

Addendum and Modification to April 16, 2004 "Supplemental Scope Of Study, Former New Haven Water Company Property, Hamden Connecticut" (June 28, 2004)

By: Leggette, Brashears & Graham, Inc.

Why Was the Proposed Work Plan Changed?

It was changed to add data, correct data tables and offer a new way of testing that would speed up the testing schedule.

What Was Changed?

- A list of references was added. It included historical documents such as Hamden Annual Reports from 1899 to 1966, sanitation inspection reports at the Hamden Middle School from 1946 to 1965, communications about the athletic fields, health assessments and other investigative reports at the Hamden Middle School site.
- Updated tables. The new tables note where soil samples exceeded state standards at a lower level than the previous tables. Also, more recent water quality information available after the work plan was submitted to DEP in April was added.
- New technology for testing. The consultant proposed using a method for testing for halogenated volatile organic compounds (VOCs) that will speed up the time it takes to get results. They proposed using a multi-interface probe (MIP) mounted to the end of the geoprobe (a machine used to take soil samples). The probe is wired to a monitor in a nearby van that can print out results on a graph within one minute. Based on the readings from the probe, the consultants can then continue to take more samples until they can complete the testing. This probe can test for vapors as well as determine the nature of soils (clay, silt, gravel) by measuring the soil's grain size. By providing testing results "on the spot," the MIP probe will speed up the testing by several weeks.