

**From:** [Robertson, Jeffery](#)  
**To:** [Patterson, Heather, EMNRD](#)  
**Cc:** [Lara Weinheimer](#); [Bratcher, Mike, EMNRD](#); [Hack Conder](#); [Jacob Kamplain](#); [Baker, Larry](#)  
**Subject:** Re: Apache Empire Abo #8 - Request to backfill Excavation 1 and 4  
**Date:** Thursday, August 14, 2014 2:47:49 PM

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Go ahead and back fill these areas.

***Jeffery L. Robertson***

**BLM-CFO**

**Natural Resource Specialist**

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On Fri, Aug 8, 2014 at 2:19 PM, Patterson, Heather, EMNRD  
<[Heather.Patterson@state.nm.us](mailto:Heather.Patterson@state.nm.us)> wrote:

Lara,

This backfill request is approved. Thanks for keeping us updated.

Heather Patterson

Environmental Specialist

NMOCD District II

(575)748-1283 ext.101

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**From:** Lara Weinheimer [mailto:[lweinheimer@rice-ecs.com](mailto:lweinheimer@rice-ecs.com)]

**Sent:** Friday, August 08, 2014 8:20 AM

**To:** Bratcher, Mike, EMNRD; 'Robertson, Jeffery'; Patterson, Heather, EMNRD

**Cc:** 'Hack Conder'; 'Jacob Kamplain'; 'Baker, Larry'

**Subject:** Apache Empire Abo #8 - Request to backfill Excavation 1 and 4

At the Apache Empire Abo #8, Excavation 1 and Excavation 4 have been completed.

Excavation 4 was dug to 2 ft bgs, and final wall and bottom samples were taken. The samples were sent to a commercial laboratory for analysis and returned chloride values

below regulatory standards, except for West Wall 1, which returned a chloride value of 1,020 mg/kg. GRO, DRO and BTEX results returned values of non-detect. Given the final wall and bottom sampling analysis, Apache requests permission to backfill Excavation 4 with clean soil.

Excavation 1 was dug to 4 ft bgs. Final wall samples were taken and sent to a commercial laboratory for analysis. All wall samples returned chloride values below regulatory standards. GRO, DRO and BTEX results were non-detect, except for East Wall 2, which returned a DRO value of 626 mg/kg. Based on the final wall sampling analysis, Apache requests permission to install a 20 mil reinforced poly liner at the base of the excavation as stated in the Corrective Action Plan. The excavation will then be backfilled with clean soil.

All supporting documentation for these sampling activities is included in the attachment.

The remainder of the release at the site is still in the process of being excavated and sampled. Once the final laboratory data has been received, Apache will send the remainder of the data with a request to backfill.

If you have any questions, please let Bruce Baker from Apache know. Otherwise we await your approval to continue activities for Excavation 1 and Excavation 4.

**Lara Weinheimer**

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