

## Bratcher, Mike, EMNRD

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**From:** Bratcher, Mike, EMNRD  
**Sent:** Wednesday, January 26, 2011 10:05 AM  
**To:** 'Tavarez, Ike'; Terry Gregston ([terry\\_gregston@nm.blm.gov](mailto:terry_gregston@nm.blm.gov))  
**Cc:** Pat Ellis; Joshua Russo; 'James Amos ([james\\_amos@nm.blm.gov](mailto:james_amos@nm.blm.gov))'  
**Subject:** RE: Beech Federal Confirmation Sampling and Closure Request

Ike,

I would prefer to have the AH-1/T-1 area excavated to an approximate 8' depth to remove the 3,660 mg/kg level material. If that could be achieved, there would not be a need for a liner and the area could be backfilled. The berms could then be constructed as BLM has requested.

Call or email if you would like to discuss this proposal.

### MIKE BRATCHER

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**From:** Tavarez, Ike [<mailto:Ike.Tavarez@tetrattech.com>]  
**Sent:** Wednesday, January 12, 2011 2:00 PM  
**To:** Bratcher, Mike, EMNRD; Terry Gregston ([terry\\_gregston@nm.blm.gov](mailto:terry_gregston@nm.blm.gov))  
**Cc:** Pat Ellis; Joshua Russo; 'James Amos ([james\\_amos@nm.blm.gov](mailto:james_amos@nm.blm.gov))'  
**Subject:** RE: Beech Federal Confirmation Sampling and Closure Request

COG Operating

Beech Federal #2 Tank Battery

Section 25, T17S, R27E

Eddy County, New Mexico

32.80212 104.22891

2RP-453

Mike and Terry,

Please find enclosed the confirmation samples collected at the Beech Federal Tank Battery. The excavated areas and depths are shown in the attached Table and Figure. In summary, confirmation samples were collected in the areas of AH-2 (CS-2) and AH-3 (CS-1) and the area outside the berm on the north end (CS-3). All the excavations were left open. As discussed in the work plan, the area of AH-1 was excavated to the appropriate depth and proposed to install a backhoe test trench (T-1) to better define the chloride impact in this area. Referring to Table 1, CS-1, CS-2 and CS-3 showed bottom hole chlorides of 368 mg/kg, <200 mg/kg and

<200 mg/kg, respectively. T-1 bottom holes showed a chloride of 1,700 mg/kg at 4' below surface and increased at 8' to 3,660 mg/kg and declined to 445 at 12' below surface.

The background samples (BG) did show a chloride high of 508 mg/kg at 2-2.5' and the groundwater depth is estimated to be around 125' below surface. Please review data and let me know if the concentrations in T-1 would be acceptable for closure. If needed, the area of AH-3 (T-1) can be capped with a 40 mil liner and backfilled. The area is approxaimley 30' x 30' and has been excavated 4' below surface. Please let me know so we can proceed with the closure activites or call me if you have any questions. Once completed, a closure report wil be submitted for you files, thanks

Ike Tavarez, PG | Senior Project Manager

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