

**From:** Mark Larson  
**To:** [Patterson, Heather, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Weaver, Crystal, EMNRD](#); [hprice@blm.gov](mailto:hprice@blm.gov)  
**Subject:** Re 2RP-3875, Nash Draw Tank Battery #24, Delineation Results from DP-05-02, November 8, 2016  
**Date:** Wednesday, November 09, 2016 3:12:16 PM  
**Attachments:** Figure 4 - Site Map Showing Direct Push Sample Locations, Proposed Excavation Areas and Depths.pdf  
Table 1, Nash Draw Tank Battery 24.pdf  
6K08010 PBELSTD\_NELAC\_COC\_PDF\_NEW rev1 (1) FINAL 11 09 16 1059.pdf

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Heather,

Per the remediation plan for the Nash Draw Tank Battery #24 (2RP-3875) soil samples were collected at location DP-05-02 on November 8, 2016. A sample was collected with a track hoe at 6 feet below ground surface (bgs). However after excavating soil to 8 feet bgs the soil was moist to the point of saturation with groundwater therefore no sample was collected from this depth interval. The sample from 6 feet bgs was analyzed for chloride and reported 369 mg/Kg. The chloride concentration in previous sample from DP-05-02 at 6 feet was 67.9 mg/Kg and the samples from 8 feet was 666 mg/Kg. The chloride results for the sample from 8 feet bgs is reflective of elevated chloride in groundwater due to proximity of the playa lake. Given these findings XTO proposes to excavate soil from the area 15 x 15 feet based on field observations, around DP-05-02 to about 4 feet bgs. Samples will be collected from the excavation sidewalls for laboratory analysis (BTEX and TPH) to determine if concentrations are below the RRAL. Additional soil will be removed as necessary to achieve the RRAL. A 20 mil thickness liner will be placed in the bottom of the excavation and filled to surface with clean soil. Attached are the revised drawing showing the sample location (DP-05-02), proposed remediation area and depth, updated analytical data summary and laboratory report. Your approval of the revised remediation plan is requested and appreciated. Please contact Dudley McMinn with XTO at (432) 682-8873 or me if you have questions.

Respectfully,

Mark J. Larson, P.G.  
President/Sr. Project Manager  
507 N. Marienfeld St., Suite 205  
Midland, Texas 79701  
Office – 432-687-0901  
Cell – 432- 556-8656  
Fax – 432-687-0456  
[mark@laenvironmental.com](mailto:mark@laenvironmental.com)



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**From:** Mark Larson  
**Sent:** Monday, November 07, 2016 7:39 PM  
**To:** 'Patterson, Heather, EMNRD'; 'Bratcher, Mike, EMNRD'; 'Crystal.Weaver@state.nm.us'; 'hprice@blm.gov'

**Cc:** 'McMinn, Dudley'; 'Williams, Luke'

**Subject:** Re 2RP-3875, Remediation Plan, Nash Draw Tank Battery #24, November 2, 2016

All,

Please find attached remediation plan for the Nash Draw Tank Battery #24. The plan was revised to include BTEX in excavation samples, where applicable, and the laboratory report for soil samples collected on September 29, 2016. Remediation will commence on Tuesday, November 8, 2016, per our verbal discussion and approval yesterday. Please contact Dudley McMinn with XTO at (432) 682-8873 or me if you have questions.

Respectfully,

Mark J. Larson, P.G.

President/Sr. Project Manager

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**From:** Mark Larson

**Sent:** Thursday, November 03, 2016 5:09 PM

**To:** 'Patterson, Heather, EMNRD'; 'Bratcher, Mike, EMNRD'; 'Crystal.Weaver@state.nm.us'

**Cc:** 'McMinn, Dudley'; 'Williams, Luke'

**Subject:** Re: 2RP-3875, Remediation Plan, Nash Draw Tank Battery #24, November 2, 2016

All,

Per the meeting on November 2, 2016, please find the attached remediation plan for the Nash Draw Tank Battery #24 (2RP-3875) located in Eddy County, New Mexico. The remediation plan is submitted on behalf of XTO Energy, Inc. Remediation will commence on Tuesday, November 8, 2016, per our verbal discussion and approval yesterday. Please contact Dudley McMinn with XTO at (432) 682-8873 or me if you have questions.

Respectfully,

Mark J. Larson, P.G.

President/Sr. Project Manager

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**From:** Patterson, Heather, EMNRD [<mailto:Heather.Patterson@state.nm.us>]  
**Sent:** Friday, October 28, 2016 11:51 AM  
**To:** Mark Larson; Bratcher, Mike, EMNRD  
**Cc:** McMinn, Dudley; Williams, Luke  
**Subject:** RE: Meeting to Discuss Delineation Results for 2RP-3873, 2RP-3875, 2PR-3876 and 2RP-3677, XTO Energy, In Nash Draw Tank Batteries

Mark,

Wednesday at 10am will work for us.

**Heather Patterson**  
**Environmental Specialist**  
**NMOCD District II**  
**Office (575)748-1283 ext.101**  
**Cell (575)703-0228**

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**From:** Mark Larson [<mailto:Mark@laenvironmental.com>]  
**Sent:** Friday, October 28, 2016 7:10 AM  
**To:** Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD  
**Cc:** McMinn, Dudley; Williams, Luke  
**Subject:** RE: Meeting to Discuss Delineation Results for 2RP-3873, 2RP-3875, 2PR-3876 and 2RP-3677, XTO Energy, In Nash Draw Tank Batteries

Heather/Mike,

May we schedule a meeting at 10:00AM on Wednesday, November 2, 2016 or Thursday, November 3, 2016, for purposes of discussing the delineation and remediation plans for the XTO Energy Nash Draw abandoned battery site? Please let me know if this or another time will work with your schedule.

Mark J. Larson, P.G.  
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**From:** Patterson, Heather, EMNRD [<mailto:Heather.Patterson@state.nm.us>]  
**Sent:** Monday, October 24, 2016 2:08 PM  
**To:** Mark Larson; Bratcher, Mike, EMNRD  
**Cc:** McMinn, Dudley; Williams, Luke  
**Subject:** RE: Request for Meeting to Discuss Delineation Results for 2RP-3873, 2RP-3875, 2PR-3876 and 2RP-3677, XTO Energy, In Nash Draw Tank Batteries

Mark,

Unfortunately, we are booked that morning and early afternoon with regulatory meetings. Is there another day that might work for you?

Heather Patterson  
Environmental Specialist  
NMOCD District II  
Office (575)748-1283 ext.101  
Cell (575)703-0228

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**From:** Mark Larson [<mailto:Mark@laenvironmental.com>]  
**Sent:** Monday, October 24, 2016 9:49 AM  
**To:** Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD  
**Cc:** McMinn, Dudley; Williams, Luke  
**Subject:** Re: Request for Meeting to Discuss Delineation Results for 2RP-3873, 2RP-3875, 2PR-3876 and 2RP-3677, XTO Energy, In Nash Draw Tank Batteries

Mike/Heather,

Would you have time to meet this Thursday, October 27, 2016 at around 10:00 AM (New Mexico) to discuss the delineation sample results and proposed remediation for the XTO Energy Nash Draw site? I have a meeting scheduled at your office at 3pm

With Jim Griswold and Brad Billings and though it could be beneficial to meet earlier to discuss the delineation results and remediation for the Nash Draw sites?

Thank you,

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Mark Larson