

May 29, 2019

#5E27950-BG15

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

SUBJECT: Remediation Closure Report for the Black River 15 10 State Com X 4H Release (2RP-5104), Malaga, New Mexico

Mr. Hamlet:

On behalf of Marathon Oil Permian LLC (Marathon), Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes remediation of a release of liquids related to oil and gas production activities at the Black River 15 10 State Com X 4H site. The site is in Unit A, Section 22, Township 24S, Range 27E, Eddy County, New Mexico, on State land. Figure 1 illustrates the vicinity and site location on an USGS 7.5 minute quadrangle map.

Table 1 summarizes information regarding the release.

	Table 1: Release Information and Closure Criteria					
Name	Black River 15 10 State Com X 4H	Company	Marathon Oil Permian LLC			
API Number	30-015-43959	Location	32.210579, -104.170769			
Incident Number		2RP-5104				
Estimated Date of Release	November 23, 2018	Date Reported to NMOCD	11/23/2019			
Landowner	State	Reported To	NMOCD			
Source of Release	Tank overflow					
Released Volume	80 bbls	Released Material	Produced water			
Recovered Volume	80 bbls	Net Release	0 bbls			
NMOCD Closure Criteria	<50 feet to groundwater (as determined by NMOCD)					
SMA Response Dates	5/13/2019					

1.0 Background

On November 23, 2018, a release was discovered at the Black River 15 10 State Com X 4H site due to a failure on the tank level transmitter, which caused the tank to overflow into the lined containment area. Initial response activities were conducted by Marathon, and included source elimination and the recovery of approximately 80 barrels of fluid that was disposed of at an NMOCD approved facility. Figures 1 and 2 illustrate the vicinity and site location, Figure 3 illustrates the release location. The C-141 form is included in Appendix A.

2.0 Site Information and Closure Criteria

The Black River 15 10 State Com X 4H is located approximately 6 miles west of Malaga, New Mexico on State land at an elevation of approximately 3230 feet above mean sea level (amsl).

Based upon NMOSE (Appendix B), depth to groundwater in the area is estimated to be 60 feet below grade surface (bgs). There are no known water sources within ½-mile of the location, according to the Engineer New Mexico Office of the State (NMOSE) online water well (https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 1/8/2019). The nearest significant watercourse is an unnamed drainage feature, located approximately one mile to the north. Figure 2 illustrates the site with 1000-foot radius to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, SMA determined that the applicable NMOCD Closure Criteria for this site is for groundwater depth of between 51-100 feet bgs. However, based on the lack of well or groundwater data within a half-mile radius from the site, NMOCD has requested that groundwater be considered to be less than 50 feet bgs. Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

3.0 Release Characterization and Remediation Activities

On May 13, 2019, SMA personnel arrived on site in response to the release associated with Black River 15 10 State Com X 4H. SMA performed a liner inspection and observed that there were failures in the containment. SMA then conducted site delineation activities by collecting soil samples from within the liner failures (seen in photo log; Appendix C) before the liner was repaired and the integrity restored.

A total of five sample locations (L1-L5) were investigated using a hand-auger, to depths up to 0.5 feet bgs. A total of five samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

Figure 3 shows the lined containment areas and sample locations. All laboratory results are summarized in Table 3. Laboratory reports are included in Appendix D. Results show that soil beneath the liner has been impacted by chloride above the Closure Criteria, but no hydrocarbon impacts were detected.

In accordance with 19.15.29.12.B(2), a deferral is being requested for this release impacted soils are around production equipment such as production tanks and pipelines, as remediation in this area could cause safety issues or cause a major facility deconstruction. As described above, the contamination has been documented and liner integrity restored and does not cause an imminent risk to human health, the environment, or groundwater. The release will be remediated if the equipment is ever removed, or upon plugging and abandonment of the wellsite, whichever occurs first.

4.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure 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 either Heather Patterson at 575-200-5343 or Shawna Chubbuck at 505-325-7535.

Submitted by: SOUDER, MILLER & ASSOCIATES

Reviewed by:

Ashley Maxwell Project Scientist

Shawna Chubbuck Senior Scientist

rauna Chubbuck

ATTACHMENTS:

Figures:

Figure 1: Vicinity and Well Head Protection Map

Figure 2: Surface Water Radius Map Figure 3: Site and Sample Location Map

Tables:

Table 2: NMOCD Closure Criteria Justification

Table 3: Summary of Sample Results

Appendices:

