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FISC WILLIAMSBURG
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LETTER AND ADDITIONAL COMMENT FROM THE U S EPA REGION III REGARDING THE
SOIL SAMPLE COLLECTION SAMPLING AND ANALYSIS PLAN ADDENDUM FOR AREA OF
CONCERN 6 (AOC6) PENNIMAN AOC WASTE SLAG MATERIAL SUBAREA WILLIAMSBURG

FISC VA
5/10/2012
U S EPA REGION III

Ivester, Marlene/VBO

From: John Burchette [Burchette.John@epamail.epa.gov]
Sent: Thursday, May 10, 2012 4:19 PM
To: Sawyer, Stephanie/VBO; Ivester, Marlene/VBO; Wade.Smith@deq.virginia.gov; scott.park@navy.mil
Subject: Additional Comment on AOC 6

Guys,
I'm really sorry about this, but EPA BTAG has 1 additional comment

1. Worksheet #10 on page 28 states that soil samples (co-located surface and subsurface) will be collected from one location underneath the waste slag pile and analyzed for total inorganic constituents and pH. The collection of one sample within the pile is insufficient since the distribution of contaminants is unknown, and if concentrations are heterogeneous, there is a high potential for a false negative (low metal concentrations detected even though concentrations are high within the pile). A minimum of three soil samples should be collected underneath the pile. In addition, two samples should be collected along the two long sides of the pile, and one sample should be collected along the short side of the pile. The preferential surface water migration pathways off site also need to be identified and sampled.

Contact me with any questions.

Thanks,

John Burchette(3HS11)

Remedial Project Manager

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