

## Rose-Coss, Dylan H, EMNRD

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**From:** Rose-Coss, Dylan H, EMNRD  
**Sent:** Wednesday, July 3, 2019 8:32 AM  
**To:** 'Heather Patterson'; Billings, Bradford, EMNRD  
**Cc:** Stephanie Hinds; Johnson, Misti M. (MRO)  
**Subject:** RE: Marathon Oil, State AA #1 SWD

Hi Heather,

Thanks for putting together the summary. All of the stipulations look good except the second one. Within the 4 ft excavation area the OCD would prefer a plastic liner, or the thinnest available version of a clay liner; the idea being to lose as little of the root zone as possible. The plastic liner is of course at the discretion of the land owner.

Otherwise the workplan is approved. Please let me know if this stipulation is tenable and if there are any additional questions or concerns.

Thanks and hope you have a wonderful independence day as well.

Regards,

**Dylan Rose-Coss**

*Environmental Scientist*  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

(505) 476-3488

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**From:** Heather Patterson <heather.patterson@soudermiller.com>  
**Sent:** Tuesday, July 2, 2019 3:17 PM  
**To:** Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Rose-Coss, Dylan H, EMNRD <DylanH.Rose-Coss@state.nm.us>  
**Cc:** Stephanie Hinds <stephanie.hinds@soudermiller.com>; Johnson, Misti M. (MRO) <mjohnson4@marathonoil.com>  
**Subject:** [EXT] Marathon Oil, State AA #1 SWD

Good Afternoon,

The purpose of the email is to recap our discussion of this remediation.

The work plan for 1RP-5257 is approved as written with the following stipulations:

- A 10 foot excavation within the battery (SB1) is approved with 2 bottom hole confirmation and 6 sidewall wall confirmation samples. All of which are to be analyzed for both chloride and TPH. While OCD would prefer a plastic liner in this area, if the landowner has other preferences, the clay liner is acceptable.
- The well pad excavation to 4 feet is approved, but OCD prefers NOT to have a liner in this area.
- The pad area excavation should have 5 to 6 bottom hole confirmation (5-point composite) samples for tph and chlorides, and at least as many sidewall composites for chloride only.
- Both SB2 and SB3 are to be further delineated to 600mg/Kg chloride.

- This remediation and following closure report is due in 90 days.

Let me know if you have any corrections to this email.

I appreciate your time with this, have a fabulous Fourth of July!

Thank you,

Heather Patterson

*Project Scientist*



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Engineering ♦ Environmental ♦ Surveying

201 S. Halagueno St

Carlsbad, NM 88220

[www.soudermiller.com](http://www.soudermiller.com)

(575) 200-5343 (mobile)