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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
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Date: January 21, 1992

Mr. Kenneth Walker  
Department of the Navy  
Atlantic Division Naval Facilities Engineering Command  
Code: 1822  
Norfolk, Virginia 23511-6287

Re: Norfolk Naval Base, Norfolk, Virginia  
TRC Site Summary Review, Site 1, Camp Allen Landfill, Areas A and B

Dear Mr. Walker:

The U.S. Environmental Protection Agency (EPA) has reviewed the above documents. These documents summarize field activities, remedial investigation results, and future remedial investigation activities for their respective areas. EPA has the following comments regarding these documents:

1. EPA has only ground-water analytical results for volatile organic compounds from Area A, Area B, and the residential wells in Glenwood Park. The ground-water analytical results for acid-extractable semivolatile organic compounds, total metals, and dissolved metals from Areas A and B should be provided to EPA. Any analytical results in excess of EPA maximum contaminant levels (MCL) or contaminant levels set by other applicable or appropriate and relevant requirements (ARAR) should be noted.
2. Area A, Summary, second paragraph. This paragraph states: "The results of the residential well sampling did not indicate any contamination that can be attributable to the landfill in ground water collected from the residential wells in Glenwood Park." Because tetrachloroethene, 2-butanone, and 1,2-dichloroethane were detected in both the landfill and some of the residential wells, a rationale for the above statement should be provided to EPA.
3. Area A, Field Activities Performed, Statement 3 and Area B, Field Activities Performed, Statement 3. Both these statements say that surface water and sediment samples were collected and analyzed for their respective areas. The analytical results for these samples should be provided to EPA. Any results in excess of MCLs or contaminant levels set by other ARARs should be noted.
4. Area A, Field Activities Performed, Statement 4 and Area B, Field Activities Performed, Statement 4. Both these statements say that in-situ hydraulic conductivity tests were performed. EPA should be informed whether these were rising-head tests, falling-head tests, or rising and falling-head tests, and the calculated hydraulic conductivity for each well tested should be provided to EPA.
5. Area A, Field Activities Performed, Statement 6. The results of the tidal influence testing should be provided to EPA.

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6. Area A, Future Remedial Investigation Activities, Statement 3. This statement indicates that an aquifer test will be performed to determine the hydraulic properties of the Yorktown aquifer. EPA should be informed whether this is to be a pumping test, and whether this test is expected to provide information on any interconnections between the Yorktown aquifer and the surficial aquifer.
  
7. Area B, Future Investigation Activities. Surface soil samples should be taken around the Camp Allen Elementary School, as metals maybe present in these soils.

If you have any questions, please feel free to call me at (215) 597-7858.

Sincerely,



Robert Thomson, P.E.  
Federal Facilities (3HW26)