

**From:** [Yu, Olivia, EMNRD](#)  
**To:** "Sarah Johnson"  
**Cc:** [jsoriano@legacylp.com](mailto:jsoriano@legacylp.com); [Mark Larson](#)  
**Subject:** RE: 1RP-4229 W.A. Simpson Tank Battery Delineation Plan, February 15, 2018  
**Date:** Thursday, March 8, 2018 1:11:00 PM  
**Attachments:** approved\_1RP-4229 W.A. Simpson Delineation Plan.pdf

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Ms. Johnson:

Thank you for the additional information. NMOCD approves of the proposed delineation plan for 1RP-4229.

Thanks,  
Olivia

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**From:** Sarah Johnson [mailto:SJohnson@laenvironmental.com]  
**Sent:** Wednesday, March 7, 2018 9:55 AM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>  
**Cc:** [jsoriano@legacylp.com](mailto:jsoriano@legacylp.com); [Mark Larson <Mark@laenvironmental.com>](mailto:Mark@laenvironmental.com)  
**Subject:** RE: 1RP-4229 W.A. Simpson Tank Battery Delineation Plan, February 15, 2018

Dear Ms. Yu,

*Condition:*

*Please address this concern regarding the proposed delineation plan for 1RP-4229:*

- *Is there a berm separating the water tanks from the East side of the location, where the heater treater is? Difficult to distinguish in the photos.*
- *If so, is there evidence that the release was confined to the tank area? Aerial imagery suggests that there likely was a release in the eastern section of this location.*

Response:

- There is a berm separating the water tanks from the East side of the location, where the heater treater is located. Please see attached image presenting berm location.
- LAI has added three (3) additional sample locations in the east area of the site to account for any fluids that may have breached the berm and flowed into this area. Please see the attached aerial image presenting the additional sample locations. Your approval of the amended proposed sample locations is requested.

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:** Thursday, March 1, 2018 2:29 PM  
**To:** Sarah Johnson  
**Cc:** [jsoriano@legacylp.com](mailto:jsoriano@legacylp.com); Mark Larson  
**Subject:** RE: 1RP-4229 W.A. Simpson Tank Battery Delineation Plan, February 15, 2018

Ms. Johnson:

Please address this concern regarding the proposed delineation plan for 1RP-4229:

- Is there a berm separating the water tanks from the East side of the location, where the heater treater is? Difficult to distinguish in the photos.
- If so, is there evidence that the release was confined to the tank area? Aerial imagery suggests that there likely was a release in the eastern section of this location.

Thanks,  
Olivia

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**From:** Sarah Johnson [<mailto:SJohnson@laenvironmental.com>]  
**Sent:** Thursday, February 15, 2018 2:01 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** [jsoriano@legacylp.com](mailto:jsoriano@legacylp.com); Mark Larson <[Mark@laenvironmental.com](mailto:Mark@laenvironmental.com)>  
**Subject:** 1RP-4229 W.A. Simpson Tank Battery Delineation Plan, February 15, 2018

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 W.A. Simpson (1RP-4229) in Lea County, New Mexico. Your approval of the delineation plan is requested. Please feel free to contact Manuel Soriano with Legacy at (432) 269-8806 or [jsoriano@legacylp.com](mailto:jsoriano@legacylp.com) , or me at (432) 687-0901 (office) or (432) 664-5357 (cell) 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 1 - Aerial Map



W-A Simpson, prior to remediation showing berm running north to south, separating the water tanks from the east side of the location where the heater treater is located.