

## Bratcher, Mike, EMNRD

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**From:** Heather Patterson <heather.patterson@soudermiller.com>  
**Sent:** Tuesday, November 14, 2017 3:35 PM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; 'Amber Groves'  
**Cc:** Austin Weyant; james campanella  
**Subject:** RE: Ford State #2 2RP-4390 backfill request  
**Attachments:** table 3.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Mike,

We returned to the location and were able to get L1 down to 1 foot bgs. The field screen results are in the attached table.

Let me know if you need anything else.

Thank you,

Heather Patterson  
*Staff Scientist*

**Souder, Miller & Associates**

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201 Halagueno St  
Carlsbad, NM 88220  
[www.soudermiller.com](http://www.soudermiller.com)  
(575)200-5343 (mobile)



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**From:** Heather Patterson  
**Sent:** Tuesday, November 14, 2017 8:54 AM  
**To:** 'Bratcher, Mike, EMNRD' <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; 'Amber Groves' <agroves@slo.state.nm.us>  
**Cc:** Austin Weyant <austin.veyant@soudermiller.com>; james campanella <judahoil@yahoo.com>  
**Subject:** RE: Ford State #2 2RP-4390 backfill request

Mike,

Unfortunately not at L2, but possibly at L1.

I won't be able to get any equipment safely in the area of L2, the hydrovac was the best option for that area and we now have it down to rock.

L1 is a small spot in the lease road, but it has the buried poly line beneath it. Again, equipment wouldn't be a great idea, but we could try to grab a sample by hand. At the time of sampling, 6" was the extent I could get with a rock bar, but Lucas is available today, so he can give it a try. We'll send you the field screen results.

Thanks,

Heather Patterson

Staff Scientist

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**From:** Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]

**Sent:** Tuesday, November 14, 2017 7:14 AM

**To:** Heather Patterson <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>; Weaver, Crystal, EMNRD

<[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>; 'Amber Groves' <[agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)>

**Cc:** Austin Weyant <[austin.veyant@soudermiller.com](mailto:austin.veyant@soudermiller.com)>; james campanella <[judahoil@yahoo.com](mailto:judahoil@yahoo.com)>

**Subject:** RE: Ford State #2 2RP-4390 backfill request

RE: 2RP-4390

Heather,

Is there any chance at all of getting a better delineation (with 600 mg/kg chloride being target goal) at L1 &/or L2?

Mike Bratcher

NMOCD District 2

811 South First Street

Artesia, NM 88210

575-748-1283 Ext 108

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**From:** Heather Patterson [<mailto:heather.patterson@soudermiller.com>]

**Sent:** Monday, November 13, 2017 3:31 PM

**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Weaver, Crystal, EMNRD <[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>;

'Amber Groves' <[agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)>

**Cc:** Austin Weyant <[austin.veyant@soudermiller.com](mailto:austin.veyant@soudermiller.com)>; james campanella <[judahoil@yahoo.com](mailto:judahoil@yahoo.com)>

**Subject:** Ford State #2 2RP-4390 backfill request

Good Afternoon,

After hydro-excavating this location, we still returned some elevated chlorides. Due to the proximity to pipelines and the hard-pan rock layer, further remediation is not practicable. At this time we would like to request backfill so we can then establish a healthy vegetative layer to aid in the stabilization of the remaining contaminants.

Thank you,

**Heather Patterson**

*Staff Scientist*

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