



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

N00129.AR.001020
NSB NEW LONDON
5090.3a

December 8, 2003

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 6 Groundwater Monitoring Report for the Goss Cove Landfill at the Naval Submarine Base New London

Dear Mr. Evans:

EPA reviewed the *Round 6 Groundwater Monitoring Report, Goss Cove Landfill*, dated November 2003 in light of its conformity with the *Groundwater Monitoring Plan* [1] and the pending *Operation and Maintenance Manual* [2]. The report tabulates analytical results from the sixth round of long-term monitoring for Goss Cove Landfill, performed in June 2003. The report was also reviewed for any indications of unexpected results or data of questionable validity. Modified criteria are proposed in the pending *Operation and Maintenance Manual*. The sixth round results will be compared to the updated criteria in the Year 2 annual report.

Arsenic remains elevated above the primary monitoring criterion (4 micrograms per liter) at wells 8MW2D, 8MW6D and 8MW6S. It should be noted that arsenic would remain in exceedance of the proposed primary monitoring criterion (4.8 micrograms per liter) in the pending *Operation and Maintenance Manual* [2] in the deep and shallow wells.

Phenanthrene was elevated above the primary monitoring criterion (0.3 micrograms per liter) at wells 8MW2D, 8MW2S, 8MW3 and 8MW7S.

Tetrachloroene (PCE) was elevated above the primary monitoring criterion (88 micrograms per liter) at wells 8MW8D and 8MW10S.

In Appendix E, the Round 5 Table IV discrepancy regarding the recorded detection limit and the reporting limit appears to have been corrected. The detection limits are now presented as lower than the reporting limits.

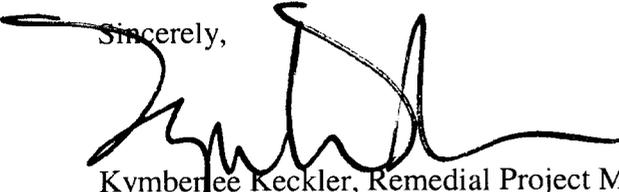
Toll Free • 1-888-372-7341

Internet Address (URL) • <http://www.epa.gov/region1>

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on Recycled Paper (Minimum 30% Postconsumer)

I look forward to working with you and the Connecticut Department of Environmental Protection to protect the environs of the Goss Cove Landfill. Please do not hesitate to contact me at (617) 918-1385 should you have any questions.

Sincerely,



Kimberlee Keckler, Remedial Project Manager
Federal Facilities Superfund Section

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

REFERENCES

Tetra Tech NUS, Inc. March 2001, *Groundwater Monitoring Plan for Goss Cove Landfill, Naval Submarine Base - New London, Groton, Connecticut.*

Tetra Tech NUS, Inc. March 2003, *Draft Operation and Maintenance Manual Installation Restoration Program Sites at Naval Submarine Base - New London, Groton, Connecticut, Volume II - Groundwater Monitoring Plan.*