

**From:** [Yu, Olivia, EMNRD](#)  
**To:** [Mark Larson](#)  
**Cc:** ["Higginbotham, Christina"](#); ["Wrangham, Calvin W."](#); ["Duncan, Randy"](#); ["England, Ralph E."](#); ["Klein, Cindy D."](#)  
**Subject:** RE: 1RP-4787 - Delineation Plan for NGL Release  
**Date:** Monday, October 16, 2017 9:51:00 AM  
**Attachments:** approved\_1RP-4787 - Delineation Pan, NGL Release, Lea County, New Mexico, August 16, 2017.pdf  
1RP4787\_approvedFigure 2 - Aerial Map Showing Soil Sample Locations.pdf

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Dear Mr. Larson:

NMOCD approved of the additional delineation and sampling of the overspray area for 1RP-4787. Please see attachments for your records.

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:** Mark Larson [mailto:Mark@laenvironmental.com]  
**Sent:** Monday, October 2, 2017 3:59 PM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>  
**Cc:** 'Higginbotham, Christina' <chigginbotham@targaresources.com>; 'Wrangham, Calvin W.' <CalvinWrangham@targaresources.com>; 'Duncan, Randy' <RDuncan@targaresources.com>; 'England, Ralph E.' <REngland@targaresources.com>; 'Klein, Cindy D.' <CynthiaKlein@targaresources.com>  
**Subject:** Re: 1RP-4787 - Delineation Plan for NGL Release

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Olivia,

This message is submitted to the New Mexico Oil Conservation Division (OCD on behalf of Targa Midstream Services, LLC (Targa) in response to your request for additional information pertaining to delineation samples from the overspray area for 1RP-4787. Please find the attached exhibit showing proposed locations for collecting confirmation soil samples (0 to 6 inches) from the overspray area north of S-7. The samples will be analyzed for total petroleum hydrocarbons (TPH) including gasoline range organics (GRO) diesel range organics and oil range organics (ORO) by EPA WSW-846 Method 8015M and chloride by Method 300. Please contact Christina Higginbotham with Targa at (713) 584-1396 or email [chigginbotham@targaresources.com](mailto:chigginbotham@targaresources.com) or me if you have questions or if we are

approved the proceed.

Respectfully,

Mark J. Larson, P.G.  
President/Sr. Project Manager  
507 N. Marienfeld St., Suite 205  
Midland, Texas 79701  
Office – 432-687-0901  
Cell – 432- 556-8656  
Fax – 432-687-0456  
[mark@laenvironmental.com](mailto:mark@laenvironmental.com)



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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]  
**Sent:** Friday, September 22, 2017 12:29 PM  
**To:** Mark Larson  
**Cc:** 'Higginbotham, Christina'; 'Wrangham, Calvin W.'; 'Duncan, Randy'; 'Klein, Cindy D.'; 'England, Ralph E.'  
**Subject:** RE: Re: 1RP-4787 - Delineation Plan for NGL Release

Dear Mr. Larson:

Please address this concern regarding the delineation/release characterization workplan for 1RP-4787. What is the rationale for absence of sample locations north of S-7? If this is overspray area, NMOCD still requires verification that soil in this area are within permissible limits. Laboratory analyses of surface soil samples (0-6”) representative of the overspray area are required.

Thanks,  
Olivia

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**From:** Mark Larson [<mailto:Mark@laenvironmental.com>]  
**Sent:** Wednesday, September 20, 2017 3:43 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** 'Higginbotham, Christina' <[chigginbotham@targaresources.com](mailto:chigginbotham@targaresources.com)>; 'Wrangham, Calvin W.' <[CalvinWrangham@targaresources.com](mailto:CalvinWrangham@targaresources.com)>; 'Duncan, Randy' <[RDuncan@targaresources.com](mailto:RDuncan@targaresources.com)>; 'Klein, Cindy D.' <[CynthiaKlein@targaresources.com](mailto:CynthiaKlein@targaresources.com)>; 'England, Ralph E.' <[REngland@targaresources.com](mailto:REngland@targaresources.com)>  
**Subject:** FW: Re: 1RP-4787 - Delineation Plan for NGL Release

Hello Olivia,  
I'm following up on the attached delineation plan that was submitted for 1RP-4787 on August 17,

2017. Please contact me if you have questions.

Mark

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**From:** Mark Larson

**Sent:** Thursday, August 17, 2017 4:55 PM

**To:** 'Yu, Olivia, EMNRD'

**Cc:** 'Higginbotham, Christina'; 'Wrangham, Calvin W.'; 'Duncan, Randy'; 'Klein, Cindy D.'; 'REngland@targaresources.com'

**Subject:** Re: 1RP-4787 - Delineation Plan for NGL Release

Olivia,

Larson & Associates, Inc. (LAI), on behalf of Targa Midstream Services, LLC (Targa), submits the attached document as the plan to delineate the release of natural gas liquids (NGL) from a 6 inch poly line in connection with 1RP-4787. LAI initiated remediation by application of Microblaze® microbial amendment to reduce hydrocarbons staining on vegetation and soil. The document presents the laboratory analysis of initial surface soil samples collected on August 7, 2017. Please contact Christina Higginbotham with Targa at (713) 584-1396 or email [chigginbotham@targaresources.com](mailto:chigginbotham@targaresources.com) or me if you have questions or if we are approved to proceed.

Respectfully,

Mark J. Larson, P.G.

President/Sr. Project Manager

507 N. Marienfeld St., Suite 205

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