

From: [Yu, Olivia, EMNRD](#)
To: [Buddy Richardson](#); [Billings, Bradford, EMNRD](#)
Cc: [Darrell Pennington](#); [Matt Patterson \(mpatterson@ramenergy.net\)](mailto:mpatterson@ramenergy.net)
Subject: RE: 1R-4587
Date: Wednesday, August 30, 2017 3:09:00 PM

Dear Mr. Richardson:

Thank you for your prompt response. The below information can be incorporated into a subsequent delineation report. Please address these concerns regarding 1RP-4587. Given the proximity of the surface water body and the depth to groundwater, delineation is not complete. As stated in the email from March 10, 2017, for complete vertical delineation, permissible chloride levels are 250 mg/kg obtained and maintained for 10 ft. further in depth. Therefore:

1. HA-1, HA-3, HA-4, and WSB do not have complete vertical delineation.
2. For HA-2, permissible chloride levels are obtained at 20 ft. bgs; however, there are no additional depths.
3. ESB and SSB have sufficient data for vertical delineation.
4. Based on surface samples of ESB, SSB, and WSB, horizontal delineation of the release area is not complete.
5. Please demarcate the dimensions of the release area on the scaled map.

Due to the depth to groundwater, a temporary groundwater monitoring well may be required to determine potential impact of release.

Please inform if additional clarification is required.

Thanks,
Olivia

From: Buddy Richardson [mailto:Buddy.Richardson@eccgrp.com]
Sent: Wednesday, August 30, 2017 10:23 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Darrell Pennington <dpennington@ramenergy.net>; Matt Patterson (mpatterson@ramenergy.net) <mpatterson@ramenergy.net>
Subject: RE: 1R-4587

Ms. Yu,

There is a small pond approximately 120 feet x 100 feet in size that is located immediately on the north side of the Yates State #2 Site. This shows up as a small depression on the topo map but as a water filled pond on the Google Earth image. It is approximately 168 feet north of the impacted area that is the subject of 1R-4587. Although this is an isolated surface water body, it is a water body non-the-less. If you would like I can revise the Applicable Regulatory Levels section of our Report and Proposed Work Plan (Page 3 and 4) to state the distance to the nearest surface water body is less than 200 horizontal feet and give that category of the ranking 20 points. This will cause the total ranking score of

the site to go from 40 points to 60 points. Because the previous site ranking already had the site within the most protective cleanup levels, the RRALs used in our Report and Proposed Work Plan would be unchanged. Would you like for me to make these changes and re-submit? Please advise. Thanks.

Buddy Richardson

From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]
Sent: Tuesday, August 29, 2017 3:28 PM
To: Buddy Richardson <Buddy.Richardson@eccgrp.com>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Darrell Pennington <dpennington@ramenergy.net>; Matt Patterson (mpatterson@ramenergy.net) <mpatterson@ramenergy.net>
Subject: RE: 1R-4587

Dear Mr. Richardson:

A google earth image indicates the potential presence of a playa to the north of the release location for 1RP-4587. Please verify.

Thanks,
Olivia

From: Buddy Richardson [<mailto:Buddy.Richardson@eccgrp.com>]
Sent: Monday, July 31, 2017 10:04 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: Darrell Pennington <dpennington@ramenergy.net>; Matt Patterson (mpatterson@ramenergy.net) <mpatterson@ramenergy.net>
Subject: 1R-4587

Ms. Yu,

On behalf of our client, RAM Energy LLC (RAM), Enviro Clean Cardinal, LLC (ECC) submits the attached **Release Characterization Report and Proposed Remediation Work Plan** for RAM's Yates State #2 Tank Battery site located in Lea County, New Mexico (NMOCD Remediation Case No. 1R-4587). This project was started by Mr. Bill Green of ECC's Midland office and I took over as the project manager for this site when Bill left our company on April 21, 2017. If you have any questions regarding this report or the remediation we have proposed, please do not hesitate to contact me at 918-794-7828. Thanks.

Buddy Richardson



George H. (Buddy) Richardson, P.G.

Manager Hydrogeology | Enviro Clean Cardinal

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