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NWS YORKTOWN
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EMAIL AND NO FURTHER COMMENT FROM U S EPA REGION III REGARDING DRAFT TIER II SAMPLING AND ANALYSIS PLAN SITE 34 DATA GAP INVESTIGATION NWS YORKTOWN VA
10/4/2013
U S EPA REGION III

From:	Oduwole, Moshood
To:	Friedmann, William/VBO
Cc:	Wade.Smith@deq.virginia.gov; james.gravette@navy.mil; Yarberry, Kim-Lee/ATL
Subject:	RE: Site 34 Navy Response to BTAG Comments
Date:	Wednesday, December 04, 2013 2:07:44 PM
Attachments:	image001.png image002.png

Bill:

I have discussed this with BTAG. EPA does not have additional comment at this time. A formal concurrence letter will be issued once a final version is submitted.

Thanks

M.G Oduwole
US EPA Region III
Hazardous Site Cleanup Division
NPL/BRAC Federal Facilities Branch (3HS11)
T: 215.814.3362 * F: 215.814.5518 * oduwole.moshood@epa.gov * www.epa.gov

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From: William.Friedmann@CH2M.com [mailto:William.Friedmann@CH2M.com]
Sent: Friday, November 22, 2013 3:19 PM
To: Oduwole, Moshood
Cc: Wade.Smith@deq.virginia.gov; james.gravette@navy.mil; Kim-Lee.Yarberry@ch2m.com
Subject: Site 34 Navy Response to BTAG Comments

Moshood,
After reviewing the last comments received from you, we have placed the Navy's comments on to the two figures with text responding to your latest letter. Basically, we agree with the changes to the sediment locations, but we do still have difference of opinion with regard to the soil samples. Please review the figures for our responses. If we can discuss prior to partnering, that would be great.

Also, the letter that you sent appears to have been a letter to you from Bruce. Are you expecting any other input from technical staff on the other responses (e.g. hydro)?
Thanks,
Bill

William J. Friedmann, Jr.
Project Manager/Hydrogeologist
CH2M HILL, Inc.

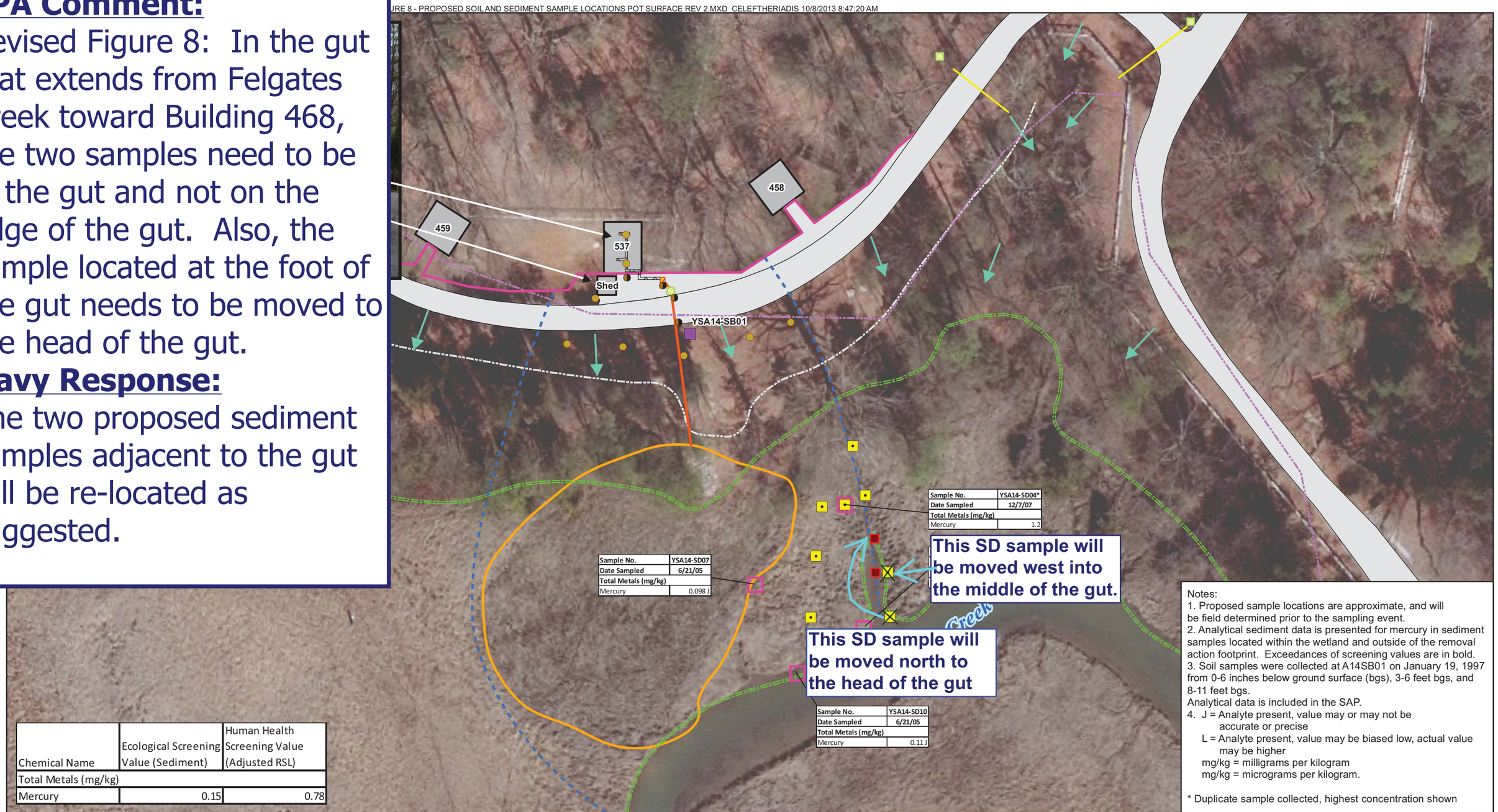
5701 Cleveland Street, Suite 200
Virginia Beach, VA 23462
Ph: 757-671-6223
Cell: 757-285-3985
Fx: 757-497-6885
E-mail: william.friedmann@ch2m.com

