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NSWC INDIAN HEAD
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LETTER REGARDING MARYLAND DEPARTMENT OF THE ENVIRONMENT COMMENTS
ON THE DRAFT REMEDIAL INVESTIGATION REPORT FOR UNEXPLODED ORDNANCE 11
(UXO 11) MARCH 2015 NSWC INDIAN HEAD MD
3/3/2016
MARYLAND DEPARTMENT OF THE ENVIRONMENT



Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Crumbrles
Secretary

March 3, 2016

Mr. Joseph Rail, P.E.
NAVFAC WASHINGTON
1314 Harwood St, SE
Washington Navy Yard, DC 20374

Re: **Draft Remedial Investigation Report for UXO 11 – The Valley, Naval Support
Facility Indian Head – March 2015**

Dear Mr. Rail:

The Federal Facilities Installation Restoration Program of the Maryland Department of the Environment has completed its review of the above referenced document and offers the enclosed comments for consideration as the final version is created.

If you have any questions, please contact me at (410) 537-3791.

Sincerely,

Curtis DeTore
Geological Supervisor
Federal Facilities Installation Restoration Program

CD:cd

cc: Mr. Robert Thomson
Ms. Hilary Miller
Mr. James Carroll

Maryland Department of the Environment
Land Restoration Program
Federal Facilities Installation Restoration Program

Comments on:

**Draft Remedial Investigation Report for UXO 11 – The Valley, Naval Support Facility
Indian Head – March 2015**

Specific Comments:

1. Figures 2-2 through 2-5

Figure 2-2 depicts an aerial view of cross-sections A-A', B-B', and C-C'. Figures 2-3, 2-4, and 2-5 depict the actual cross-sections themselves (A-A', B-B', and C-C' respectively).

There are several problems with all of these figures.

Figure 2-2 contains location designations that are difficult to read due to shading. It also fails to include projection lines for all locations used in each cross-section. In some instances, locations closer to the cross-section are not used in preference to locations further away. Text does not contain any explanation either for using distant locations or for not using closer locations.

In attempting to create a fence diagram using all three cross-sections the following problems were encountered. At the intersection of A-A' and B-B' depicted on Figures 2-3 and 2-4 the lithology does not match up. Likewise at the intersection of A-A' and C-C' depicted on Figures 2-3 and 2-5.

It would also be helpful if the intersection points of the cross-sections were labeled on each figure.

2. Page 3-4, Section 3.2.3, first sentence

This sentence directs the reader to Figure 3-1 to see the location of permanent monitoring wells at this site. Figure 3-1 is a DGM coverage map and does not depict well locations. Please revise.

3. Table 3-1, Deviation from Work Plan column, first sentence

Please revise this sentence to read "...stated 30 surface soil..."

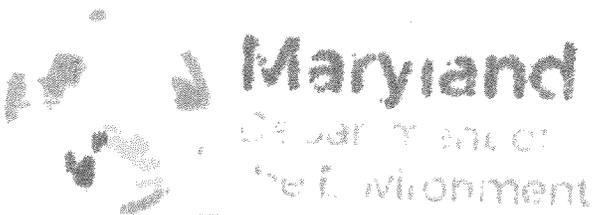
4. Page 4-10, Section 4.2.3.3, third paragraph, second sentence

See comment number 2.

5. **Page 7-23, Section 7.8.1, second bulleted point**
Text directs the reader to Table 7-32 to view the potentially unacceptable risk to upper trophic level receptors (birds and mammals). However, Table 7-32 only shows an unacceptable risk to the short-tailed shrew, a mammal.

6. **Page 9-1, Section 9.1.2.2, first bulleted point, last sentence**
Please revise this sentence to read "NG is associated with..."

7. **Page 9-3, Section 9.1.2.2, Sediment, second bulleted point, fourth sentence**
Please revise this sentence to read "...concentration at only 1 location."



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