

From: [Yu, Olivia, EMNRD](#)
To: ["Mark Larson"; Billings, Bradford, EMNRD](#)
Cc: ["ggfenton@aol.com"; "David Plaisance"; "paladinmid@suddenlink.net"](#)
Subject: RE: 1RP-4723, Delineation Report, East Caprock SWD #5 Produced Water Spill, July 20, 2017
Date: Thursday, August 10, 2017 3:51:00 PM

Dear Mr. Larson:

Please address these concerns regarding 1RP-4723.

1. The area represented by S1 does not have vertical delineation completed. If the groundwater monitoring data from 1RP-4666 is proposed to be utilized for this release, please clearly state this application.
2. S2, S3, and S4 are not completely delineated vertically. Please provide rationale for 1 ft. excavation for the area represented by S2 - S4.
3. Delineation data indicate that the chloride and/or TPH levels at the proposed excavation depths for the specified areas exceed permissible values. In areas where the bottom of the excavation exceeds permissible chloride and TPH levels, proceed to excavation to the next foot.
4. Each separately defined areas, based on proposed excavation depths as demarcated in Figure 4, must have confirmatory bottom and sidewall samples. Mark confirmation sample locations on another scaled map.

Thanks,
Olivia

From: Mark Larson [mailto:Mark@laenvironmental.com]
Sent: Friday, July 21, 2017 8:40 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: 'ggfenton@aol.com' <ggfenton@aol.com>; 'David Plaisance' <dplaisance@paladinenergy.com>; 'paladinmid@suddenlink.net' <paladinmid@suddenlink.net>
Subject: FW: 1RP-4723, Delineation Report, East Caprock SWD #5 Produced Water Spill, July 20, 2017

Olivia,
Larson & Associates, Inc. (LAI), on behalf of Paladin Energy Corporation (Paladin), submits the above captioned report for delineation of a produced water spill at the East Caprock SWD #5 in Le County, New Mexico. The delineation was performed according to the plan submitted to the OCD on June 21, 2017. Additional samples were collected to assess the vertical limits of the spill. The document presents the proposed remediation plan for the spill. Please use the link below to download the report. Please contact Mickey Horn with Paladin at (432) 63406599 or paladinmidland@suddenlink.net or me if you have questions.

Link: <https://files.acrobat.com/a/preview/2511c632-c03c-42ea-b4d6-ef732f7ec48c>

Respectfully,

Mark J. Larson, P.G.

President/Sr. Project Manager
507 N. Marienfeld St., Suite 205
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mark@laenvironmental.com



“Serving the Permian Basin Since 2000”

From: Mark Larson
Sent: Wednesday, June 28, 2017 7:43 AM
To: 'Yu, Olivia, EMNRD'
Cc: 'ggfenton@aol.com'; 'David Plaisance'; 'paladinmid@suddenlink.net'
Subject: FW: 1RP-4723, Delineation Plan, East Caprock SWD Well #5 Produced Water Sill, June 21, 2017

Olivia,

This is to let you know that personnel from Larson & Associates, Inc. (LAI) will be at the location of the spill (1RP-4723) Wednesday, June 28, 2017, for the purpose of collecting soil sample to delineate the extent of the produced water release at the above-referenced location. Soil samples will be collected according to the attached delineation plan that was submitted to the OCD on behalf of Paladin Energy Corporation (Paladin) on June 22, 2017. Please contact Mickey Horn with Paladin at (432) 63406599 or paladinmidland@suddenlink.net or me if you have questions.

Respectfully,

Mark J. Larson, P.G.
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“Serving the Permian Basin Since 2000”

From: Mark Larson
Sent: Thursday, June 22, 2017 1:26 PM
To: 'Yu, Olivia, EMNRD'

Cc: 'ggfenton@aol.com'; 'David Plaisance'; 'paladinmid@suddenlink.net'

Subject: Re: 1RP-4723, Delineation Plan, East Caprock SWD Well #5 Produced Water Sill, June 21, 2017

Olivia,

On behalf of Paladin Energy Corporation (Paladin) please find the attached delineation plan for assessing the extent of impact from the produced water spill at the East Caprock SWD Well #5 in Lea County, New Mexico. Please contact Mickey Horn with Paladin at (432) 63406599 or paladinmidland@suddenlink.net or me if you have questions.

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