

**From:** Priscilla Burton  
**To:** Dave Shaver; OGMCOAL  
**CC:** Abate, April; Christensen, Steve; Daron Haddock; Karl Houskeeper; Lu...  
**Date:** 10/18/2010 9:24 AM  
**Subject:** 0070019 Outgoing, Crandall sludge to Centennial

Hello Dave,

Per your request, I have reviewed information on topsoil storage pile G at Centennial. The volume of pile G is 6,221 cu yd. It is your largest stockpile of topsoil (p. 2-4). The approved facilities map, Plate 6, shows that the topsoil pile forms the containment for the adjacent "temporary excess spoil and mine development waste storage." This would be an appropriate location for the placement of Crandall Canyon sludge, which I understand is neutral in pH and has no EPA toxicity characteristics. However I will recommend that the Centennial MRP be updated to include information on the characteristics and volume of the sludge being deposited in the waste rock site, including regular chemical analysis of the material according to Tables 3 and 7 of the Division's Guidelines for Management of Overburden and Topsoil.

Sincerely,

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