

**From:** [Yu, Olivia, EMNRD](#)  
**To:** ["Sarah Johnson"; stucker@blm.gov](#)  
**Cc:** [bcunningham@legacyp.com](#); [Mark Larson](#)  
**Subject:** RE: 1RP-4636 Hamon Tank Battery Delineation Plan  
**Date:** Friday, March 9, 2018 9:50:00 AM  
**Attachments:** approved\_1RP-4636 Hamon Tank Battery Delineation Plan.pdf

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Good morning Ms. Johnson:

NMOCD approves of the proposed delineation plan for 1RP-4636 with the additional delineation locations as indicated below. Please remember to mark the release location on a scaled map in the next report.

Like approval from BLM required.

Thanks,  
Olivia

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**From:** Sarah Johnson [mailto:SJohnson@laenvironmental.com]  
**Sent:** Tuesday, February 27, 2018 3:58 PM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; stucker@blm.gov  
**Cc:** bcunningham@legacyp.com; Mark Larson <Mark@laenvironmental.com>  
**Subject:** RE: 1RP-4636 Hamon Tank Battery Delineation Plan

Dear Ms. Yu,

*Condition: Please address this concern regarding the proposed delineation plan for 1RP-4636. The initial C-141 stated that the release area was around the separator. Please provide a rationale why all except one of the delineation sample locations are located in the pasture.*

Response: The separator was located near the northwest corner of the pad and the majority of the liquid flowed northwest off the pad and pooled in the pasture. LAI has included a soil sample near the northwest corner of the pad in close proximity to the former separator. Legacy removed the separator following the incident and scraped visibly contaminated soil from the pad. LAI was called in to complete the delineation after Legacy rebuilt the tank battery. Equipment is now located over the area. LAI is proposing to collect soil samples at three (3) locations around the equipment where access is available for the direct push rig. LAI will also delineate the area where liquid pooled in the pasture northwest of the pad.

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](mailto:sjohnson@laenvironmental.com)



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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]  
**Sent:** Tuesday, January 2, 2018 3:56 PM  
**To:** Sarah Johnson; [stucker@blm.gov](mailto:stucker@blm.gov)  
**Cc:** [bcunningham@legacylp.com](mailto:bcunningham@legacylp.com); Mark Larson  
**Subject:** RE: 1RP-4636 Hamon Tank Battery Delineation Plan

Ms. Johnson:

Please address this concern regarding the proposed delineation plan for 1RP-4636. The initial C-141 stated that the release area was around the separator. Please provide a rationale why all except one of the delineation sample locations are located in the pasture.

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:** Sarah Johnson [<mailto:SJohnson@laenvironmental.com>]  
**Sent:** Tuesday, December 26, 2017 9:41 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** [bcunningham@legacylp.com](mailto:bcunningham@legacylp.com); Mark Larson <[Mark@laenvironmental.com](mailto:Mark@laenvironmental.com)>  
**Subject:** 1RP-4636 Hamon Tank Battery Delineation Plan

Dear Ms. Yu,

Larson & Associates, Inc. (LAI), on behalf of Legacy Reserves Operating, LP (Legacy), submits the attached delineation plan for a produced water spill at the Hamon Tank Battery (1RP-4636) in Lea County, New Mexico. Your approval of the delineation plan is requested. Please feel free to contact Brian Cunningham with Legacy at (575) 391-1464 or [bcunningham@legacy.com](mailto:bcunningham@legacy.com), me at (432) 687-0901 (office) or (432) 664-5357 (cell) or Mark Larson if you have any 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](mailto:sjohnson@laenvironmental.com)







Figure 4 - Recent Aerial Map with Proposed Sample Points