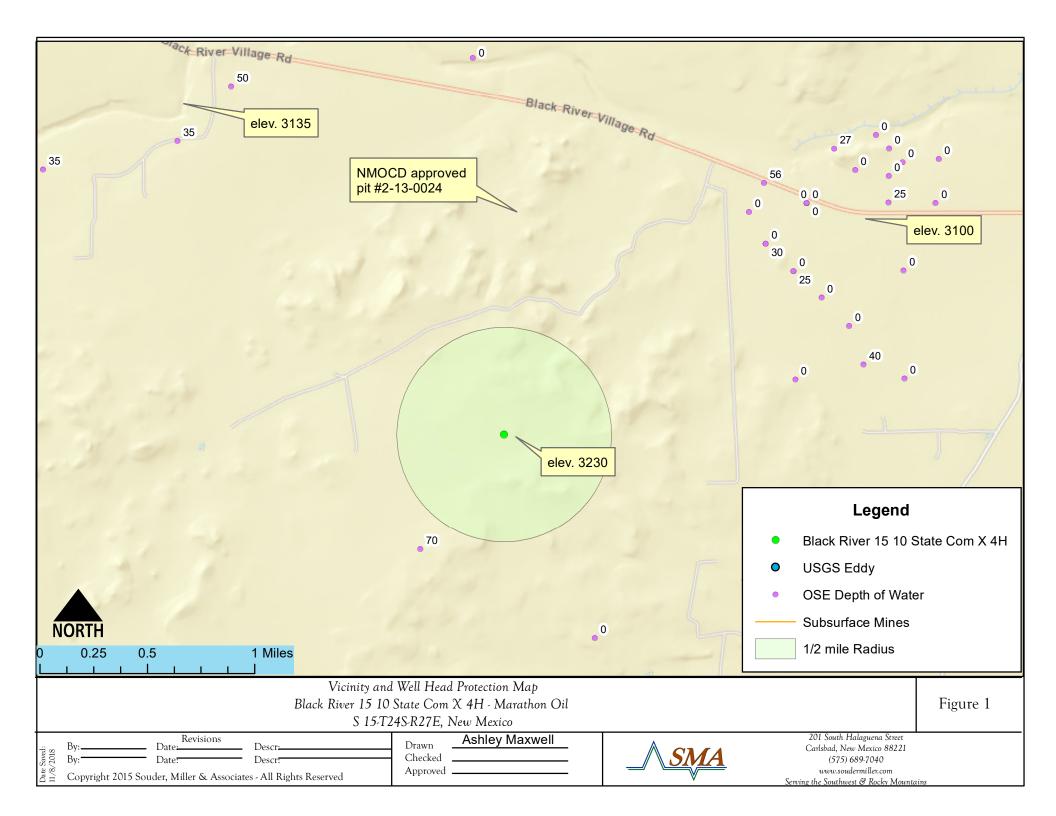
Appendix A: Form C141

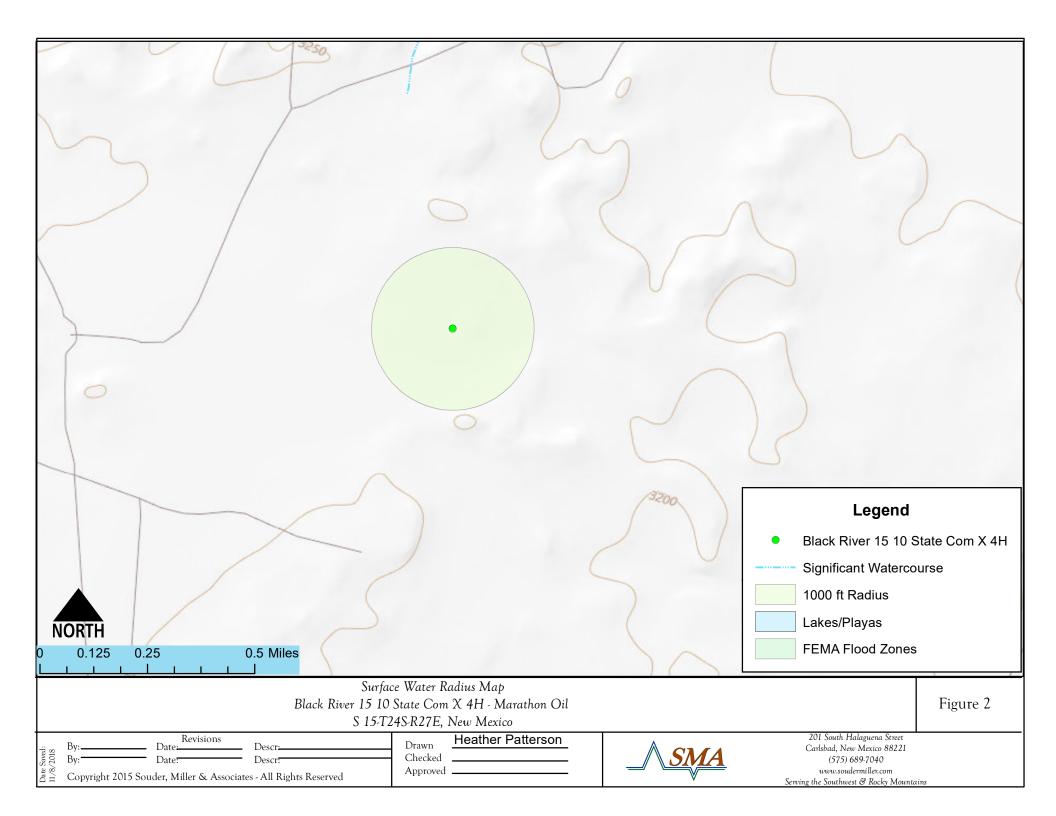
Appendix B: NMOSE Wells Report

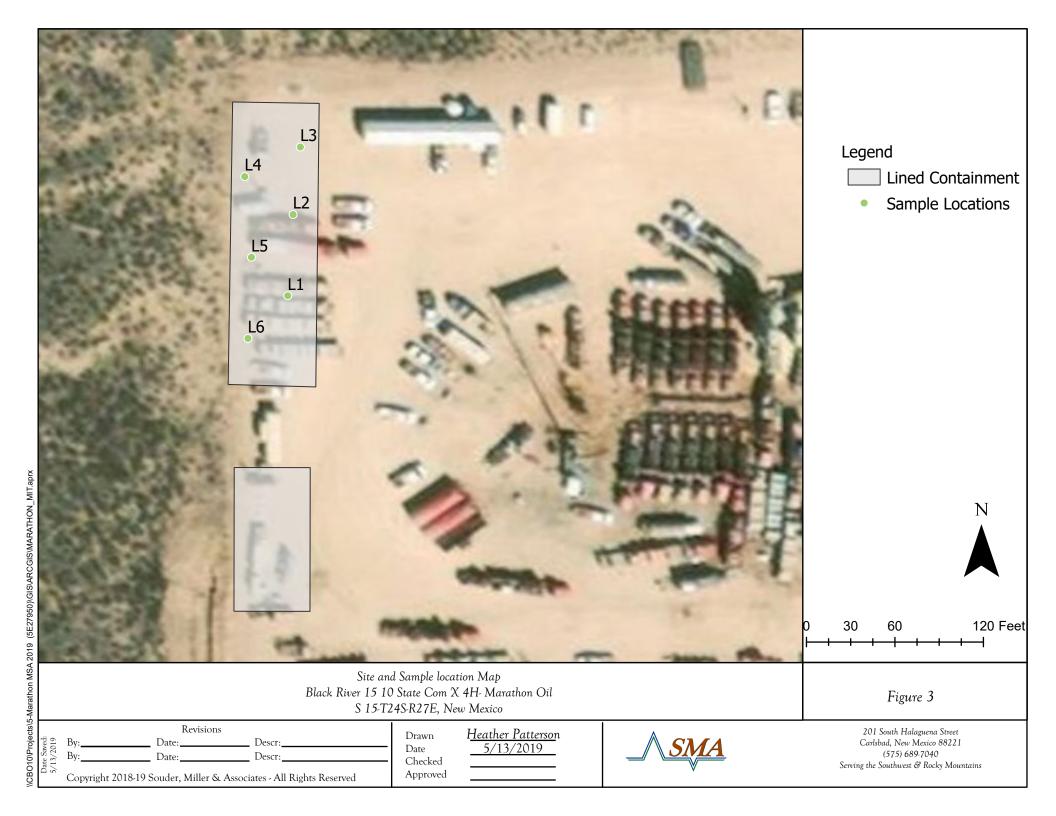
Appendix C: Photo Log

Appendix D: Laboratory Analytical Reports

FIGURES







TABLES

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes	
Depth to Groundwater (feet bgs) 60 N		NMOSE
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	N/A	NMOSE, USGS Topo Map
Hortizontal Distance to Nearest Significant Watercourse (miles)	1	figure 2, USGS Topo Map

Closure Criteria (19.15.2	29.12.B(4) an	d Table 1 NMAC)				
		Closure Criteria (units in mg/kg)				
Depth to Groundwater	Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	втех	Benzene	
< 50' BGS	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 ye	s, then		
<300' from continuously flowing watercourse or other significant watercourse? <200' from lakebed, sinkhole or playa lake? Water Well or Water Source	no no					
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? <1000' from fresh water well or spring?	no no					
<300' from an occupied permanent residence, school, hospital, institution or church? within incorporated municipal boundaries or within a defined municipal fresh water well field?	no	600	100		50	10
<100' from wetland?						
within area overlying a subsurface mine	no no	-				
within an unstable area?	no	1				
within a 100-year floodplain?	no					



