

**From:** [Yu, Olivia, EMNRD](#)  
**To:** ["Adams, Noah J. \(MRO\)"](#)  
**Cc:** [Gram, Wendy W. \(MRO\)](#); [Amber Groves](#)  
**Subject:** RE: [External] RE: C-141 Form for 2017 07 05 Battle Federal #4H  
**Date:** Tuesday, August 29, 2017 4:58:00 PM  
**Attachments:** approved\_1RP4760\_Battle Federal #4 Delineation Plan\_revised.pdf

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Dear Ms. Adams:

NMOCD approves of the proposed delineation for 1RP-4760 with these conditions:

- Permissible chloride levels are  $\leq 600$  mg/kg for horizontal and vertical delineation. For delineation to be considered complete, laboratory analyses are required from each soil sample for two depths (depth obtained and depth maintained 5 ft. further) and from the edges of the release area.
- Please provide all relevant field data.

Please confirm or inform if clarification is required.

Thanks,  
Olivia

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**From:** Adams, Noah J. (MRO) [mailto:njadams@marathonoil.com]  
**Sent:** Friday, August 25, 2017 1:00 PM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>  
**Cc:** Gram, Wendy W. (MRO) <wwgram@marathonoil.com>; Tucker, Shelly <stucker@blm.gov>; Amber Groves <agroves@slo.state.nm.us>  
**Subject:** RE: [External] RE: C-141 Form for 2017 07 05 Battle Federal #4H

Please find attached the proposed delineation / soil sampling plan for the produced water spill that occurred on the Battle Federal #4H. We are submitting this for permission to start the soil sampling. Please let us know if this plan looks acceptable to proceed.

Thanks, Noah

Noah Adams | HES Professional | Permian D&C  
Marathon Oil Company  
5555 San Felipe St. | Houston, TX 77056 | Room 1005  
O: 713-296-4532  
C: 713-591-4068  
[njadams@marathonoil.com](mailto:njadams@marathonoil.com)

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**From:** Yu, Olivia, EMNRD [mailto:[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)]  
**Sent:** Friday, July 21, 2017 5:16 PM  
**To:** Gram, Wendy W. (MRO) <[wwgram@marathonoil.com](mailto:wwgram@marathonoil.com)>; Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>; Amber Groves <[agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)>  
**Cc:** Adams, Noah J. (MRO) <[njadams@marathonoil.com](mailto:njadams@marathonoil.com)>  
**Subject:** [External] RE: C-141 Form for 2017 07 05 Battle Federal #4H

***Beware of links/attachments.***

Dear Ms. Gram:

Note: According to NMOCD database, mineral ownership is State, not Federal.

The 1RP for this incident is

4760	7/21/2017	A	Marathon Oil	Battle Federal #4H	30-025-42636	21S-33E-37M	7/4/2017
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Please note that a release characterization/delineation workplan as detailed in the attachment must be approved by NMOCD BEFORE any remediation work.

Also, please inspect the liner in question. It is NMOCD's understanding that all impacted material in the containment has been removed and the liner inspected for integrity. Provide NMOCD with a concise report of the inspection with affirmation the liner has and will continue to contain liquids. Pictures and a record of the removal of contaminated fill or proper disposal of liquids are strongly encouraged to accompany submission of initial C-141s.

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.

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**From:** Gram, Wendy W. (MRO) [<mailto:wwgram@marathonoil.com>]  
**Sent:** Wednesday, July 19, 2017 2:31 AM  
**To:** Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>; Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** Adams, Noah J. (MRO) <[njadams@marathonoil.com](mailto:njadams@marathonoil.com)>  
**Subject:** C-141 Form for 2017 07 05 Battle Federal #4H

Attached please find the completed initial C-141 form for the subject location. Please contact me if you have any questions.