

**From:** [Yu, Olivia, EMNRD](#)  
**To:** "Tucker, Shelly"; [John.Wierzowiecki@blackmtn.com](mailto:John.Wierzowiecki@blackmtn.com)  
**Cc:** [Robbie Runnels](#)  
**Subject:** RE: Termination Request - 1RP - 4472 - Black Mountain, Madera 19 Fed #4H  
**Date:** Tuesday, October 2, 2018 11:49:00 AM

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Mr. Wierzowiecki:

Thank you for your patience. The release area on well pad for reclamation is noted.

The available information indicates **OPERATOR** has met the requirements of 19.15.29 NMAC and no further corrective action is required. NMOCD considers **1RP-4472** closed. However, this determination by the Oil Conservation Division does not relieve Operator of responsibility should future information indicate a threat to ground water, surface water, human health, or the environment. Furthermore, it does not relieve Operator of responsibility for compliance with any federal, state, or local laws and/or regulations.

Thanks,

Olivia Yu  
Environmental Specialist  
NMOCD, District I  
[Olivia.yu@state.nm.us](mailto:Olivia.yu@state.nm.us)  
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

**From:** Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>  
**Sent:** Friday, June 2, 2017 2:08 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** Robbie Runnels <[rrunnels@basinenv.com](mailto:rrunnels@basinenv.com)>; John.Wierzowiecki@blackmtn.com  
**Subject:** Re: Termination Request - 1RP - 4472 - Black Mountain, Madera 19 Fed #4H

**BLM accepts your request for closure.**

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

*Shelly J Tucker*  
Environmental Protection Specialist  
O&G Spill/Release Coordinator

Bureau of Land Management  
620 E. Greene St  
Carlsbad, NM 88220

575.234.5905 - Direct  
575.361.0084 - Cellular  
575.234.6235 - Emergency Spill Number

[stucker@blm.gov](mailto:stucker@blm.gov)

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Thu, May 4, 2017 at 4:01 PM, Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)> wrote:

Dear Mr. Runnels:

Thank you for this additional information regarding 1RP-4472. Given the visual presence of pooled fluids rather than overspray in the photos, NMOCD requests that confirmatory soil samples be taken at Sample Points 1, 3, 4, and 5 at 5 ft. bgs to complete vertical delineation. The permissible chloride level for this location given the depth to groundwater and distance to surface waterbody is 600 mg/kg.

Also, were samples taken in the affected area on the pad as shown in the photo? If not, confirmatory samples at 5 ft. bgs are required, especially as a delineation workplan was not previously submitted and approved as requested in an email dated January 10, 2017.

Please confirm.

Thanks,  
Olivia

**From:** Robbie Runnels [mailto:[rrunnels@basinenv.com](mailto:rrunnels@basinenv.com)]

**Sent:** Tuesday, May 2, 2017 12:42 PM

**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>; [John.Wierzowiecki@blackmtn.com](mailto:John.Wierzowiecki@blackmtn.com)  
**Subject:** RE: Termination Request - 1RP - 4472 - Black Mountain, Madera 19 Fed #4H

Ms. Yu,

The permanent containment is the secondary containment around the tanks. There was a pooled area in the pasture (see the attached). There was fluid on the pad as well, but had been remediated.

Please let me know if you have any more questions or comments.

Thank you,

Robbie Runnels  
Basin Environmental

----- Original Message -----

Subject: RE: Termination Request - 1RP - 4472 - Black Mountain, Madera 19 Fed #4H  
From: "Yu, Olivia, EMNRD" <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
Date: 5/2/17 8:21 am  
To: "Robbie Runnels" <[rrunnels@basinenv.com](mailto:rrunnels@basinenv.com)>  
Cc: "Tucker, Shelly" <[stucker@blm.gov](mailto:stucker@blm.gov)>, "[John.Wierzowiecki@blackmtn.com](mailto:John.Wierzowiecki@blackmtn.com)"  
<[John.Wierzowiecki@blackmtn.com](mailto:John.Wierzowiecki@blackmtn.com)>

Good morning Mr. Runnels:

Please clarify a couple of discrepancies between the closure report and the submitted initial C-141 for 1RP-4472.

1. Page 1 of the closure report indicated that the majority of the release occurred on the "permanent containment area." To what does this refer? The secondary containment around the tanks?
2. The initial C-141 indicated that there was "pooling of oil and salt water on well site and adjacent pasture" in addition to oil mist on the pasture. Where were these pools? However, as written in the report, it appears that the only impact was the pasture that received overspray.

Also, if available, please provide photos prior to remediation activities.

Thanks,

Olivia Yu

Environmental Specialist  
NMOCD, District I  
[Olivia.yu@state.nm.us](mailto:Olivia.yu@state.nm.us)  
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

**From:** Robbie Runnels [<mailto:rrunnels@basinenv.com>]  
**Sent:** Tuesday, May 2, 2017 7:18 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>; [John.Wierzowiecki@blackmtn.com](mailto:John.Wierzowiecki@blackmtn.com)  
**Subject:** Termination Request - 1RP - 4472 - Black Mountain, Madera 19 Fed #4H

Ms. Yu,

Attached is the Termination Request for the aforementioned site. Please let me know if you have any questions or concerns.

Thank you,

Robbie Runnels

Project Manager  
Basin Environmental Service Technologies  
3100 Plains Hwy.  
P.O. Box 301  
Lovington, NM 88260  
p. 575-396-2378 m. 575-441-5598  
f. 575-396-1429  
[rrunnels@basinenv.com](mailto:rrunnels@basinenv.com)





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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May 25, 2017

ROBBIE RUNNELS

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MADERA 19 FEDERAL #4

Enclosed are the results of analyses for samples received by the laboratory on 05/19/17 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

Basin Environmental Service  
ROBBIE RUNNELS  
P.O. Box 301  
Lovington NM, 88260  
Fax To: (575) 396-1429

Received: 05/19/2017  
Reported: 05/25/2017  
Project Name: MADERA 19 FEDERAL #4  
Project Number: H - LEA  
Project Location: LEA COUNTY, NM

Sampling Date: 05/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP1 @ 5' (H701345-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/20/2017	ND	448	112	400	7.41	

**Sample ID: SP3 @ 5' (H701345-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/20/2017	ND	448	112	400	7.41	

**Sample ID: SP4 @ 4.5' (H701345-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/20/2017	ND	448	112	400	7.41	

**Sample ID: SP5 @ 5' (H701345-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/20/2017	ND	448	112	400	7.41	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

FORM-006  
Revision 1.0







