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NAS SOUTH WEYMOUTH
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EMAIL AND U S NAVY RESPONSE TO U S EPA REGION I AND MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION COMMENTS REGARDING DRAFT
FINAL FIVE YEAR REVIEW NAS SOUTH WEYMOUTH MA (PUBLIC DOCUMENT)

06/11/2009

TETRA TECH NUS

Helland, Brian J CIV NAVFAC Midlant

From: Call, Phoebe [Phoebe.Call@tetrattech.com]
Sent: Thursday, June 11, 2009 1:26 PM
To: Helland, Brian J CIV NAVFAC Midlant; Barney, David A CIV OASN (I&E) BRAC PMO NE; Keckler.Kymberlee@epamail.epa.gov; Chaffin, David (DEP)
Cc: Campbell, Thomas
Subject: Responses to Comments: Draft Final Review Version- Five-Year Review

Responses to the EPA and MassDEP comments on the draft final review version of the NAS South Weymouth Five-Year Review are provided below. The responses are being provided via email only given the few remaining comments. All tracked changes shown in the draft final review version will be accepted and the changes noted below incorporated into the final document. A Navy signature page will be added to the final document, and after Navy approval signed by Dave Barney. Distribution of the final, signed report will be completed on July 10th for receipt by EPA on Monday July 13, 2009, the due date for this five year review.

Phoebe
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EPA Comments - June 5, 2009

Letter Comment 3: Please change "asphalt-like" to "petroleum-like" (page 2-11). EPA's field observations and photographic records of the excavation noted strong petroleum odors and floating product on standing water in the pit.

Response: Text has been changed as suggested in the comment.

Letter Comment 4: Please check tables 2-5, 2-6, 2-9 and 2-10. The pH values appear in error and the DO and ORP fields appear to be switched.

Response: The tables have been reviewed and corrected as necessary.

Specific Comment 6: Please annotate Figures 2-5 and 2-6 to indicate that the graphed data are 'total' values.

You may consider modifying page 2-32 to indicate that the data set is not yet robust enough to make definitive statements regarding trends or statistically significant interpretations. The statement that, "over time, the geochemistry is expected to change as the landfill materials naturally biodegrade," should be deleted. While it is true that materials will continue to degrade, the rate of that degradation is expected to be slow, and reduced conditions will persist during the slow degradation. If Navy believes the process will evolve over a shorter time-frame (e.g., < 30 years) a detailed analysis should be presented to support this.

Response: Figures and text have been changed as suggested in the comment.

Specific Comment 21: The text should acknowledge the Navy's intention to monitor groundwater at this site. Post-remedial groundwater samples are needed to determine whether there have been any groundwater impacts attributable to this site.

Response: The final paragraph of Section 3.1.9 has been revised as follows:

"The Navy is preparing an engineering evaluation and cost analysis (EE/CA) to select an appropriate removal action. Post-removal monitoring, including the need for groundwater monitoring, will be determined based on an evaluation of the confirmatory samples collected during the removal action. Following the successful completion of the removal action, the Navy plans to prepare a No Further Action Proposed Plan and ROD. The schedule for subsequent activities is included in Appendix F (FFA schedule)."

MassDEP Comments - May 22, 2009

Comment 1: While reviewing Table 2-5, I noticed that some of the rows listing field parameters were mislabeled.

Response: The tables have been reviewed and the field parameter values have been revised as necessary.

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