



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1

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May 29, 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 11 - Groundwater Monitoring Report for the Defense Reutilization and Marketing Office at the Naval Submarine Base New London, Groton, Connecticut

Dear Mr. Evans:

EPA reviewed the *Round 11 Groundwater Monitoring Report for Defense Reutilization and Marketing Office*, dated May 2001 with particular attention to conformance with the Groundwater Monitoring Plan [1], the execution of the sampling round, the completeness of the documentation, and any indications of unexpected trends in contaminant concentrations. The report provides a brief overview of the site, a description of field activities involved in the eleventh round of monitoring, and results of sampling and analysis from sampling performed in March 2001.

The field activities and laboratory analyses reported in the document follow the Groundwater Monitoring Plan [1]. The monitoring program continues in routine fashion.

The Groundwater Monitoring Report (GMR) provides a complete record of data collected in Round 11; water levels (Appendix C), field parameters (Appendix E), and the laboratory data sheets (Appendix G) are included.

No interpretation of the data is offered, as is the intent of the GMR; interpretation is deferred to the annual report. The Round 11 data report does highlight exceedances, if detected, of primary and secondary monitoring criteria as adopted in the Groundwater Monitoring Plan.

Detections of contaminants in exceedance of monitoring criteria continue to be sporadic. No exceedances of the primary monitoring criteria were found. A few, relatively low-level exceedances of secondary criteria were detected mostly in wells with similar exceedances in the previous round. There were no unexpected detections in this round of sampling. A brief summary and discussion of exceedances follows:

- ▶ Bis(2-ethylhexyl)phthalate exceeded the secondary criterion (5.9 µg/L) in two wells: 6MW1S (11 µg/L) and its field duplicate sample 6MW1D (6.9J ug/L) and 6MW10S (8J ug/L).
- ▶ Arsenic exceeded the secondary criterion (0.14 µg/L) in three wells: 6MW2D (2.6J ug/L), 6MW10D (3.2J µg/L), and 6MW11D (10.9 µg/L).
- ▶ Zinc exceeded the secondary monitoring criterion (81 µg/L) in five wells: 6MW9S (91.7 µg/L), 6MW10D (756 ug/L), 6MW10S (261 ug/L), 6MW11S (150 µg/L), and 6MW11D (277 µg/L).

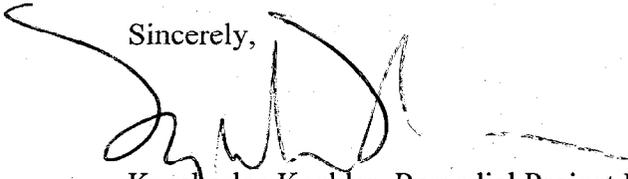
Note that a "J" qualifier indicates that the analyte was present at a concentration greater than the method detection limit, but less than the method reporting limit. The "J" qualifier indicates an estimated value.

The VOC cis-1,2-dichloroethene was detected in 6 wells at concentrations close to the method reporting limit. There are no monitoring criteria established for this chemical.

Barium was also detected in seven wells at various concentrations. There are no monitoring criteria established for this chemical.

I look forward to working with you and the Connecticut Department of Environmental Protection to complete the remedial action at the Defense Reutilization and Marketing Office. 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
Dick Conant, NSBNL, Groton, CT
Jennifer Stump, Gannett Fleming, Harrisburg, PA

REFERENCE

- [1] Brown and Root Environmental, "Groundwater Monitoring Plan for Defense Reutilization and Marketing Office, Naval Submarine Base, New London, Groton, Connecticut," February 1998.