

**From:** [Yu, Olivia, EMNRD](#)  
**To:** ["Karrigan, Callie N. \(MRO\)"; Hernandez, Christina, EMNRD; Tucker, Shelly](#)  
**Subject:** RE: Marathon - Battle Federal 4 - 1RP-4760 - Complied.pdf  
**Date:** Thursday, November 15, 2018 9:12:00 AM

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Good morning Ms. Karrigan:

Thank you for the follow-up. The closure report for 1RP-4760 was previously submitted by Tetrattech on March 9, 2018.

Please be advised that the conditions stipulated for approval of the proposed additional delineation and remediation plan on November 27, 2017 were not abided by. Therefore, the closure report for 1RP-4760 is not approved. Also, any area that could not be remediated will result in a deferral of the 1RP, not a closure. The data presented in the report dated March 9, 2018 will be considered for a deferral with complete remediation at time of abandonment, retrofit, or inactivity.

For future reference, please also note that to facilitate review, if there is a change in consultant, please ensure that the previously sampled locations and data are transferred to the updated release characterization/remediation plan.

BLM may have additional concerns or stipulations.

Thanks,  
Olivia

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**From:** Karrigan, Callie N. (MRO) <cnkarrigan@marathonoil.com>  
**Sent:** Friday, November 2, 2018 1:35 PM  
**To:** Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Tucker, Shelly <stucker@blm.gov>  
**Subject:** [EXT] Marathon - Battle Federal 4 - 1RP-4760 - Complied.pdf

All,

I was looking through my notes and this closure may have not been submitted. Please disregard if this has been received by someone else.

Callie

**From:** [Gonzales, Clair](#)  
**To:** [Yu, Olivia, EMNRD](#)  
**Cc:** [Van Curen, Jennifer \(MRO\)](#); [Karrigan, Callie N. \(MRO\)](#); [Tavarez, Ike](#)  
**Subject:** Marathon - Battle Federal #4H Closure Request (1RP-4760)  
**Date:** Friday, March 9, 2018 1:17:47 PM  
**Attachments:** Marathon - Battle Federal #4H Closure Report (1RP-4760).pdf

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Good Afternoon,

Attached is the closure report for the above referenced site located in Lea County, New Mexico. The closure report details the sampling and remediation activities that were performed at the site. Let me know if you have any questions or concerns.

Thank you,

***Clair Gonzales***

**Clair Gonzales** | Project Manager

Phone: 432.687.8123 | Mobile 432.260.8634 | Fax:432.682.3946

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**From:** [Tavarez, Ike](#)  
**To:** [Yu, Olivia, EMNRD](#)  
**Cc:** [Van Curen, Jennifer \(MRO\)](#); [Bridget Todd](#); [Gonzales, Clair](#)  
**Subject:** Marathon - Battle Federal 4H -Lea County - Remediation Notification - 1RP 4760  
**Date:** Wednesday, January 17, 2018 2:15:38 PM

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Olivia,

Sorry for the late notification, Marathon is scheduled to performed the proposed remediation at the above referenced site on Thursday (1-18-19). Tetra Tech will perform the proposed remediation in accordance to the approved work plan submitted by Terracon. All of the excavated material will be hauled to proper disposal. Once excavated to the appropriate depths, the excavated areas will be backfilled with clean material to grade. Tetra Tech will then follow-up with a closure report for the site. Let me know if you need additional information, thanks

**Ike Tavarez, PG | Senior Project Manager**

Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

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**From:** [Bridget Todd](#)  
**To:** [Yu, Olivia, EMNRD](#)  
**Subject:** RE: proposed work plan for Battle Federal 4H (NMOCD No. 1RP-4760)  
**Date:** Friday, December 8, 2017 3:51:41 PM  
**Attachments:** image001.png  
image003.png

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Thank you. We will refer to the documentation.

Regards,

**Bridget Todd** | Environmental Advisor | BJ Services  
Main (281) 408 2361 Office (281) 786 0913 Mobile (281) 908 9083

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**From:** Yu, Olivia, EMNRD [mailto:[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)]  
**Sent:** Friday, December 8, 2017 4:47 PM  
**To:** Bridget Todd <[BRIDGET.TODD@bjservices.com](mailto:BRIDGET.TODD@bjservices.com)>  
**Subject:** RE: proposed work plan for Battle Federal 4H (NMOCD No. 1RP-4760)

Ms. Todd:

Pardon the belated response. Yes. Vertical and horizontal delineation must be to 600 mg/kg chlorides. Laboratory reports of confirmatory samples of remedial activities must also demonstrate 600 mg/kg chlorides. Ms. Van Curen (Marathon) has already agreed. See documentation on OCD online under 1RP-4760.

Thanks,  
Olivia

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**From:** Bridget Todd [<mailto:BRIDGET.TODD@bjservices.com>]  
**Sent:** Wednesday, November 15, 2017 11:55 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Subject:** proposed work plan for Battle Federal 4H (NMOCD No. 1RP-4760)

Ms. Yu,

As I mentioned earlier on the phone, BJ Services would like to clarify the comments and get your input on soil levels for chlorides. In the original delineation plan, you noted that delineation should be completed to 600 mg/kg horizontally and vertically. Based on depth to ground water and proximity to surface waters, we proposed a cleanup level of 1,000 mg/kg for chlorides. BJ proposes to cleanup to 1,000 mg/kg and collect side wall and 5' vertical confirmation samples. Please advise if this is agreeable and we will finalize and submit our remediation plan to begin cleanup activities.

Regards,

**Bridget Todd** | Environmental Advisor | BJ Services

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