



VIA E-Mail

October 11, 2013

State of Connecticut
Department of Economic and Community Development
Office of Brownfield Remediation and Development
505 Hudson Street
Hartford, Connecticut 06101 - 7106

Attn: Don Friday

**RE: Reporting of Certain Significant Environmental Hazards
Former Mystic Oral School for the Deaf
Groton, Connecticut**

Dear Mr. Friday:

In accordance with the requirement of Section 22a-6u of the Connecticut General Statutes (CGS), we have prepared this letter to provide notification to State of Connecticut Department of Economic and Community Development (CT DECD) regarding a Significant Environmental Hazard identified during the performance of subsurface investigation activities at the Mystic Oral School for the Deaf (hereinafter referred to as the "Site") located at 0 Oral School Road, Groton, Connecticut. On August 28, 2013, soil samples were collected by Loureiro Engineering Associates, Inc. (LEA) during the advancement of soil sample locations SS-300 and SS-319. As identified on the Partial Site Plan, included as Figure 1, soil sample locations SS-300 and SS-319 are located approximately along the perimeter of the Crouter Building.

Soil samples collected from SS-300 and SS-319 were submitted to Con-test Laboratories, Inc. of East Longmeadow, Massachusetts (Con-test) for analysis of pesticides by EPA Method 8081B. On September 5, 2013, LEA received the final laboratory analytical results for the soil samples collected from the 0 to 0.5-foot intervals of SS-300 and SS-319 (sample ID number 1287377 and 1287397, respectively) which indicated the presence of chlordane at concentrations of 66 milligrams per kilogram (mg/kg) and 350 mg/kg, respectively. The laboratory analytical reports were verified by LEA on October 10, 2013. The detected concentrations of chlordane in these two samples exceed thirty times the Residential Direct Exposure Criteria (RDEC) of the Connecticut Remediation Standard Regulations (RSRs) ($0.49 \text{ mg/kg} * 30 = 14.7 \text{ mg/kg}$). Copies of the final laboratory analytical results for the samples are attached.

Section 22a-6u(d) of the CGS specifies that an environmental hazard of surface soil contamination exists when pollution has caused soils within two feet of the surface to be contaminated with a substance, other than total petroleum hydrocarbons, at a concentration at or above thirty times the applicable direct exposure criteria. This letter is intended to formally satisfy the obligation of the technical environmental professional to notify our client and the

Loureiro Engineering Associates, Inc.

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owner of the property. Additional notification must be submitted to the Commissioner of the DEEP within ninety days (January 10, 2014) based on the verbal notification date of October 10, 2013) of this notification, unless:

1. The contaminated soil is remediated in accordance with the RSRs; or
2. The contaminated soil is inaccessible in accordance with the RSRs; or
3. The contaminated soil is treated and disposed of in accordance with all applicable laws and regulations.

Should you have any questions or comments, please do not hesitate to contact me at 860-410-2956.

Sincerely,

LOUREIRO ENGINEERING ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Darby W. Hittle".

Darby W. Hittle, L.E.P.
Senior Project Manager

Attachments