

**United States Environmental Protection Agency**  
**Region I**  
**One Congress Street, Suite 1100**  
**Boston, MA 02114-2023**

August 27, 1999

Mr. John Ciampa  
General Electric Company  
100 Woodlawn Avenue  
Pittsfield, Massachusetts 01201

**RE: Conditional Approval of GE's July 1999 submittal entitled *Proposal for Supplemental Source Control Containment/Recovery Measures - Lyman Street Site*, by Blasland, Bouck, and Lee, Inc.**

On July 12, 1999, General Electric (GE) submitted the above-referenced report to EPA and the Massachusetts Department of Environmental Protection (DEP). EPA, after consulting with the Massachusetts DEP, conditionally approves the above-referenced submittal subject to the following conditions:

**Performance Standards and Monitoring Requirements**

The performance standards for this submittal shall be:

1. Containment, defined as no discharge of lighter-than-water non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL) to the Housatonic River and/or river sediments, including no sheens on the Housatonic River and no bank seeps in the area of the proposed containment barrier.
2. Prevention of any measurable LNAPL migration around the ends of the physical containment barrier.

GE shall continue with existing monitoring activities for the Lyman Street Site including weekly monitoring of wells LSSC-08S and LSSC-18 and weekly inspections for sheens and bank seeps.

Performance Standard #1 shall become effective upon installation of the grout sealant into the sheetpile joints. Performance Standard #2 shall become effective upon completion of the sheetpile installation (excluding the installation of the grout sealant).

**Additional Submittals Required for the Removal Action Work Plan - Upper ½-Mile Reach of Housatonic River, August 1999 ("½-Mile Work Plan")**

1. GE shall submit detailed cross-sections equivalent to cross-sections D-D through G-G shown on Figure 7-1A of the ½-Mile Work Plan. These cross-sections shall identify the limits of excavation and proposed restoration activities on the south side (riverside) of the proposed sheetpiling. The specifications and testing procedures shown on Figure 7-2 of the ½-Mile Work Plan shall apply to the rip rap to be placed in this area.
2. GE shall submit a revised Figure 4-4 for the ½-Mile Work Plan showing the lateral limits of excavation for the cross-sections required in item #1 above and to show a continuous layer of rip rap along the toe-of-slope between polygons SL0229 and SL0170.
3. The vertical extent of bank soil/sediment removal may be extended if NAPL is observed at the base of the excavation. Any increase in the depth of excavation as a result of the presence of NAPL will be consistent with the procedures specified in the ½-Mile Work Plan.

**Schedule**

1. As the Proposal for Supplemental Source Control Containment/Recovery Measures - Lyman Street Site states, GE shall perform the installation of the proposed containment barrier in conjunction with activities specified in the ½-Mile Work Plan. To be consistent with the ½-Mile Work Plan, GE shall complete the installation of the sheetpile proposed in this submittal by May 31, 2001 and shall complete the installation of the grout sealant by June 30, 2001.
2. By November 5, 1999, GE shall submit to EPA for approval the cross-sections and a revised Figure 4-4 of the ½-Mile Work Plan as required by this letter.

If you have any questions, please contact me at (617) 918-1282.

Sincerely,



Dean Tagliaferro  
On-Scene Coordinator

cc: Andrew T. Silfer, P.E., GE  
Lyn Cutler, MA DEP ✓  
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Site File