

**From:** [Yu, Olivia, EMNRD](#)  
**To:** [Van Curen, Jennifer \(MRO\)](#)  
**Cc:** [stucker@blm.gov](mailto:stucker@blm.gov); [Billings, Bradford, EMNRD](#)  
**Subject:** RE: Rusty Anchor 7 Fed Com 1H 1RP-4808  
**Date:** Friday, January 19, 2018 8:20:00 AM  
**Attachments:** image001.png

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Good morning Ms. Van Curen:

Please note that a proposed plan or summary does not necessarily mean a complete report. At the minimum, a scaled map with the sample locations and laboratory results are necessary for evaluation. Thank you for these documents.

The release for 1RP-4808 was a substantial volume. Based on the data, there appears to be pooling of chlorides at depth associated with the layer with decreased infiltration. Is the inference that the soil is a source of chlorides? The soil is a Haplargid, which does not have a natric horizon. Was another background sample collected at a location not adjacent to a lease road?

NMOCD's assessment is for delineation to proceed in depth pass the 'refusal' layer.

Thanks,  
Olivia

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**From:** Van Curen, Jennifer (MRO) [mailto:[jvancuren@marathonoil.com](mailto:jvancuren@marathonoil.com)]  
**Sent:** Thursday, January 18, 2018 1:12 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Subject:** RE: Rusty Anchor 7 Fed Com 1H 1RP-4808

We wanted to continue with work which is why we didn't complete the whole remediation plan which takes a lot of time. We called the BLM to approve a plan forward while the equipment was still out there, and they wanted us to move forward. I contacted you as well (end of November I believe) for approval. You were not familiar with the soils in the area so you were going to check with someone. They hit refusal while delineating and with the amount of the release and soil type, it didn't make sense that the levels did not fall off, it should have cleaned up shallow. That is why the BLM had us complete the background samples to the west across the lease road. They told us that they thought the soils were that way. The 4' background with x stick was 960 ppm. You can see that the clay soils around that depth rise substantially. The plan is to line with a 20 mil liner and backfill with clean material. The depth of excavation is 4' right now.

Jennifer Van Curen  
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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]  
**Sent:** Thursday, January 18, 2018 1:36 PM  
**To:** Van Curen, Jennifer (MRO) <[jvancuren@marathonoil.com](mailto:jvancuren@marathonoil.com)>  
**Subject:** [External] RE: Rusty Anchor 7 Fed Com 1H 1RP-4808

**Beware of links/attachments.**

Ms. Van Curen:

I received your voicemail. Was a summary or laboratory results submitted for 1RP-4808? A search of my inbox did not bring up any documentation related to this release. If so, pardon and please resubmit a corrective action plan, maps, and laboratory analyses for review.

Thanks,  
Olivia

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**From:** Van Curen, Jennifer (MRO) [<mailto:jvancuren@marathonoil.com>]  
**Sent:** Thursday, January 18, 2018 5:34 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Subject:** Rusty Anchor 7 Fed Com 1H 1RP-4808

Hi Olivia,

I hope your morning is going well and it is not freezing over there like here.

I had spoke with you some time ago on this site where the background at 3' was 900 ppm had returned at same levels as soil delineation efforts at 10' still ranging from 700-1000 ppm. This was approved to be backfilled by the BLM due to the soil characteristics being a higher natural sodium content, but I wanted to get like approval from you as well. We still have this as an open hole and it is kinda of a safety hazard with it right beside the road. We would like to back fill with your approval.

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