

## Bratcher, Mike, EMNRD

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**From:** Bratcher, Mike, EMNRD  
**Sent:** Tuesday, August 15, 2017 12:17 PM  
**To:** 'Van Curen, Jennifer'; Baker, Larry; Weaver, Crystal, EMNRD; Tucker, Shelly (stucker@blm.gov)  
**Subject:** RE: Correction plan 2RP-4202 Barnsdall Federal Battery

Jennifer,

I need lab data for BTEX & TPH since none were taken during the initial investigation. In the event the lighter end hydrocarbons are elevated, a deeper excavation may be required. A liner is not an effective fix for light end stuff.

Mike Bratcher  
NMOCD District 2  
811 South First Street  
Artesia NM 88210  
575-748-1283 Ext 108

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**From:** Van Curen, Jennifer [mailto:Jennifer.VanCuren@arcadis.com]  
**Sent:** Tuesday, August 15, 2017 12:13 PM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Baker, Larry <Larry.Baker@apachecorp.com>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Tucker, Shelly (stucker@blm.gov) <stucker@blm.gov>  
**Subject:** RE: Correction plan 2RP-4202 Barnsdall Federal Battery

Mike,

Even though we are placing a liner, you want me to grab a bottom sample. I am sure it will be the same result as what we observed already. Just checking to be sure.  
All material removed was taken to state approved disposal facility and the material yet to be removed will also be taken to the state approved facility.  
Thanks,

**Jennifer Van Curen**  
T. 432.217.2699  
C. 432.270.8753  
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Be green, leave it on the screen.

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**From:** Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]  
**Sent:** Tuesday, August 15, 2017 12:33 PM  
**To:** Van Curen, Jennifer <Jennifer.VanCuren@arcadis.com>; Baker, Larry <Larry.Baker@apachecorp.com>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Tucker, Shelly (stucker@blm.gov) <stucker@blm.gov>  
**Subject:** RE: Correction plan 2RP-4202 Barnsdall Federal Battery

RE: Apache Corp. \* Barnsdall Fed Battery \* 2RP-4202 \* DOR: 4/24/2017

Greetings,

Your proposal for remediation of the above referenced release is approved with the following:

- It is OCD's understanding that the impacted area will be excavated to a total depth of 4' and that all excavated material will be, or has been, taken to an OCD approved disposal site.
- Representative confirmation samples are to be obtained from the sidewalls and floor of the excavation. More than one sample point at each will be required. Confirmation samples are to be lab tested for BTEX (8021), TPH (8015 EXTENDED RANGE), and Chloride, (300). OCD review of confirmation data is required prior to liner installation and backfill.
- Like approval from BLM.

If you have any questions or concerns, please contact me.

**Mike Bratcher**  
NMOCD District 2  
811 South First Street  
Artesia NM 88210  
575-748-1283 Ext 108

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**From:** Van Curen, Jennifer [<mailto:Jennifer.VanCuren@arcadis.com>]

**Sent:** Sunday, August 6, 2017 8:30 AM

**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Baker, Larry <[Larry.Baker@apachecorp.com](mailto:Larry.Baker@apachecorp.com)>; Weaver, Crystal, EMNRD <[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>; Tucker, Shelly ([stucker@blm.gov](mailto:stucker@blm.gov)) <[stucker@blm.gov](mailto:stucker@blm.gov)>

**Subject:** Correction plan 2RP-4202 Barnsdall Federal Battery

Please find the attached plan for the Barnsdall Federal Battery. Work will be completed after receiving approval. Thanks

Jennifer

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