Sample			Action	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI-
ID	Date	bgs)		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	NMOCD (Closure Criteria		50	10				100	600
L1	5/13/2019	surface - 0.5'	in-situ	<0.225	<0.025	<5.0	<10	<50	<65	1100
L2	5/13/2019	surface - 0.5'	in-situ	<0.225	<0.025	<5.0	<10	<50	<65	850
L3	5/13/2019	surface - 0.5'	in-situ	<0.225	<0.025	<5.0	<10	<50	<65	1000
L4	5/13/2019	surface - 0.5'	in-situ	<0.225	<0.025	<5.0	<10	<50	<65	2900
L5	5/13/2019	surface - 0.5'	in-situ	<0.225	<0.025	<5.0	<10	<50	<65	1700

[&]quot;--" = Not Analyzed

APPENDIX A FORM C141

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

Responsible Party

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	NAB1834731727
District RP	2RP-5104
Facility ID	
Application ID	pAB1834731264

Release Notification

Responsible Party

OGRID

Contact Nam	Contact Name			Contact Telephone				
Contact email				Incident # (assigned by OCD) NAB1834731727				
Contact maili	Contact mailing address							
			Location	ı of Ro	elease So	ource		
Latitude			(NAD 83 in de		Longitude _ rees to 5 decim	al places)		
Site Name					Site Type			
Date Release	Discovered				API# (if app	licable)		
Unit Letter	Section	Township	Range		Coun	ty		
Surface Owner: State Federal Private (Name:) Nature and Volume of Release							he volumes provided below)	
Crude Oil		Volume Released					covered (bbls)	
Produced	Water	Volume Released	d (bbls)			Volume Recovered (bbls)		
	Is the concentration of total dissolved so in the produced water >10,000 mg/l?				ds (TDS)	S) Yes No		
Condensa	te	Volume Released	d (bbls)			Volume Recovered (bbls)		
Natural G	as	Volume Released	d (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)			de units)		Volume/We	ight Recovered (provide units)		
Cause of Rele	ease							

State of New Mexico Oil Conservation Division

Incident ID	NAB1834731727
District RP	2RP-5104
Facility ID	
Application ID	pAB1834731264

Was this a major	If YES, for what reason(s) does the respons	ible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?		
☐ Yes ☐ No		
If YES, was immediate no	otice given to the OCD? By whom? To who	m? When and by what means (phone, email, etc)?
	Initial Re	sponse
The responsible p	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area has	s been secured to protect human health and the	ne environment.
Released materials ha	we been contained via the use of berms or dil	xes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain w	hy:
has begun, please attach a	a narrative of actions to date. If remedial e	mediation immediately after discovery of a release. If remediation forts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.
		est of my knowledge and understand that pursuant to OCD rules and
regulations all operators are public health or the environm failed to adequately investigated to adequate the control of the c	required to report and/or file certain release notifi- nent. The acceptance of a C-141 report by the OC ate and remediate contamination that pose a threat	cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature: Callia Karrigan		Date:
email:		Telephone:
OCD Only Received by:	ghit Intamente	Date: 12/13/2018

State of New Mexico Oil Conservation Division

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?	(ft bgs)				
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 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?	☐ Yes ☐ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh 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?					
Are the lateral extents of the release within a 100-year floodplain?					
Did the release impact areas not on an exploration, development, production, or storage site?					
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.

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation poin □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29. □ Proposed schedule for remediation (note if remediation plan times) 	12(C)(4) NMAC
<u>Deferral Requests Only</u> : Each of the following items must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name:	Title:
Signature: Callie Karrigan	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
Approved	Approval
Signature:	Date:

State of New Mexico Oil Conservation Division

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

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Signature: Callie Karugan	Date:
email:	Telephone:
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:	Date:
Printed Name:	Title:

APPENDIX B NMOSE WELLS REPORT



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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD

closed)

Sub-QQQ Depth Depth Water **POD Number** Code basin County 64 16 4 Sec Tws Rng **Distance Well Water Column** 925 95

C 01452 22 24S 27E 577435 3563175*

> Average Depth to Water: 70 feet

> > Minimum Depth: 70 feet

70 feet Maximum Depth:

Record Count: 1

UTMNAD83 Radius Search (in meters):

