



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Parris N. Glendening
Governor

Jane T. Nishida
Secretary

April 28, 1999

Mr. Shawn Jorgensen
Environmental Engineer
Department of the Navy
Indian Head Division Naval Surface Warfare Center
Environmental Management Office (DEH-EMO)
Indian Head MD 20640-5035

Re: Indian Head Division Naval Surface Warfare Center Remedial Investigation Report, Site 12 – Town Gut Landfill, Site 39/41 – Organics Plant/Scrap Yard, Site 42 – Olson Road Landfill and Site 44 – Soak Out Area, March 1999

Dear Mr. Jorgensen:

Enclosed are comments from the Maryland Department of the Environment, Waste Management Administration on the above-referenced document.

If you have any questions, please contact me at (410) 631-3419.

Sincerely,

A handwritten signature in cursive script that reads "Curtis DeTore".

Curtis DeTore
Remedial Project Manager
Federal/NPL Superfund Division

CD:bjm

cc: Mr. Dennis Orenshaw
Mr. Rob Sadorra
Mr. Richard Collins
Ms. Shari Wilson

**Maryland Department of the Environment
Waste Management Administration**

Comments on:

Indian Head Division Naval Surface Warfare Center Remedial Investigation Report,
Site 12 – Town Gut Landfill, Site 39/41 – Organics Plant/Scrap Yard,
Site 42 – Olson Road Landfill and Site 44 – Soak Out Area, March 1999

Specific Comments

1. Section E.2.2, page ES-8, second and third complete paragraphs
The concentration ranges in the first paragraph are given in micrograms per kilogram while the concentration ranges in the second paragraph are given in milligrams per kilogram. Please be consistent with units in the final document.
2. Section E.2.2, page ES-8, first complete paragraph, first sentence
The metal cadmium is described as exceeding basewide background concentrations. While the text specifies concentrations for arsenic, lead, mercury and silver, it neglects to provide the concentration of cadmium. Please include this concentration range from Table 5-20 in the final document.
3. Section 2.2, page 2-8, second paragraph, second sentence
This sentence should be revised to indicate that ten soil borings were collected and sampled rather than installed.
4. Section 4.4.2, page 4-9, first paragraph, second sentence
This sentence should be revised to read “Five of the six SVOC (Semi Volatile Organic Compounds)....”
5. Section 4.4.2, page 4-9, first paragraph, last sentence
This sentence should be revised to read “... groundwater sample from well S12WP05....”
6. Section 4.4.4, page 4-12, second complete paragraph, first sentence
This sentence should be revised to read “... several SVOCs, including 14 PAHs (Polynuclear Aromatic Hydrocarbons)....”
7. Section 4.6.1, page 4-16, third paragraph, first sentence
This sentence should be revised to read “Five VOCs (Volatile Organic Compounds), six....”
8. Section 4.7.5.1, page 4-33, first paragraph, second sentence
This sentence should be revised to read “The maximum concentration of nickel in sediment exceeded all....”

9. Section 4.7.5.1, page 4-33, second paragraph, second sentence
This sentence states that selenium was not found in any other medium at the site but it is not clear which medium selenium was found in. Please correct this error in the final document.
10. Section 4.0, text, tables and figures
Monitoring well and soil boring designations as well as various media sample designations are referenced in the text but are not displayed in tables and figures in the same nomenclature. Please be consistent with designations in the final document.
11. Section 4.0, Figure 4-2
This figure contains the symbol © in multiple locations, but that symbol is not identified in the legend. Please add this symbol to the legend in the final document.
12. Section 5.7.5.1, page 5-34, third complete paragraph, last sentence
This sentence should be revised to read “For these reasons, chromium should be....”
13. Section 5.0, text, tables and figures
See comment number 10.
14. Section 6.4.1.1, page 6-7, first paragraph
The rationale for excluding metals from the evaluation of surface soil sampling conducted for this RI should be included in the final version of this document.
15. Section 6.6.2, page 6-19, third paragraph, first sentence
Please delete the word only at the end of this sentence.
16. Section 6.7.5.1, page 6-30, first complete paragraph, last sentence
This sentence should be revised to read “... it appears that copper should be eliminated as a COPC (Chemicals of Potential Concern) in all media and the aquatic food chain.”
17. Section 6.0, text, tables and figures
See comment number 10.
18. Section 7.8.1, page 7-15, paragraph number 2
The last sentence in this paragraph should be removed. It is a repeat of a previous sentence.