



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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NAS BRUNSWICK
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ANGUS S. KING, JR.
GOVERNOR

MARTHA KIRKPATRICK
COMMISSIONER

May 30, 2002

Mr. Orlando J. Monaco
Code 1821 LM
Department of the Navy, Northern Division
Naval Facilities Engineering Command
10 Industrial Highway, Mail Stop 82
Lester, PA 19113-2090

Re: Additional Investigation Tasks at the Eastern Plume Southern Boundary,
Naval Air Station Brunswick, Maine

Dear Mr. Monaco:

The Maine Department of Environmental Protection (MEDEP) has reviewed the proposed additional investigation of the Eastern Plume-Southern Boundary presented by the Navy in EA's letter dated April 8, 2002. The resolution of outstanding issues has been coordinated with the USEPA to help streamline the process. This letter incorporates the views of both EPA, as well as MEDEP's, regarding the Eastern Plume Southern Boundary. Similarly, the EPA's letter regarding Site 11 should be regarded as supported by MEDEP and incorporates our comments.

MEDEP concurs with the proposed investigation at the Southern Boundary of the Eastern Plume with the qualification that the following concerns or clarifications are appropriately addressed, and are incorporated into the Final Work Plan for review prior to initiation of field work.

1. Representatives of the agencies and BACSE will be present during the location of the four soil boring/well points identified in EA's letter of April 8, 2002, and have the latitude to select the final specific points. The general location of each proposed boring covers those key locations the agencies requested.
2. The methodology of collecting continuous soil samples was not identified by the Navy, and needs to be one that will not result in significant gaps due to missing sections of core (perhaps Shelby tubes may be best). No matter which method is selected, MEDEP and EPA strongly recommend that basic geophysical logs (namely, natural gamma and electrical conductivity) be run at each bore hole.
3. The laboratory analytical method to be applied to groundwater samples must be properly identified, and must be capable of detecting VOCs with at least the accuracy of one half their respective MEGs or MCLs, whichever is lower.

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4. It is the agencies' understanding that a 2-foot long screen will be used when collecting groundwater samples. It is further understood that these samples will be collected at 5-foot intervals beginning at -30 feet msl, and therefore, only 3 feet of depth within each 5-foot interval will be unscreened. This frequency of sampling should be adequate to encounter any VOC plume that might be present.
5. MEDEP/EPA expects the Navy to install monitoring wells at all four locations, regardless whether or not groundwater contamination is not found at the locations. These new wells are necessary for potentiometric head measurements to clarify deep groundwater flow direction, and potentially, to serve as long-term sentinel monitoring wells.

Thank you for the opportunity to review this proposal. If you have any questions or comments please call me at (207) 287-7713.

Respectfully,



Claudia Sait
Project Manager-Federal Facilities
Bureau of Remediation & Waste Management

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