Radius: 1610 Easting (X): 577595.25 Northing (Y): 3564086.68

*UTM location was derived from PLSS - see Help

APPENDIX C PHOTO LOG









APPENDIX D LABORATORY ANALYTICAL REPORTS



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 24, 2019

Heather Patterson Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801

FAX:

RE: Black River 4H OrderNo.: 1905831

Dear Heather Patterson:

Hall Environmental Analysis Laboratory received 6 sample(s) on 5/16/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1905831

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/24/2019

CLIENT: Souder, Miller & Associates Client Sample ID: L1

Project: Black River 4H
 Collection Date: 5/13/2019 1:30:00 PM

 Lab ID: 1905831-001
 Matrix: SOIL
 Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	1100	60	mg/Kg	20	5/19/2019 6:23:14 PM	45019
EPA METHOD 8015D MOD: GASOLINE RANG	Ε				Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/18/2019 7:17:54 AM	44972
Surr: BFB	95.4	70-130	%Rec	1	5/18/2019 7:17:54 AM	44972
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/20/2019 11:25:15 AM	44997
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/20/2019 11:25:15 AM	44997
Surr: DNOP	92.2	70-130	%Rec	1	5/20/2019 11:25:15 AM	44997
EPA METHOD 8260B: VOLATILES SHORT LIS	ST				Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	5/18/2019 7:17:54 AM	44972
Toluene	ND	0.050	mg/Kg	1	5/18/2019 7:17:54 AM	44972
Ethylbenzene	ND	0.050	mg/Kg	1	5/18/2019 7:17:54 AM	44972
Xylenes, Total	ND	0.10	mg/Kg	1	5/18/2019 7:17:54 AM	44972
Surr: 1,2-Dichloroethane-d4	87.2	70-130	%Rec	1	5/18/2019 7:17:54 AM	44972
Surr: 4-Bromofluorobenzene	88.0	70-130	%Rec	1	5/18/2019 7:17:54 AM	44972
Surr: Dibromofluoromethane	101	70-130	%Rec	1	5/18/2019 7:17:54 AM	44972
Surr: Toluene-d8	87.7	70-130	%Rec	1	5/18/2019 7:17:54 AM	44972

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 10

Lab Order 1905831

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/24/2019

CLIENT: Souder, Miller & Associates Client Sample ID: L2

 Project:
 Black River 4H
 Collection Date: 5/13/2019 1:40:00 PM

 Lab ID:
 1905831-002
 Matrix: SOIL
 Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	850	60	mg/Kg	20	5/19/2019 6:35:39 PM	45019
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/18/2019 7:46:26 AM	44972
Surr: BFB	95.2	70-130	%Rec	1	5/18/2019 7:46:26 AM	44972
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	5/20/2019 9:24:56 AM	44997
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/20/2019 9:24:56 AM	44997
Surr: DNOP	95.6	70-130	%Rec	1	5/20/2019 9:24:56 AM	44997
EPA METHOD 8260B: VOLATILES SHORT LIS	т				Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	5/18/2019 7:46:26 AM	44972
Toluene	ND	0.050	mg/Kg	1	5/18/2019 7:46:26 AM	44972
Ethylbenzene	ND	0.050	mg/Kg	1	5/18/2019 7:46:26 AM	44972
Xylenes, Total	ND	0.099	mg/Kg	1	5/18/2019 7:46:26 AM	44972
Surr: 1,2-Dichloroethane-d4	89.3	70-130	%Rec	1	5/18/2019 7:46:26 AM	44972
Surr: 4-Bromofluorobenzene	87.3	70-130	%Rec	1	5/18/2019 7:46:26 AM	44972
Surr: Dibromofluoromethane	102	70-130	%Rec	1	5/18/2019 7:46:26 AM	44972
Surr: Toluene-d8	84.1	70-130	%Rec	1	5/18/2019 7:46:26 AM	44972

