



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



CONDITIONAL APPROVAL

April 16, 2007

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

Re: Conditional Approval to suspend soil vapor testing at 315-317 Morse Street
Former Hamden Middle School Site
Hamden, Connecticut
Consent Order No. SRD-128

Dear Mr. Silverstone:

The State of Connecticut Department of Environmental Protection (the Department) has received and reviewed the report titled, *Second Bi-monthly Sample Results for 315-317 Morse Street and Quarterly Groundwater Results* (the Report), dated February 8, 2007, submitted by Leggette, Brashears, & Graham, Inc. (LBG), on behalf of the South Central Connecticut Regional Water Authority (RWA).

The former Hamden Middle School (the Site) is an area of investigation currently consisting of the former Hamden Middle School and a portion of the Newhall Community Center (also known as Newhall Street School) and two residential properties (249-251 and 253-255 Morse Street). The Site is being evaluated under Consent Order No. SRD-128, dated April 16, 2003, executed by Town of Hamden, RWA, Olin Corporation, State Board of Education and the Department.

The Report presents the data for the first and second rounds of soil-vapor samples collected from 315-317 Morse Street, the second quarter groundwater monitoring results collected from the monitor well cluster (LBG-MW-28A and 28B) located in the wetland area north of the former Hamden Middle School, and a request to suspend soil vapor monitoring at 315-317 Morse Street.

The Department hereby approves the Report with the following conditions:

1. At this time, the Department approves LBG's request to suspend soil vapor monitoring at 315-317 Morse Street. However, as additional data is generated for the characterization of the VOC plume at the Site and it is determined by the Department that soil vapor monitoring at 315-317 Morse Street is warranted, LBG shall resume soil vapor monitoring. The soil vapor monitoring shall be conducted in accordance with the Department's Conditional Approval letter to RWA dated August 17, 2006.
2. Pursuant to the Department's Conditional Approval letter to RWA dated August 17, 2006, the Department is to be provided the analytical results from the testing laboratory indicating that the Summa canisters are appropriately cleaned prior to shipment. These analytical results were not

included in the Report. LGB shall provide the Department these analytical results within seven days of the date of this letter.

3. Future submittals regarding the groundwater and soil vapor testing shall include:
 - (a) a discussion of the laboratory results and identify any exceedances of applicable criteria of Regulations of the Connecticut State Agencies, Remediation Standard Regulations (RSRs);
 - (b) a proposed scope of work for any additional investigation deemed necessary by RWA to further define the extent and degree of pollution and for any interim remedial actions necessary to protect human health; and
 - (c) a discussion regarding the detection of compounds in the field blanks.

4. The groundwater flow at the former Hamden Middle School is generally from the east to the west/southwest. However, it appears that a small portion of water entering the northeastern portion of the Site discharges to the wetland corridor north of the Site. Although, groundwater data available from monitoring wells located north of the VOC source area (LGB MW 11A and 11B, 18A and 18B and 19) did not indicate exceedances of the applicable groundwater standards for VOCs, there is no current data. To determine that VOCs are not discharging to the wetland corridor, groundwater samples from LGB MW-28A and 28B shall be collected and analyzed for halogenated VOCs by EPA Method 8260B. Where technically feasible, the limits of detection must be less than the lowest applicable RSRs criteria.

If at any time the Commissioner determines that the actions at the site have not fully characterized the extent and degree of pollution or have not successfully abated or prevented pollution, the Commissioner may institute any proceeding, or take any action to require further investigation or further action to prevent or abate pollution. If you have any questions regarding this matter, please contact Eileen Barnes of my staff at (860) 424-3797.

Sincerely,


Patrick F. Bowe
Director
Remediation Division
Bureau of Water Protection and Land Reuse

PFB:emb
G:Hamden/Hamden Middle School/Letter DEP Determinations on LBG's Report February 8, 2007

cc: Thomas Chaplik, RWA
Michael Manolakas, LBG
Jeff Lennox, LBG
Raymond Horn, Olin Corporation
Nelson Walter, MACTEC
Chris Harriman, Haley & Aldrich, Inc.
Honorable Mayor Craig Henrici, Town of Hamden
Brian Cutler, Loureiro Engineering Associates, Inc.

Mr. David Silverstone

Conditional Approval of the proposal to suspend soil vapor testing at 315-317 Morse Street

Former Hamden Middle School

April 16, 2007

Page 3 of 3

Meg Harvey, DPH

Leslie Balch, QVHD

Robert Bell, DEP

Elizabeth Hayes, Newhall Advisory Committee

Kevin Hood, ERI, UConn

Jill Barrett, Fitzgerald and Halliday

Public Information Repositories