

**From:** [Laird, Zackary](#)  
**To:** [Patterson, Heather, EMNRD](#); [Tucker, Shelly](#)  
**Cc:** [Taylor Jones](#); [Bratcher, Mike, EMNRD](#)  
**Subject:** RE: WPX E&P Spill Notification  
**Date:** Monday, November 02, 2015 11:29:31 AM  
**Attachments:** MicroBind\_Technical\_Summary\_May\_2015.pdf  
MicroBind SDS\_\_May 2015.pdf

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Heather,

Please see attached SDS and technical summary for MicroBind. Expected results are attaining acceptable soil chloride levels. Results are expected over the course of 2-6 months.

No further sampling has been done yet. We were waiting to get approval on clean-up proposal before we dispatch EnviroClean to the location again.

Please contact me with any other questions.

Thanks,

Zack Laird | Sr. EHS Manager

**WPX Energy, Inc.**

210 Park Avenue, Suite 700 | Oklahoma City, OK 73102

[405.987.2213](tel:405.987.2213) (o) | [405.742.2696](tel:405.742.2696) (m) | [Zackary.Laird@wpxenergy.com](mailto:Zackary.Laird@wpxenergy.com)

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**From:** Patterson, Heather, EMNRD [<mailto:Heather.Patterson@state.nm.us>]  
**Sent:** Tuesday, October 27, 2015 2:10 PM  
**To:** Laird, Zackary; Tucker, Shelly  
**Cc:** Taylor Jones; Bratcher, Mike, EMNRD  
**Subject:** RE: WPX E&P Spill Notification

Mr. Laird,

I am not familiar with MicroBind, can you send any information sheets and MSDS you have on the product? I also need to know what your expected results are from this treatment, and the timeframe in which you expect these results.

Have you conducted any further sampling of the "fingers", as requested by the BLM? I'd like to make sure there aren't any higher chloride spikes in the unsampled areas.

Thanks,

Heather Patterson  
Environmental Specialist  
NMOCD District II  
Office (575)748-1283 ext.101  
Cell (575)703-0228

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**From:** Laird, Zackary [<mailto:Zackary.Laird@wpxenergy.com>]  
**Sent:** Friday, October 23, 2015 9:50 AM  
**To:** Tucker, Shelly; Patterson, Heather, EMNRD  
**Cc:** Taylor Jones  
**Subject:** RE: WPX E&P Spill Notification

Shelly/Heather,

After further consideration and discussion with EnviroClean, we feel that the previous proposed work plan that contemplated a "dig & haul" clean-up, will likely not achieve the minimal surface damage desired for the clean-up. EnviroClean has proposed an alternative in-place remediation option; this option is described in the attached, updated work plan.

Please let me know if this work plan meets with both of your approval, or if we need to proceed with the dig & haul option. Please call me with questions and/or to discuss.

Thanks in advance!

Zack Laird | Sr. EHS Manager

**WPX Energy, Inc.**

210 Park Avenue, Suite 700 | Oklahoma City, OK 73102

[405.987.2213](tel:405.987.2213) (o) | [405.742.2696](tel:405.742.2696) (m) | [Zackary.Laird@wpxenergy.com](mailto:Zackary.Laird@wpxenergy.com)

**From:** Tucker, Shelly [<mailto:stucker@blm.gov>]  
**Sent:** Thursday, October 08, 2015 3:29 PM  
**To:** Zackary Laird  
**Cc:** [Heather.Patterson@state.nm.us](mailto:Heather.Patterson@state.nm.us); Taylor Jones  
**Subject:** Re: WPX E&P Spill Notification

Afternoon... After review of your proposal, BLM has the following stipulations:

1. The other "fingers" will need to be sampled and addressed.
2. Need to attempt to achieve minimal surface damage while removing contaminated material.
3. The area that is stained (nondetect areas) will still need to be tilled or turned under in some way. Trying to prevent in possible future issues with vegetation regrowth and or cosmetic (i.e. a lay person walking around and coming across the stain and raising an issue where there is none).
4. Need to reseed the area with a 50/50 mix of BLM Seed Mix 3 and BLM Seed Mix 4.
5. Samples will also need to be gathered in any pooling areas (even if they do

not fall into you "100 foot sample point distance."

Please keep me updated as to status of cleanup.

The BLM approval/acceptance does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

*Shelly J Tucker*

Environmental Protection Specialist  
Bureau of Land Management

620 E. Greene St  
Carlsbad, NM 88220

575.234.5905 - Direct  
575.361.0084 - Cellular

[stucker@blm.gov](mailto:stucker@blm.gov)



On Thu, Sep 17, 2015 at 4:19 PM, Zackary Laird <[ZLaird@rkixp.com](mailto:ZLaird@rkixp.com)> wrote:  
Shelly/Heather,

Please see attached OCD form C-141 for a spill occurring at the WPX(RKI) operated N Brushy Draw Federal 35-6H well in Eddy County, NM today (API # 30-015-42293).

Shelly, I was told that Tyke with WPX, contacted you earlier today and that you were able to walk the location with him, is that correct?

Please let me know if you have any questions.

Regards,

Zack Laird | Sr. EHS Manager

**WPX Energy, Inc.**

210 Park Avenue, Suite 700 | Oklahoma City, OK 73102

[405.987.2213](tel:405.987.2213) (o) | [405.742.2696](tel:405.742.2696) (m) | [ZLaird@rkixp.com](mailto:ZLaird@rkixp.com)

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