

## Bratcher, Mike, EMNRD

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**From:** tgregsto@blm.gov  
**Sent:** Wednesday, February 09, 2011 2:16 PM  
**To:** Tavaréz, Ike  
**Cc:** Joshua Russo; Bratcher, Mike, EMNRD; Pat Ellis; Terry Gregston (terry\_gregston@nm.blm.gov)  
**Subject:** RE: Beech Federal - Soil Remediation Notification

I have received your notification and approve the revised closure plan. I am assuming that you made a typo in the proposed excavation date, though since 2-1-11 has already passed and it was not a Thursday?

Terry Gregston  
Environmental Protection Specialist  
Bureau of Land Management  
620 E. Greene St.  
Carlsbad, NM 88220  
Office (575) 234-5958  
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"Tavaréz, Ike" <[Ike.Tavaréz@tetrattech.com](mailto:Ike.Tavaréz@tetrattech.com)>

02/09/2011 08 01 AM

To "Bratcher, Mike, EMNRD" <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>, "Terry Gregston (terry\_gregston@nm.blm.gov)" <[terry\\_gregston@nm.blm.gov](mailto:terry_gregston@nm.blm.gov)>  
cc Joshua Russo <[jrusso@conchoresources.com](mailto:jrusso@conchoresources.com)>, Pat Ellis <[PELLis@conchoresources.com](mailto:PELLis@conchoresources.com)>

Subject RE: Beech Federal - Soil Remediation Notification

Mike and Terry,

Tetra Tech has scheduled the excavation in the area of AH-1/T-1 for Thursday morning (2-1-11). As requested, the area will be excavated to an approximate 8.0' depth to remove the chloride of 3,660 mg/kg in soils. Once completed, the excavation will be backfilled with clean soil and closure report will be submitted for review. Please call me if you have any questions, thanks

Ike Tavaréz  
Tetra Tech

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**From:** Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]  
**Sent:** Wednesday, January 26, 2011 11:05 AM  
**To:** Tavaréz, 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 approximately 30' x 30' and has been excavated 4' below surface. Please let me know so we can proceed with the closure activities or call me if you have any questions. Once completed, a closure report will be submitted for you files, thanks

Ike Tavarez, PG | Senior Project Manager

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