

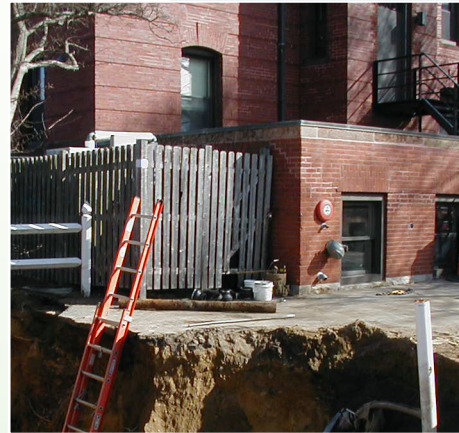


Massachusetts Contingency Plan, Immediate and Comprehensive Response Actions

Barnstable Town Hall, Hyannis, Massachusetts

The Horsley Witten Group, Inc. (HW) was contracted by the Barnstable Engineering Department to complete Immediate Response Actions (IRAs) at the Barnstable Town Hall in Hyannis, Massachusetts in response to a release of heating oil from an underground storage tank (UST). The release occurred when a previously unknown UST was discovered during the installation of a sewer line.

An estimated 375 gallons of fuel oil remained in the 500-gallon UST upon discovery. During preliminary investigation, the contractor uncovered the tank, opened it, withdrew the fuel and sludge, and unearthed the tank. HW directed the removal of the UST, product and contaminated soil. Soil located above the tank depth was screened with a photoionization detector (PID) to detect petroleum hydrocarbons.



HW designed and implemented an IRA Plan in response to the release, which included the installation of soil borings and groundwater monitoring wells, and the collection and laboratory analysis of on-site soil and groundwater off-site sediment, as well as the removal of a non-aqueous phase liquid (NAPL) from a well installed in the source area. HW designed a NAPL removal program as well a strategic sampling plan to determine the nature and extent of the groundwater contamination.

HW also completed the applicable DEP required reports, including a Release Notification Form, IRA Plan, IRA status reports and a Response Action Outcome Statement. The remedial program was successful in achieving acceptable contaminant concentrations and closing the site.

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