



STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



CONDITIONAL APPROVAL

January 12, 2005

David Silverstone  
Chief Executive Officer  
Regional Water Authority  
90 Sargent Drive  
New Haven, CT 06511-5966

RE: Request for Modification to Sampling Plan and Addendum  
Supplemental Scope of Study  
Former New Haven Water Company Property  
Hamden, Connecticut  
Consent Order No. SRD-128

Dear Mr. Silverstone:

The Remediation Section of the Department of Environmental Protection has reviewed the Letter titled, "Request for Modification to Sampling Plan and Addendum to "Supplemental Scope of Study, Former New Haven Water Company Property, Middle School Site, Hamden, Connecticut,"" dated December 14, 2004, prepared for the Regional Water Authority ("RWA") by Leggette, Brashears & Graham, Inc. ("LBG") and received on December 20, 2004 ("Letter"). The Letter was submitted following:

- (1) The Department's July 19, 2004 Conditional Approval of the Work Plan titled, "Supplemental Scope of Study, Former New Haven Water Company Property, Hamden, Connecticut," dated April 16, 2004, and the "Addendum and Modification to "Supplemental Scope of Study, Former New Haven Water Company Property, Hamden, Connecticut,"" dated June 28, 2004, all prepared for the Regional Water Authority by Leggette, Brashears & Graham, Inc. (collectively referred to as the "Work Plan"); and,
- (2) The Department's October 6, 2004 Approval of a letter requesting modification to the Work Plan dated August 5, 2004.

The Work Plan and subsequent request for modification were submitted pursuant to paragraph B.3.b of Consent Order No. SRD-128 issued on April 16, 2003.

The Letter proposes sampling protocol for dioxin and furan analysis of samples containing PCBs, locations for offsite monitor wells, and residential soil-vapor sampling to supplement the investigation of the portion of the Newhall Street Neighborhood site in Hamden occupied by Hamden Middle School, a portion of the Hamden Community Center, and properties located at 249-251 and 253-255 Morse Street.

The Letter is hereby approved with the following conditions:

1. Dioxin analysis of samples containing PCBs. The Department understands that additional investigation was completed at Hamden Middle School in late December 2004 to delineate the extent of PCB contamination in subsurface soils west of the tennis courts. The RWA must evaluate this new data and resubmit the request for modification to the sampling plan for dioxin and furan analysis of samples containing PCBs given the new information.
2. Proposed offsite monitor wells. The locations of the two proposed monitor wells on Dudley Street and mid-St. Mary Street are too far away and not appropriate at this point in the investigation. The Department requires that, at least initially, wells must be installed closer to the known extent of the plume. Therefore, shallow and deep clustered monitor wells must be installed approximately 250 feet north of the proposed well location on St. Mary Street and in front of the building located at 368 Morse Street. If groundwater contamination is identified in monitor wells at either location, then additional monitor wells must be proposed to further characterize the extent of volatile organic compounds in groundwater emanating from the Hamden Middle School portion of the site.

Nothing in this approval shall affect the Commissioner's Authority to institute any proceeding, or take any other action to prevent or abate pollution, to recover costs and natural resource damages, and to impose penalties for violations of law including but not limited to violations of any permit issued by the Commissioner. If at any time the Commissioner determines that the approved actions have not fully characterized the extent and degree of pollution, the Commissioner may institute any proceeding, or take any action to require further investigation. This approval relates only to pollution or contamination identified in the above referenced Work Plan.

In addition, nothing in this determination shall relieve any person of his or her obligations under applicable federal, state and local law.

No provision of this approval and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the actions taken pursuant to this approval will result in compliance.

If you have any questions pertaining to this matter, please contact Shannon W. Pociu of my staff at (860) 424-3546.

Sincerely,



Elsie Patton  
Acting Director  
Planning and Standards Division  
Bureau of Waste Management

EP:SWP

cc: Thomas Chaplik, Regional Water Authority  
Gregory A. Sharp, Murtha Cullina LLP  
Jeff Lennox, Leggette, Brashears & Graham, Inc.  
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