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FISC WILLIAMSBURG  
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LETTER AND U S NAVY RESPONSE TO U S EPA REGION III COMMENTS REGARDING  
DRAFT SITE INSPECTION SAMPLING AND ANALYSIS PLAN PENNIMAN LAKE CHEATHAM  
ANNEX FISC WILLIAMSBURG VA  
01/04/2011  
NAVFAC MID ATLANTIC

## Monica Marrow

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To: Marlene.Ivester@CH2M.com  
Subject: RE: Penniman questions

-----Original Message-----

From: Murray, Christopher R CIV NAVFAC, AEVHR [mailto:christopher.r.murray@navy.mil]  
Sent: Tuesday, January 04, 2011 11:05 AM  
To: Ivester, Marlene/HRO  
Cc: Parra, Krista R CIV NAVFAC  
Subject: FW: Penniman questions

Here is what I sent out (shown below)

-----Original Message-----

From: Murray, Christopher R CIV NAVFAC, AEVHR  
Sent: Tuesday, January 04, 2011 11:02 AM  
To: 'Haug.Susanne@epamail.epa.gov'  
Cc: Parra, Krista R CIV NAVFAC  
Subject: RE: Penniman questions

Sue:

Here are Navy responses to your concerns/comments (worked with Marlene to provide the responses, and Krista is copied as she will be the new and improved Chris while I am rotating):

1. Page 41, second bullet says that samples supporting step 1 and a portion of step 2 samples will be collected during one field mobilization event. What portion of step 2? Page 37 and the decision tree on Figures 5 and 6 imply that only the lake will be sampled in step 1 and then step 2 will be another sampling event that will take place if PCBs are found in the lake.

The Executive Summary explains the portion of Step 2 that will be conducted as part of this SAP; however, this is not clear in Worksheet 11, which will be revised accordingly. The portion of Step 2 to be conducted as part of this SAP is the collection of soil samples from potential upland sources along the northwest finger of the lake. 26 soil samples are proposed for collection. Figure 5 explains Step 1; Figure 6 explains Step 2, including the portion of Step 2 being conducted as part of this SAP.

2. Figure 5 implies that even if no PCBs are found in the lake we will prepare an addendum for step 2 (the same thing happens in figure 6). Is that correct? What if we find nothing in the sediments? The figure says no further action but we know they are there from the Pond Study so we still need to do something. Also, Figure 5 includes going upgradient based on finding PCBs. This would be a second step since you don't have immediate concentration results.

That is correct. A technical memorandum will be prepared to document the data, regardless of results. The Pond Study was conducted in 2000, and no sediment data was been collected since then. The proposed sediment sampling is comprehensive and encompasses the entire lake. Figure 5 is correct; if PCBs are found in sediment, the sediment data will then be used to identify upgradient sample locations.

3. So, I guess each step eventually leads to step 4, right? Theoretically, we could do steps 1, 2, and then 4 if 3 is not needed.

Correct.

4. Figure 7 - the "no" response still should lead to "Prepare Technical Memo..."

Figure 7 will be updated to show that a technical memorandum will be prepared to document data, regardless of results. A leaderline will be added, connecting the NFA textbox to the technical memorandum textbox.

5. BTAG should select sampling locations at each sampling event

BTAG will be invited to assist in the selection of sampling locations prior to each sampling event, as agreed to during the scoping session.

6. This is minor...Shapes on figure 5-8 seem to have been used at random. The start and end are typically ellipses, decisions are diamonds and tasks are rectangles, etc.

Shapes will be revised accordingly.

Hope this helps.

Chris

Christopher Murray  
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Norfolk, VA 23511-3095  
Phone: 757-341-0485

-----Original Message-----

From: Haug.Susanne@epamail.epa.gov [mailto:Haug.Susanne@epamail.epa.gov]  
Sent: Thursday, December 30, 2010 2:42 PM  
To: Murray, Christopher R CIV NAVFAC, AEVHR  
Subject: Penniman questions

Chris,

Here are a few unofficial comments for clarification. I think they are all easy to clear up.

- \*
- \* Page 41, second bullet says that samples supporting step 1 and a portion of step 2 samples will be collected during one field mobilization event. What portion of step 2? Page 37 and the decision tree on Figures 5 and 6 imply that only the lake will be sampled in step 1 and then step 2 will be another sampling event that will take place if PCBs are found in the lake.
- \* Figure 5 implies that even if no PCBs are found in the lake we will prepare an addendum for step 2 (the same thing happens in figure 6. Is that correct? What if we find nothing in the sediments? The figure says no further action but we know they are there from the Pond Study so we still need to do something. Also, Figure 5 includes going upgradient based on finding PCBs. This would be a second step since you don't have immediate concentration results.
- \* So, I guess each step eventually leads to step 4, right? Theoretically, we could do steps 1, 2 and then 4 if 3 is not needed?
- \* Figure 7 - the "no" response still should lead to "Prepare Technical Memo...."

- \* BTAG should select sampling locations at each sampling event.
- \* This is minor..... Shapes on figure 5 - 8 seem to have been used at random. The start and end are typically ellipses, decisions are diamonds and tasks are rectangles, etc.

Have a Happy New Year.

Sue

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