

From: [Yu, Olivia, EMNRD](#)
To: ["Sarah Johnson"; Tucker, Shelly](#)
Cc: [Mark Larson; Dudley_McMinn@xtoenergy.com; Shannon_Walker@xtoenergy.com;](#)
[Luke_Williams@xtoenergy.com](#)
Subject: RE: 1RP-4721 - Delineation Plan, EMSU Well #410, September 21, 2017
Date: Wednesday, October 4, 2017 11:08:00 AM
Attachments: approved_1RP-4721 Delineation Plan EMSU Well #410 September 20 2017.pdf

Dear Ms. Johnson:

Acknowledged. Please see the attachment for your records.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
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.

From: Sarah Johnson [mailto:SJohnson@laenvironmental.com]
Sent: Wednesday, October 4, 2017 9:38 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Tucker, Shelly <stucker@blm.gov>
Cc: Mark Larson <Mark@laenvironmental.com>; Dudley_McMinn@xtoenergy.com;
Shannon_Walker@xtoenergy.com; Luke_Williams@xtoenergy.com
Subject: RE: 1RP-4721 - Delineation Plan, EMSU Well #410, September 21, 2017

Dear Ms. Yu,

This message is submitted to the New Mexico Oil Conservation Division (OCD) on behalf of XTO Energy, Inc. (XTO) in response to your question concerning the delineation plan for 1RP-4721:

Condition: The depth to groundwater did not change much, but there is more recent USGS data from 2011. NMOCD approves of the proposed delineation for 1RP-4721 with one condition. Permissible chloride values for delineation and remediation are 600 mg/kg, not 1000 mg/kg. Due to the depth to groundwater, the additional 10 ft. is not necessary. Delineate to 600 mg/kg and maintained for 3-4 ft. further in depth.

Response: *The more recent USGS data from 2011 is recognized. The release will be delineated to 600 mg/Kg, rather than 1,000 mg/Kg with concentrations below 600 mg/kg for 3-4 ft further in*

depth.

Respectfully,

Sarah Johnson
Staff Geologist
507 N. Marienfeld St., Suite 205
Midland, Texas 79701
Office – 432-687-0901
Cell – 432-664-5357
Fax – 432-687-0456
sjohnson@laenvironmental.com



From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]
Sent: Tuesday, October 03, 2017 10:55 AM
To: Sarah Johnson; Tucker, Shelly
Cc: Mark Larson; [Dudley McMinn@xtoenergy.com](mailto:Dudley_McMinn@xtoenergy.com); [Shannon Walker@xtoenergy.com](mailto:Shannon_Walker@xtoenergy.com); [Luke Williams@xtoenergy.com](mailto:Luke_Williams@xtoenergy.com)
Subject: RE: 1RP-4721 - Delineation Plan, EMSU Well #410, September 21, 2017

Dear Ms. Johnson:

Note:

- The depth to groundwater did not change much, but there is more recent USGS data from 2011.

NMOCD approves of the proposed delineation for 1RP-4721 with one condition. Permissible chloride values for delineation and remediation are 600 mg/kg, not 1000 mg/kg. Due to the depth to groundwater, the additional 10 ft. is not necessary. Delineate to 600 mg/kg and maintained for 3-4 ft. further in depth.

Please confirm.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I

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.

From: Sarah Johnson [<mailto:SJohnson@laenvironmental.com>]

Sent: Thursday, September 21, 2017 1:07 PM

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

Cc: Mark Larson <Mark@laenvironmental.com>; Dudley_McMinn@xtoenergy.com; Shannon_Walker@xtoenergy.com; Luke_Williams@xtoenergy.com

Subject: 1RP-4721 - Delineation Plan, EMSU Well #410, September 21, 2017

Ms. Yu,

Larson & Associates, Inc. (LAI), on behalf of XTO Energy, Inc. (XTO), submits the attached delineation plan for the produced water spill at EMSU #410 (1RP-4721) in Lea County, New Mexico. Your approval of the delineation plan is requested. Please contact Dudley McMinn with XTO at (432) 682-8873 or mcminn@xtoenergy.com or me if you have questions.

Respectfully,

Sarah Johnson
Staff Geologist
507 N. Marienfeld St., Suite 205
Midland, Texas 79701
Office – 432-687-0901
Cell – 432-664-5357
Fax – 432-687-0456
sjohnson@laenvironmental.com

