

From: [Yu, Olivia, EMNRD](#)
To: ["Lucas Middleton"](#)
Cc: [John Hurt](#); [Hernandez, Christina, EMNRD](#); rmann@slo.state.nm.us
Subject: RE: 48 Hour Sample Event Notification for 1RP-5099, ANTELOPE RIDGE 24 SWD #001 API# 30-025-26547
Date: Monday, September 17, 2018 11:42:00 AM
Attachments: image003.png
image005.png

Mr. Middleton:

In order for all associated agencies to be on the same page, as just mentioned over the phone, closure samples for 1RP-5099 do not need BTEX or TPH extended analyses. Additional delineation was completed per email dated September 11, 2018.

NMSLO approval required. NMSLO may have additional concerns and stipulations.

Thanks,
Olivia

From: Lucas Middleton <lucas.middleton@soudermiller.com>
Sent: Tuesday, September 11, 2018 12:21 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: John Hurt <JHurt@matadorresources.com>; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>; rmann@slo.state.nm.us
Subject: 48 Hour Sample Event Notification for 1RP-5099, ANTELOPE RIDGE 24 SWD #001 API# 30-025-26547

Good Afternoon,

This email is to inform all interested parties that SMA will be collecting closure samples per NMAC 19.15.29.12 (D)(1)a. This will occur on 9/13/18 starting at 12:00 p.m.. This email will serve as our 48 hour notification. We will send an update if this time or date changes. This is for 1RP-5099, ANTELOPE RIDGE 24 SWD #001, API# 30-025-26547

Please find the attached figure and table. The green points are the currant sample point locations that were used to guide the excavation. These samples are outlined in the table and have been sent for laboratory confirmation. The blue points are our proposed closure samples. They include 6 additional discrete bottom hole samples (BHC) along with L2 (BHC7) will be delineated further and 7 composite sidewall samples (SWC) and Sw-6 . SMA is using a sampling method as described in EPA's Final Sampling Guidance for SW-846 2002. Judgmental sampling design was chosen due to the uniform soil type and the known boundaries of the release.

I just received your email regarding the work plan. I will address the concerns in the closure document.

Feel Free to contact me with any questions or concerns

Thank you,

Lucas Middleton
Staff GeoScientist

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)



