

From: stucker
To: [Yu, Olivia, EMNRD](#); [Mark Larson](#); [Hernandez, Christina, EMNRD](#)
Cc: ["Pennington, Shelby"](#)
Subject: Re: [EXTERNAL] RE: 1RP-4721 - XTO Energy, Inc., EMSU Well #410 Produced Water Spill, Final Delineation Report, August 2, 2018
Date: Wednesday, August 29, 2018 3:38:23 PM

BLM accepts your additional information and concurs with NMOCD approval.

Thank you,
Shelly J Tucker
Lead Environmental Protection Specialist

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Yu, Olivia, EMNRD" <Olivia.Yu@state.nm.us>
Date: 8/28/18 14:45 (GMT-07:00)
To: Mark Larson <Mark@laenvironmental.com>, "Hernandez, Christina, EMNRD" <Christina.Hernandez@state.nm.us>, stucker@blm.gov
Cc: "Pennington, Shelby" <Shelby_Pennington@xtoenergy.com>
Subject: [EXTERNAL] RE: 1RP-4721 - XTO Energy, Inc., EMSU Well #410 Produced Water Spill, Final Delineation Report, August 2, 2018

Mr. Larson:

Thank you for the additional delineation. NMOCD considers vertical delineation completed for 1RP-4721. For the proposed remediation, in addition to the proposed excavation at HA-1, to address the impacted soil under the release area,

1. NMOCD requires 4 ft. removal of the area represented by S-1, S-2, S-3, S-4, S-11, S-12, S-13, installation of a minimal 20 mil liner, and backfill the excavated soil back on top of the liner. Sampling of backfill material will not be required, except for the area represented by HA-1 (release point) and S-13. For this area, backfill material must be sampled every 75 cubic yards and submitted for laboratory analyses of chlorides.
2. Sidewall confirmation samples of the area to be lined are required at no greater than 50 ft. intervals. Chloride levels at depth are not considered historic in nature due to the geology and volume of release.
3. Dated photo documentation required of remedial activities, including properly keyed liner. Include a scaled map with the lined, excavated area demarcated and confirmation sample locations marked, in relation to delineation sample locations. Outline HA-1 and S-13 area, in which backfilled soil was tested.

Please confirm or inform for clarifications.

Like approval from BLM required. BLM may have other concerns or stipulations.

Thanks,

Olivia

From: Mark Larson <Mark@laenvironmental.com>

Sent: Thursday, August 9, 2018 5:42 PM

To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>

Cc: 'Pennington, Shelby' <Shelby_Pennington@xtoenergy.com>

Subject: Re: 1RP-4721 - XTO Energy, Inc., EMSU Well #410 Produced Water Spill, Final Delineation Report, August 2, 2018

Dear Ms. Yu and Ms. Hernandez,

Larson & Associates, Inc. (LAI), on behalf of XTO Energy, Inc. (XTO) submits the attached report for delineation of a produced water spill at the Eunice Monument South Unit (EMSU) Well #410 in Lea County, New Mexico. Please contact Shelby Pennington with XTO at (432) 571-8276 or Shelby_Pennington@xtoenergy.com or me if you have questions.

Respectfully,

Mark J. Larson, P.G.

President/Sr. Project Manager

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Logo



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