

This report has been prepared to present analytical results for the sediment samples collected during the Post-Remediation Sediment Sampling Event in the 1.5 Mile Reach of the Housatonic River in Pittsfield, MA. In general, sediment samples were obtained at three locations on every fourth transect from the original sampling plan for the Engineering Evaluation/Cost Analysis (EE/CA) which was conducted in 1998-2000. This consisted of samples at intervals of 200 feet from Transect 66 (Lyman Street) to Transect 210 (confluence of East and West Branches). The purpose of these activities was to obtain information on PCB concentrations and other physical characteristics of the sediment that has been deposited in the 1.5 Mile Reach since the completion of remediation activities.

The sediment sampling activities were coordinated with GE's 5-year post-remediation sampling effort in the Upper ½ Mile Reach.

Field sampling activities were conducted from May 25, 2007 to May 31, 2007. This report includes descriptions of the following:

- Objectives
- Sampling locations
- Field sampling procedures and Laboratory analytical procedures
- Analytical Results

The activities described in this report were conducted in accordance with project-wide and area specific planning documents. These planning documents include the following:

- Work Plan Addendum (Sampling Plan), May 18, 2007
- Project Field Sampling Plan (00-0566)
- Project Quality Assurance Project Plan and Addendum (QAPP) (00-0305)
- Project Health and Safety Plan (HASP) (00-0313)
- Site Specific Health and Safety Plan (00-0475)

Objectives

The primary objective of the Post-Remediation sediment sampling was to assess PCB concentrations and other physical characteristics of deposited sediments since completion of remediation activities in the 1.5 Mile Reach, extending from the Lyman Street Bridge to the confluence of the East and West Branches of the Housatonic River.

Sampling Locations

Sediment sampling was conducted at pre-determined locations as described below.

Sediment samples were collected at 200-foot intervals (every fourth transect) along the entire 1.5 Mile Reach, from the center, right and left sides of the river channel. These sampling locations



**U.S. Army
Corps of Engineers**

New England District
Concord, Massachusetts



**U.S. Environmental
Protection Agency**

New England Region
Boston, Massachusetts

Post-Remediation Sediment Sampling Report 1.5-Mile Reach Removal Action

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Pittsfield, Massachusetts**

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