

150439
February 6, 2020

Brian Carey
Director of Conservation
Fairfield Health Department
725 Old Post Road
Fairfield, CT 06824

Re: **DRAFT Plan for Abatement of SEH
Osborn Hill School**

Dear Mr. Carey:

The following is the Plan for Abatement of a Significant Environmental Hazard (SEH) at the Osborn Hill School located at 760 Stillson Road in Fairfield, CT. The SEH consists of elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) in surface soils (i.e. within two feet of the ground surface) adjacent to the parking lot.

Tighe & Bond conducted sampling of the surface soils in the parking lot in August, October, and December 2019 to evaluate for the presence of "Julian Fill" as part of the Town-wide fill investigation program. The sampling indicated the presence of PAHs in surface soils at concentrations exceeding the Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations (CT DEEP RSRs). Specifically, soils within two feet of the ground surface were reported to contain the PAHs at concentrations above the Significant Environmental Hazard (SEH) threshold of 15 times the Residential Direct Exposure Criteria (I/C DEC) as defined in Section 22a-6u of Connecticut's General Statutes (CGS) as "Surface Soil Contamination". A data packet including a sampling location map and analytical data summary table is enclosed.

In accordance with CGS Section 22a-6u, if the Surface Soil Contamination is excavated and properly disposed of ("abated") within 90 days from the receipt of the laboratory report, it does not require notification to CTDEEP. The soil analytical data was received from the laboratory on November 11, 2019 so excavation would have to be completed by February 11, 2020.

Tighe & Bond has estimated the excavation limits for the two areas of Surface Soil Contamination as shown on the enclosed map. The soil will be excavated to a depth of two feet which is the applicability of the SEH. Samples will be collected from the sidewalls to confirm the SEH has been abated and the base of the excavation to document concentrations left in place. Note that further remediation will be required in the future to achieve general compliance with the RSRs.

After the SEH has been abated, a report will be submitted to the CTDEEP to obtain a "Certification of Completion".



If you have any questions, please contact me at (860) 704-4761 or jtolsen@tighebond.com

Very truly yours,

TIGHE & BOND, INC.

James T. Olsen, PG, LEP
Vice President