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 10

Lab Order 1905831

Date Reported: 5/24/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: L3

Project: Black River 4H
 Collection Date: 5/13/2019 1:42:00 PM

 Lab ID: 1905831-003
 Matrix: SOIL
 Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	1000	60	mg/Kg	20	5/19/2019 6:48:04 PM	45019
EPA METHOD 8015D MOD: GASOLINE RANGE	:				Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	5/18/2019 8:15:00 AM	44972
Surr: BFB	94.6	70-130	%Rec	1	5/18/2019 8:15:00 AM	44972
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	5/20/2019 9:48:58 AM	44997
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/20/2019 9:48:58 AM	44997
Surr: DNOP	94.6	70-130	%Rec	1	5/20/2019 9:48:58 AM	44997
EPA METHOD 8260B: VOLATILES SHORT LIST	Γ				Analyst	RAA
Benzene	ND	0.024	mg/Kg	1	5/18/2019 8:15:00 AM	44972
Toluene	ND	0.048	mg/Kg	1	5/18/2019 8:15:00 AM	44972
Ethylbenzene	ND	0.048	mg/Kg	1	5/18/2019 8:15:00 AM	44972
Xylenes, Total	ND	0.096	mg/Kg	1	5/18/2019 8:15:00 AM	44972
Surr: 1,2-Dichloroethane-d4	89.4	70-130	%Rec	1	5/18/2019 8:15:00 AM	44972
Surr: 4-Bromofluorobenzene	90.2	70-130	%Rec	1	5/18/2019 8:15:00 AM	44972
Surr: Dibromofluoromethane	102	70-130	%Rec	1	5/18/2019 8:15:00 AM	44972
Surr: Toluene-d8	83.2	70-130	%Rec	1	5/18/2019 8:15:00 AM	44972

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 10

Lab Order **1905831**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/24/2019

CLIENT: Souder, Miller & Associates Client Sample ID: L4

Project: Black River 4H
 Collection Date: 5/13/2019 1:53:00 PM

 Lab ID: 1905831-004
 Matrix: SOIL
 Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	2900	150	mg/Kg	50	5/22/2019 6:58:52 AM	45019
EPA METHOD 8015D MOD: GASOLINE RANGE	!				Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/18/2019 8:43:37 AM	44972
Surr: BFB	94.2	70-130	%Rec	1	5/18/2019 8:43:37 AM	44972
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/20/2019 10:12:59 AM	44997
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/20/2019 10:12:59 AM	44997
Surr: DNOP	93.4	70-130	%Rec	1	5/20/2019 10:12:59 AM	44997
EPA METHOD 8260B: VOLATILES SHORT LIST	Г				Analyst	RAA
Benzene	ND	0.025	mg/Kg	1	5/18/2019 8:43:37 AM	44972
Toluene	ND	0.050	mg/Kg	1	5/18/2019 8:43:37 AM	44972
Ethylbenzene	ND	0.050	mg/Kg	1	5/18/2019 8:43:37 AM	44972
Xylenes, Total	ND	0.099	mg/Kg	1	5/18/2019 8:43:37 AM	44972
Surr: 1,2-Dichloroethane-d4	89.6	70-130	%Rec	1	5/18/2019 8:43:37 AM	44972
Surr: 4-Bromofluorobenzene	86.8	70-130	%Rec	1	5/18/2019 8:43:37 AM	44972
Surr: Dibromofluoromethane	102	70-130	%Rec	1	5/18/2019 8:43:37 AM	44972
Surr: Toluene-d8	85.6	70-130	%Rec	1	5/18/2019 8:43:37 AM	44972

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

nple pH Not In Range
porting Limit Page 4 of 10

Lab Order **1905831**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/24/2019

CLIENT: Souder, Miller & Associates Client Sample ID: L5

Project: Black River 4H
 Collection Date: 5/13/2019 1:59:00 PM

 Lab ID: 1905831-005
 Matrix: SOIL
 Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	750	60	mg/Kg	20	5/19/2019 7:12:54 PM	45019
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/18/2019 9:12:14 AM	44972
Surr: BFB	97.8	70-130	%Rec	1	5/18/2019 9:12:14 AM	44972
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	5/20/2019 10:37:06 AM	44997
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	5/20/2019 10:37:06 AM	44997
Surr: DNOP	86.6	70-130	%Rec	1	5/20/2019 10:37:06 AM	44997
EPA METHOD 8260B: VOLATILES SHORT LIST	-				Analyst	RAA
Benzene	ND	0.024	mg/Kg	1	5/18/2019 9:12:14 AM	44972
Toluene	ND	0.049	mg/Kg	1	5/18/2019 9:12:14 AM	44972
Ethylbenzene	ND	0.049	mg/Kg	1	5/18/2019 9:12:14 AM	44972
Xylenes, Total	ND	0.097	mg/Kg	1	5/18/2019 9:12:14 AM	44972
Surr: 1,2-Dichloroethane-d4	88.4	70-130	%Rec	1	5/18/2019 9:12:14 AM	44972
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	1	5/18/2019 9:12:14 AM	44972
Surr: Dibromofluoromethane	101	70-130	%Rec	1	5/18/2019 9:12:14 AM	44972
Surr: Toluene-d8	88.1	70-130	%Rec	1	5/18/2019 9:12:14 AM	44972