EPA Comment:

Revised Figure 8: In the gut that extends from Felgates Creek toward Building 468, the two samples need to be in the gut and not on the edge of the gut. Also, the sample located at the foot of the gut needs to be moved to the head of the gut.

Navy Response:

The two proposed sediment samples adjacent to the gut will be re-located as suggested.



Chemical Name	Ecological Screening Value (Sediment)	Human Health Screening Value (Adjusted RSL)
Total Metals (mg/kg)		
Mercury	0.15	0.78

Notes:
1. Proposed sample locations are approximate, and will be field determined prior to the sampling event.
2. Analytical sediment data is presented for mercury in sediment samples located within the wetland and outside of the removal action footprint. Exceedances of screening values are in bold.
3. Soil samples were collected at A14SB01 on January 19, 1997 from 0-6 inches below ground surface (bgs), 3-6 feet bgs, and 8-11 feet bgs.
Analytical data is included in the SAP.
4. J = Analyte present, value may or may not be accurate or precise
L = Analyte present, value may be biased low, actual value may be higher
mg/kg = milligrams per kilogram
mg/kg = micrograms per kilogram.

* Duplicate sample collected, highest concentration shown

Legend

- Proposed Subsurface Soil Location
- Proposed Surface and Subsurface Soil Location
- Previous Soil Sample Location
- Proposed Sediment Sample Location
- Drop Inlet
- Previous Sediment Sample Location
- Estimated Overland Flow Boundary
- Overland Flow Direction
- Storm Sewer Line
- Approximate Retaining Wall Location
- Wastewater Force Main
- Discharge Pipe
- Top of Slope
- Approximate Welands Boundary
- Building 537 Weir Box
- Building 537 Building Concrete Ditch
- Buildings
- Paved Area
- 2007 Removal Action

N W E S

0 20 40 80 Feet

1 inch = 40 feet

Figure 8
Proposed Soil and Sediment Sample Locations
Site 34 SAP
Naval Weapons Station Yorktown
Yorktown, Virginia

