

June 28, 2004

Ms. Elsie Patton
Planning and Standards Division
Bureau of Waste Management
Connecticut Department of Environmental Protection
79 Elm Street
Hartford, CT 061069-5127

RE: Addendum and Modification to April 16, 2004
"Supplemental Scope of Study, Former Hew Haven Water
Company Property, Hamden, Connecticut"
Consent Order No, SRD-128

Dear Ms. Patton:

The following is an addendum and modification to the above-referenced report prepared by Leggette, Brashears and Graham, Inc. (LBG) on behalf of the South Central Connecticut Regional Water Authority (RWA). It has come to our attention that we did not include a reference list in the above-referenced report. The omitted reference list is included in Attachment I. As requested by Shannon Pociu of the Connecticut Department of Environmental Protection (CTDEP), this list was transmitted electronically on June 1, 2004.

Attachment II includes updates to some of the tables in the April 2004 Supplemental Scope of Study which summarize soil and ground-water analytical results. The attached tables show lower detection limits for constituents that previously exceeded criteria outlined in the CTDEP Remediation Standard Regulations (RSRs). The lower detection limits were certified by York Analytical Laboratories, which is a Connecticut Department of Public Health (CTDPH) certified laboratory. As shown on the attached tables, the detection limits for soil samples which previously exceeded RSR criteria (specifically synthetic precipitation leaching procedure results of antimony and thallium) and detection limits for the most recent water-quality results all meet or are lower than criteria outlined in the RSRs.

Attachment III includes a replacement text for Section 5.9 of the April 2004 Supplemental Scope of Study. Section 5.9 describes the plan to investigate the unconsolidated materials identified in the northeastern portion of the athletic field identified with halogenated volatile organic compounds (VOCs). This section was revised to incorporate the use of a direct

push drill rig equipped with a multi-interface probe (MIP). An MIP is a probe which provides real time total concentrations of VOCs (detection limit of 250 parts per billion (ppb)) and conductivity of soil by utilizing a laboratory grade photoionization detector (PID), flame ionization detector (FID) and electron capture device (ECD). An MIP can be utilized to assess VOC concentrations in soil above and below the water-table. The purpose of incorporating the direct push drill rig equipped with the MIP is to expedite the investigation. The MIP would be utilized during the investigation to locate the limits of the VOC source area in the unconsolidated materials. As identified in Attachment III, the extent and concentrations of VOCs in the unconsolidated materials would still be verified through laboratory testing.

If you have any questions or comments, please do not hesitate to contact me.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.

Michael Manolakas
Associate

Reviewed by:

Jeffrey B. Lennox, CPG, LEP
Principal

JBL:ng

Enclosure

cc: T. Chaplik
G. Sharp
S. Pociu

H:\SCCRW\2004\Hamden\Work Plan\Addendum and Modification.DOC

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information is punishable as a criminal offense under §53a-157b of the Connecticut General Statutes and any other applicable law.”

South Central Connecticut Regional Water Authority
Thomas V. Chaplik
Vice President

Leggette, Brashears & Graham, Inc.
Jeffrey B. Lennox
Principal