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905831

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/24/2019

CLIENT: Souder, Miller & Associates Client Sample ID: L6

Project: Black River 4H
 Collection Date: 5/13/2019 2:06:00 PM

 Lab ID: 1905831-006
 Matrix: SOIL
 Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	1700	60	mg/Kg	20	5/19/2019 7:25:18 PM	45019
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/18/2019 9:40:57 AM	44972
Surr: BFB	101	70-130	%Rec	1	5/18/2019 9:40:57 AM	44972
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/20/2019 11:01:11 AM	44997
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/20/2019 11:01:11 AM	44997
Surr: DNOP	95.6	70-130	%Rec	1	5/20/2019 11:01:11 AM	44997
EPA METHOD 8260B: VOLATILES SHORT LIST	-				Analyst	RAA
Benzene	ND	0.024	mg/Kg	1	5/18/2019 9:40:57 AM	44972
Toluene	ND	0.049	mg/Kg	1	5/18/2019 9:40:57 AM	44972
Ethylbenzene	ND	0.049	mg/Kg	1	5/18/2019 9:40:57 AM	44972
Xylenes, Total	ND	0.097	mg/Kg	1	5/18/2019 9:40:57 AM	44972
Surr: 1,2-Dichloroethane-d4	87.8	70-130	%Rec	1	5/18/2019 9:40:57 AM	44972
Surr: 4-Bromofluorobenzene	89.3	70-130	%Rec	1	5/18/2019 9:40:57 AM	44972
Surr: Dibromofluoromethane	103	70-130	%Rec	1	5/18/2019 9:40:57 AM	44972
Surr: Toluene-d8	89.5	70-130	%Rec	1	5/18/2019 9:40:57 AM	44972

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

nple pH Not In Range
porting Limit Page 6 of 10

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905831**

24-May-19

Client: Souder, Miller & Associates

Project: Black River 4H

Sample ID: MB-45019 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 45019 RunNo: 59991

Prep Date: 5/19/2019 Analysis Date: 5/19/2019 SeqNo: 2024942 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-45019 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 45019 RunNo: 59991

Prep Date: 5/19/2019 Analysis Date: 5/19/2019 SeqNo: 2024943 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 98.8 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

4.7

WO#: **1905831**

24-May-19

Client: Souder, Miller & Associates

Project: Black River 4H

Sample ID: MB-44997	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch	n ID: 44 9	997	F	RunNo: 6	0018				
Prep Date: 5/17/2019	Analysis D	Date: 5/	20/2019	5	SeqNo: 2	026297	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		115	70	130			
Sample ID: LCS-44997	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 44 9	997	F	RunNo: 6	0018				
Prep Date: 5/17/2019	Analysis D)ate: 5/	20/2019	9	SeqNo: 2	026299	Units: mg/K	a		
1 10p Date. 3/11/2019	7 tildiyolo E	, a.c.						5		
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
•	-						J	•	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	•	RPDLimit	Qual
Analyte Diesel Range Organics (DRO)	Result 53 5.2	PQL	SPK value 50.00 5.000	SPK Ref Val	%REC 107 105	LowLimit 63.9 70	HighLimit 124	%RPD		Qual
Analyte Diesel Range Organics (DRO) Surr: DNOP	Result 53 5.2 SampT	PQL 10	SPK value 50.00 5.000	SPK Ref Val 0	%REC 107 105	LowLimit 63.9 70 PA Method	HighLimit 124 130	%RPD		Qual
Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 1905831-001AMS	Result 53 5.2 SampT	PQL 10 Type: M\$ n ID: 44	50.00 5.000 5.000	SPK Ref Val 0	%REC 107 105 tCode: E l	63.9 70 PA Method	HighLimit 124 130	%RPD		Qual
Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 1905831-001AMS Client ID: L1	Result 53 5.2 SampT Batch	PQL 10 Type: M\$ n ID: 44	SPK value 50.00 5.000 5.000 6 997 20/2019	SPK Ref Val 0	%REC 107 105 tCode: El RunNo: 6	63.9 70 PA Method	HighLimit 124 130 8015M/D: Die	%RPD		Qual

Sample ID: 1905831-001AMS	SampT	уре: М\$	SD	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: L1	Batch	n ID: 44	997	F	RunNo: 6	0018				
Prep Date: 5/17/2019	20/2019	S	SeqNo: 2	026345	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.5	47.44	0	95.4	53.5	126	1.69	21.7	
Surr: DNOP	4.8		4 744		100	70	130	0	0	

99.5

70

130

4.673

Qualifiers:

Surr: DNOP

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **1905831**

24-May-19

Client: Souder, Miller & Associates

Project: Black River 4H

Sample ID: mb-44972 SampType: MBLK TestCode: EPA Method 8260B: Volatiles Short List Client ID: PBS Batch ID: 44972 RunNo: 59967 Prep Date: 5/16/2019 Analysis Date: 5/17/2019 SeqNo: 2024071 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 70 130 Surr: 1,2-Dichloroethane-d4 0.45 0.5000 90.8 Surr: 4-Bromofluorobenzene 0.44 0.5000 87.1 70 130 Surr: Dibromofluoromethane 0.52 0.5000 104 70 130 Surr: Toluene-d8 0.42 0.5000 84.0 70 130

