



MCP PHASE I, II, III & IV ASSESSMENTS

Former Metal Plating Facility
Northampton, MA

New England Environmental, Inc., was hired to conduct MCP Phase I, II, III & IV Assessments on this former metal plating facility industrial landfill in Northampton, MA.

After an initial ESA and two Imminent Hazard Evaluations, a **MCP Phase I Initial Site Investigation** was completed at this former industrial landfill in 2001. The project was designed to evaluate the locations and impact of detected releases of oil and hazardous materials (OHM) by a limited investigation of soil, groundwater, and river sediments. Phase I activities included the development of the Site history relating to the use, storage, manufacture and disposal of OHM, excavation of a series of trench test pits, installation of several groundwater monitoring wells, and implementation of sampling and laboratory analytical programs. This site was found to contain a linear industrial and demolition landfill within the boundaries of the former water-power raceway.

Phase II Comprehensive Site Assessment field activities were completed in the summer of 2002 to fully characterize the extent and nature of the contamination. The results of Phase II field sampling program were used in the risk assessment, which were then used to determine and prioritize necessary remedial actions.

NEE prepared a **Phase III** Remedial Action Alternatives Assessment and submitted this with the Phase II Comprehensive Site Assessment in October 2003. The Phase III portion of the report detailed available remedial alternatives for this industrial landfill, and selected the best set of alternatives for implementation at each Area of Concern at the Site.

In 2004, NEE submitted a **Phase IV** Remedy Implementation Plan and associated **Notice of Intent** and has since been working on various tasks to bring this Site into MCP compliance.



Test pits for soil characterization.



Industrial debris found in test pits.



Cross-section of test pit with metals-impacted soil

