

**From:** Frank Engallina  
**To:** [Yu, Olivia, EMNRD](#); [Billings, Bradford, EMNRD](#)  
**Cc:** [Billy Moore](#); [Jason Wacker](#)  
**Subject:** Re: IRP #1849 - Angell #1 Release Characterization Report  
**Date:** Thursday, June 22, 2017 4:18:26 PM  
**Attachments:** image001.png

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Olivia,

At this time, BC Operating has removed the tanks and associated equipment at the Angell #1. BC plans to continue the with delineation/remediation of the tank battery per the NMOCD guidance provided in your response.

- Further vertical delineation at V1 to 30 ft. Scheduled for June 26<sup>th</sup>.
- Excavation of the bermed tank battery area to 4 ft. with confirmation samples to complete horizontal delineation and proper installation of a minimum 20 mil. liner.
- Surface soils will be removed on the south and southeast sides of the tank battery area with confirmation samples collected for TPH and chloride. BC may elect to include these areas in the 4 ft. excavation to be lined before backfill.

Please let me know if you have any questions or comments.

Thank you,

Frank Engallina

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**From:** "Yu, Olivia, EMNRD"

**Date:** Thursday, June 8, 2017 at 3:39 PM

**To:** Frank Engallina , "Billings, Bradford, EMNRD"

**Cc:** Billy Moore , Jason Wacker

**Subject:** RE: IRP #1849 - Angell #1 Release Characterization Report

Dear Frank:

NMOCD will approve the proposed delineation report for 1RP-1849 under these conditions:

1. Further vertical delineation at V1 to 30 ft. bgs. Permissible chloride levels ( $\leq 600$  mg/kg) must be maintained, otherwise the additional 10 ft. delineation recommences.
2. NMOCD recommends a 4 ft. excavation & properly keyed liner (minimum 20 mil) for the bermed tank battery area. Confirmation laboratory samples of edges, sidewalls and bottom of excavation in order to complete horizontal delineation.
3. 6" removal of contaminated soil at ES2-0 and S2-0 with confirmation laboratory samples for TPH and chlorides.

Please confirm. Additional questions regarding permissible chloride levels for delineation and remediation can be addressed to Bradford.

Thanks,

Olivia Yu

Environmental Specialist

NMOCD, District I

[Olivia.yu@state.nm.us](mailto: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.

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**From:** Frank Engallina [mailto:[pikeenergyservices@gmail.com](mailto:pikeenergyservices@gmail.com)]

**Sent:** Wednesday, May 31, 2017 10:50 AM

**To:** Yu, Olivia, EMNRD

**Cc:** Billy Moore ; Jason Wacker

**Subject:** IRP #1849 - Angell #1 Release Characterization Report

Olivia,

Please find the attached Release Characterization Report for The Angell #1. We would like to push forward with a recommendation for closure as soon as possible.

Please feel free to call me when you have time to discuss our next best steps.

Thank you,

**Frank Engallina**

**Pike Energy Services, LLC**

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