Sample ID: Ics-44972	Samp	Type: LC	s	Tes	TestCode: EPA Method 8260B: Volatiles Short List												
Client ID: LCSS	Batc	h ID: 44 9	972	F	RunNo: 5												
Prep Date: 5/16/2019	Analysis [Date: 5/	17/2019	S	SeqNo: 2	025155	Units: mg/K										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual							
Benzene	0.97	0.025	1.000	0	96.7	70	130										
Toluene	0.96	0.050	1.000	0	95.7	70	130										
Ethylbenzene	0.97	0.050	1.000	0	96.9	70	130										
Xylenes, Total	2.9	0.10	3.000	0	97.3	70	130										
Surr: 1,2-Dichloroethane-d4	0.44		0.5000		88.8	70	130										
Surr: 4-Bromofluorobenzene	0.45		0.5000		90.4	70	130										
Surr: Dibromofluoromethane	0.52		0.5000		104	70	130										
Surr: Toluene-d8	0.43		0.5000		86.6	70	130										

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905831

24-May-19

Client: Souder, Miller & Associates

Project: Black River 4H

Sample ID: mb-44972 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: PBS Batch ID: 44972 RunNo: 59967

Prep Date: 5/16/2019 Analysis Date: 5/17/2019 SeqNo: 2024075 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 470 500.0 93.3 70 130

Sample ID: Ics-44972 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: LCSS Batch ID: 44972 RunNo: 59967

Prep Date: 5/16/2019 Analysis Date: 5/17/2019 SeqNo: 2025163 Units: mg/Kg

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** 70 Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.9 130 Surr: BFB 480 500.0 95.9 70 130

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: SMA-CARLSBAD Work Order Number: 1905831 RcptNo: 1 Received By: Jevon Campisi 5/16/2019 8:45:00 AM Completed By: Erin Melendrez 5/16/2019 10:09:11 AM 5/16/19 Reviewed By: DAD 5/16/19 Chain of Custody 1. Is Chain of Custody complete? No 🗌 Yes 🗸 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes 🗸 No 🗌 NA 🗌 4. Were all samples received at a temperature of >0° C to 6.0°C No 🗌 NA 🗌 Yes 🗸 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 6. Sufficient sample volume for indicated test(s)? Yes 🗸 No 7. Are samples (except VOA and ONG) properly preserved? Yes 🗸 No No 🗸 8. Was preservative added to bottles? NA 🗌 Yes No VOA Vials 🗸 9. VOA vials have zero headspace? No 🗌 Yes Yes 🗆 10. Were any sample containers received broken? No 🗸 # of preserved bottles checked Yes 🗸 11. Does paperwork match bottle labels? No 🗌 for pH: (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes 🗸 No 🗌 13. Is it clear what analyses were requested? Yes 🗸 No 🗌 Checked by: DAD 5/16/19 No 🗌 14. Were all holding times able to be met? Yes 🗸 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA 🗸 Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 0.2 Good Yes

	ANALYSIS LABORATORY	environme	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	†O.	yo / MRa PCB's PO ₄ , S	7 (P. A (1) (S082) (P. A (1)	1 20 old	opicicicicicicicicicicicicicicicicicicic	H:801981 Pes 81 Pes hHs by Pr, Br; F, Br; O(VC	47 80 82 82 82 82 82	X X		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	× ×	× ×	× × ×				Remarks:	Manken	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time: 5 dluy	□ Standard A Rush	Project Name:	Duck Give OF	Project #:	data of the	Project Manager:	Huffer futhers	i. they	On ice: Yes No	# of coolers. Cooler Tempfineducing CF): // 9 /	l iš	Type and # Type 1405531	700	700-	200-	h00+	500-	900+		100	1000	Received by: Via: Date Time	Received by: Via: Court Date Time	ontracted to other accredited laboratories. This serves as notice of this
Chain-of-Custody Record	Client: MM A	Carlshae	Mailing Address:		Phone #:	email or Fax#:	QA/QC Package: □ Standard □ Level 4 (Full Validation)	on:	NELAC Uther				5/13/19 1.30 Soil	27 / 02.2	1.42 \ 63	1:53 / 53:1	1:54	42:00 x			*	Date: Trime: Relinquished by:	Date: Time: Relinquished by:	If necessary, samples submitted to Hall Environmental may be subc