CH2MHILL

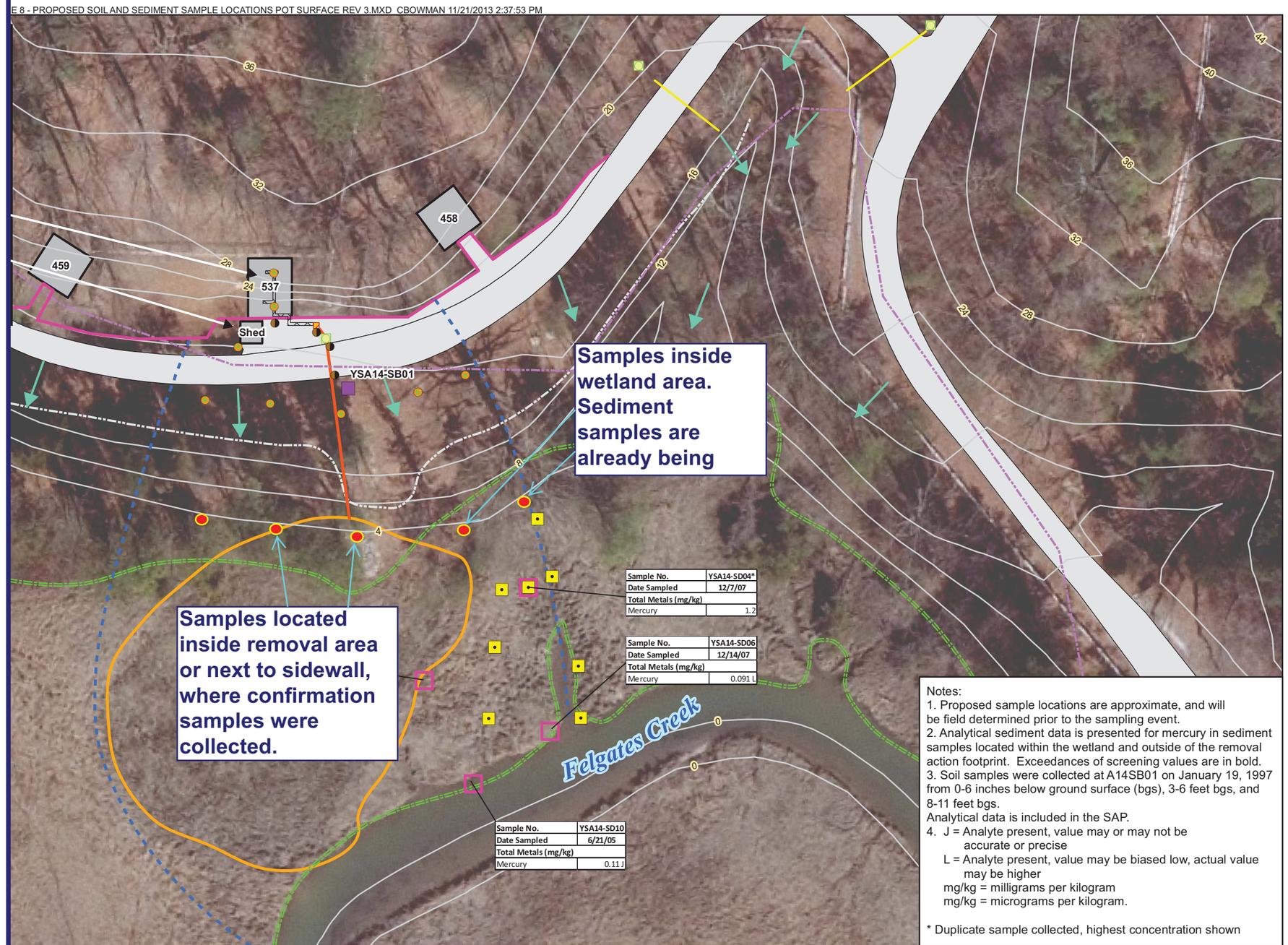
EPA Comment:

The five soil samples on the slope between Building 657 and the wetland may not be in the most advantageous locations. This appears to be a steep slope and a better place for these samples would be at the toe of the slope. These samples should be relocated.

Navy Response:

No change in soil sample location is proposed for the following reasons:

1. If moved, two of the soil locations would be located within the removal area or along the removal area boundary, where confirmation wall samples were collected. Therefore, any contaminants which may migrated to this area have been removed.
2. If moved, two other soil locations would be located within the wetland area, which is being evaluated by proposed sediment samples.
3. The objective of the soil portion of the data gap investigation is to confirm soil contamination is not present in the vicinity of Building 537 and its associated piping that could present a source to groundwater, thereby impacting remedy effectiveness. Moving the location of the soil samples would not adequately meet this objective.



Notes:
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2. Analytical sediment data is presented for mercury in sediment samples located within the wetland and outside of the removal action footprint. Exceedances of screening values are in bold.
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Overland Flow Boundary
Flow Direction
wer Line
ate Retaining Wall Location
er Force Main
Previous Sediment Sample Location
Discharge Pipe
Top of Slope
Approximate Welands Boundary
Building 537 Weir Box
Building 537 Building Concrete Ditch
Buildings
Paved Area
2007 Removal Action
Terrain Elevation Contour (4 ft interval)

N W E S

0 20 40 80 Feet

1 inch = 40 feet

Figure 8
Proposed Soil and Sediment Sample Locations
Site 34 SAP
Naval Weapons Station Yorktown
Yorktown, Virginia

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