Souder, Miller & Associates

Engineering ♦ Environmental ♦ Surveying

201 S. Halagueno

Carlsbad, NM 88220

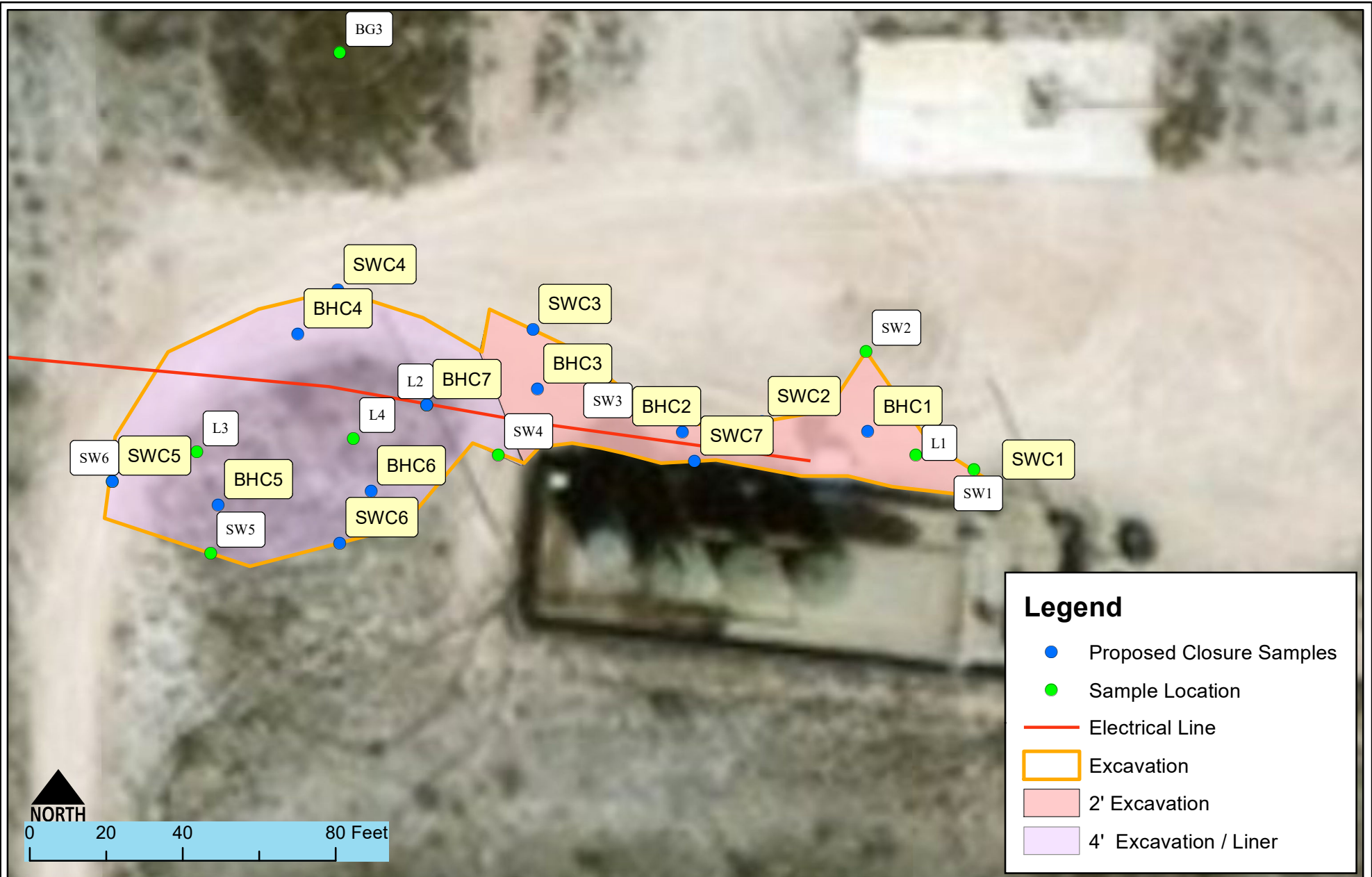
www.soudermiller.com

(575) 499-9244 (mobile)



Notice of Confidentiality and Privileged Status: This electronic mail message, including all attachments, is for the sole use of the intended recipient(s) and may contain confidential and/or privileged information or otherwise may be protected from disclosure. Any unauthorized review, use, disclosure, distribution or actions which rely on the contents of this information is prohibited. If you are not the intended recipient, please contact the sender and delete the message and any attachment(s) from your system.

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



Site and Sample Location Map
 ANTELOPE RIDGE 24 SWD #001 - Matador Resources
 S: 24 T23S R23E, Lea County New Mexico

Figure 2

Date Saved:
9/11/2018

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

Copyright 2015 Souder, Miller & Associates - All Rights Reserved

Drawn Lucas Middleton
 Checked _____
 Approved _____



201 South Halaguena Street
 Carlsbad, New Mexico 88221
 (575) 689-7040
 www.soudermiller.com
 Serving the Southwest & Rocky Mountains

ANTELOPE RIDGE 24 SWD #001

Table 2

Sample Number on Figure 2	Sample Date	Depth (feet bgs)	Proposed Action	BTEX mg/Kg	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	MRO mg/Kg	Total TPH mg/Kg	Cl- Field Screens (ppm)	Cl- Laboratory mg/Kg
NMOCD RRAL's for Site Ranking 0				50 mg/Kg	10 mg/Kg				5000 mg/Kg		
BG1	6/9/2018	Surface	In-Situ	---	---	---	---	---	---	---	<30
BG2	6/9/2018	Surface	In-Situ	---	---	---	---	---	---	---	30
BG3	6/9/2018	Surface	In-Situ	---	---	---	---	---	---	---	<30
L1	6/9/2018	Surface	Excavate	---	---	---	---	---	---	---	7600
	6/9/2018	1	Excavate	---	---	---	---	---	---	---	8600
		2	Excavate	---	---	---	---	---	---	---	---
	7/3/2018	3	In-Situ	<0.095	<0.024	<4.8	<9.8	<49	<49	---	580
	7/3/2018	7	In-Situ	<0.094	<0.023	<4.7	<9.9	<50	<50	---	<30
L2	6/9/2018	Surface	Excavate	---	---	---	---	---	---	---	8900
	7/3/2018	1	Excavate	---	---	---	---	---	---	---	1700
	6/9/2018	2	Excavate	---	---	---	---	---	---	---	8100
L3	7/3/2018	2	Excavate	<0.0945	<0.024	<4.8	<9.9	<50	<50	---	5200
	7/3/2018	3	Excavate	---	---	---	---	---	---	---	5400
		4	Excavate/Liner	---	---	---	---	---	---	---	---
	7/3/2018	5	In-Situ	---	---	---	---	---	---	---	3800
	7/3/2018	6	In-Situ	---	---	---	---	---	---	---	170
	7/3/2018	10	In-Situ	<0.095	<0.024	<4.8	<10	<50	<50	---	230
L4		1-4	Excavate/Liner	---	---	---	---	---	---	---	---
	7/3/2018	6	In-Situ	<0.098	<0.025	<4.9	<9.9	<50	<50	---	3400
	7/3/2018	7	In-Situ	---	---	---	---	---	---	---	4100
	7/3/2018	10	In-Situ	---	---	---	---	---	---	---	<30
	7/3/2018	14	In-Situ	<0.096	<0.024	<4.8	<10	<50	<50	---	83
SW-1	7/3/2018	1	In-Situ	---	---	---	---	---	---	---	190
SW-2	7/3/2018	1	In-Situ	---	---	---	---	---	---	---	40
SW-3	7/3/2018	1	In-Situ	---	---	---	---	---	---	---	120
SW-6	7/3/2018	1	In-Situ	---	---	---	---	---	---	---	760

--- = Not Analyzed