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NAS CECIL FIELD  
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EMAIL REGARDING U S EPA REGION IV APPROVAL ON RECOMMENDATION TO USE  
EXCAVATED SOIL AS BACKFILL AT HANGAR 860 NAS CECIL FIELD FL  
5/7/2012  
U S EPA REGION IV

**NAS Cecil Field**  
**MRP Site Hangar 860**  
**EPA Approval of CH2MHill Recommendation to Use Excavated Soil as Backfill Post-Detonation, and CH2MHill Summary of Detonation Activities**

From: Debbie Vaughn-Wright [<mailto:Vaughn-Wright.Debbie@epamail.epa.gov>]  
Sent: Monday, May 07, 2012 1:36 PM  
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Subject: Re: NAS Cecil Field - Hangar 860 MRA Detonation Event/Post-detonation Soil Results

Mike:

Based on the sample results it is OK to place the soil back into the trench area where it was removed.

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Please consider the environment before printing this email.

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Date: 05/04/2012 01:08 PM  
Subject: NAS Cecil Field - Hangar 860 MRA Detonation Event/Post-detonation Soil Results

David/Debbie-

We received the final validated analytical results this week from the post-detonation sampling that was completed for the Hangar 860 MRA detonation event (completed 09APR2012). Following is a summary of the status:

1. To complete the revised treatment method, we excavated (10) 5ft long x 18in wide x 30in deep (approximate) trenches to complete the detonations. The soil removed from the trenches was staged adjacent to the trenches. Photos of the trenches are attached.
2. The detonations were completed, visibly impacted soil from the trenches removed, and any munitions-related debris was removed from the trenches and excavated soil. This excavated soil was staged in (2) 20cy roll-off containers (estimated approximately 10-12 cy per container).

3. Following soil removal, the bottom of each trench was sampled for nitroaromatic explosives and 8 RCRA metals (10 samples total), and the roll-off containers were sampled for full TCLP, nitroaromatic explosives and 8 RCRA metals (1 sample total for both roll-offs). Analytical summary tables are attached.
4. None of the trenches exceed FDEP Direct Exposure Residential or Leachability to GW criteria SCTLs.
5. The soil contained in the roll-off containers is non-hazardous, but also exhibits no exceedance for FDEP Direct Exposure Residential or Leachability to GW criteria SCTLs.

Based on these analytical results, we propose that the soil staged in the roll-off containers be allowed to be placed back onsite to use as backfill for the trenches. This would eliminate off-site transportation and disposal of the soil, as well as bringing in fill for the trenches.

Can you review the above and attached and let me know if you concur?

Thanks and let me know if you have any questions.  
Mike

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