



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
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BOSTON, MASSACHUSETTS 02114-2023

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October 11, 2001

Mark Evans, Remedial Project Manager
U.S. Department of the Navy
Naval Facilities Engineering Command
Northern Division
10 Industrial Highway
Code 1823, Mail Stop 82
Lester, PA 19113-2090

Re: Round 7 Groundwater Monitoring Report for the Area A Landfill at the Naval
Submarine Base New London in Groton, CT

Dear Mr. Evans:

EPA reviewed the *Round 7 Groundwater Monitoring Report for Area A Landfill*, dated September 2001. The report provides a brief review of the site history and documents groundwater analyses based on sampling performed in March 2001. No interpretation of results is attempted; interpretation is deferred until the next Annual Report. EPA paid particular attention to conformance to the Groundwater Monitoring Plan [1], completeness of the execution and presentation, and any preliminary indications of contaminant trends. Detailed comments are provided in Attachment A.

The field and analytical activities summarized in the Groundwater Monitoring Report (GMR) generally follow the Groundwater Monitoring Plan [1]. Exceptions include the omission of three surface water samples due to lack of water at the planned sample locations. Problems occurred with shipping of the groundwater monitoring well sample for monitoring well 4MW1S and for surface water samples from SG-22 and SG-24. Consequently, due to the exceedance in holding times, these samples were only analyzed for TAL metals (total and dissolved).

Qualitative review of the data raises no significant concerns with respect to contaminants from the site that may have impacted groundwater. There are no detections of VOCs, pesticides, or PCBs. The SVOC phenanthrene was detected above primary monitoring criteria in six groundwater samples. The SVOC benzo(a)pyrene was detected in a sample collected from monitoring well 2WMW38DS at a concentration which slightly exceeded the primary monitoring criterion. Zinc, lead, and arsenic exceedances were detected in groundwater and surface water samples collected in this Round of sampling.

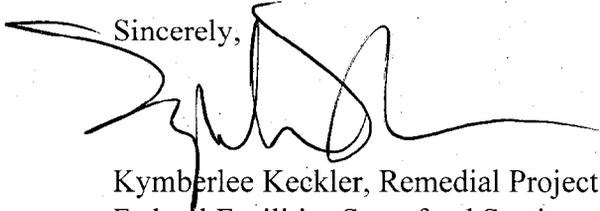
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I look forward to working with you and the Connecticut Department of Environmental Protection to protect the groundwater resources in the vicinity of the Area A Landfill. Please do not hesitate to contact me at (617) 918-1385 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kimberlee Keckler', written over the word 'Sincerely,'.

Kimberlee Keckler, Remedial Project Manager
Federal Facilities Superfund Section

Attachment

cc: Mark Lewis, CTDEP, Hartford, CT
Dick Conant, NSBNL, Groton, CT
Jennifer Stump, Gannett Fleming, Harrisburg, PA

ATTACHMENT A

<u>Page</u>	<u>Comment</u>
pp. 3-1 & 3-2, §3.0	Several of the values listed in these bulleted items should include the J qualifier. Please review the data results presented in this text with those presented in Tables 3-1 and 3-2 and include the J qualifier where appropriate.
p. 3-2, §3.0	The maximum concentration for lead detected in filtered groundwater samples appears to be incorrect. The value listed, 5.9 ug/L, should be confirmed. The filtered sample from monitoring well 2WMW46DS reportedly contained 6.6 (J) ug/L. Please review Table 3-1 and correct the text.

REFERENCE

- [1] Tetra Tech NUS, Inc., "Groundwater Monitoring Plan for Area A Landfill, Naval Submarine Base, New London, Groton, Connecticut," January 1999.