

## Bratcher, Mike, EMNRD

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**From:** Baker, Larry <Larry.Baker@apachecorp.com>  
**Sent:** Tuesday, September 13, 2016 2:07 PM  
**To:** Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; stucker@blm.gov  
**Subject:** FW: Lee Federal CAP (2R-3378) Revised  
**Attachments:** Lee Federal 94 CAP.doc; Copy of initial C-141.pdf; Soil Delineation Map.pdf; H503155 APACHE.pdf; H503170 APACHE.pdf; Hall Lab Analysis\_Final\_v1.pdf

All,

Attached is the revised work plan for the above referenced site for your review and approval. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

Bruce Baker  
Apache Corporation  
Environmental Technician  
Northwest District  
Email: [larry.baker@apachecorp.com](mailto:larry.baker@apachecorp.com)  
Mobile: 432-631-6982

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**From:** Baker, Larry  
**Sent:** Wednesday, June 01, 2016 1:51 PM  
**To:** 'Bratcher, Mike, EMNRD'; stucker@blm.gov  
**Cc:** Patterson, Heather, EMNRD  
**Subject:** RE: Lee Federal CAP (2R-3378)

Mr. Bratcher,

The vertical data collected on November 30 and December 3, 2015 was prior to the snow storm that occurred in late December. I decided to re-evaluate the vadose zone by hand auguring as close to the verticals as possible to get more data to show the current state of the vadose zone. The new data suggest that for the most part that the levels in the vadose zone are acceptable to sustain growth. My thought process was to try and see if growth could be achieved and minimize the disturbance to the natural soil. If growth is not sustained then the soil would be re-evaluated for chlorides and then develop a plan to deal with the problem. The reason for not going back into the same vertical was they were not backfilled. It is my opinion that the disposition of elevated levels found in the vertical data has already been achieved by nature and feel that excavating the area at this time would not be necessary and have more negative effects on the ecosystem then monitoring the vegetation. Please let me know what I need to do to move this project forward. Thanks and have a good day.

Bruce Baker  
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Environmental Technician  
Northwest District  
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**From:** Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]  
**Sent:** Tuesday, May 31, 2016 4:45 PM  
**To:** Baker, Larry; [stucker@blm.gov](mailto:stucker@blm.gov)  
**Cc:** Patterson, Heather, EMNRD  
**Subject:** RE: Lee Federal CAP (2R-3378)

RE: Apache Corp \* Lee Fed 94 \* 2RP-3378 \* DOR: 10/29/15

Bruce,

The data is still difficult to correlate. The "Soil Delineation" diagram shows elevated chloride levels in the upper 4' at sample points identified as Vertical 2, Vertical 3, and Vertical 5. The "Vertical" labeled sample points do not necessarily correspond with the "SP" labeled sample points. Please provide a proposal for disposition of the elevated levels found in the "Vertical" sample points listed.

Thanks,

Mike Bratcher  
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**From:** Baker, Larry [<mailto:Larry.Baker@apachecorp.com>]  
**Sent:** Monday, May 23, 2016 2:30 PM  
**To:** Bratcher, Mike, EMNRD; [stucker@blm.gov](mailto:stucker@blm.gov)  
**Cc:** Patterson, Heather, EMNRD  
**Subject:** Lee Federal CAP (2R-3378)

All,

Attached is the new corrective action plan for the above referenced site for your review. Please let me know if you have any questions or wish to discuss the site. Thanks and have a good day.

Bruce Baker  
Apache Corporation  
Environmental Technician  
Northwest District  
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