

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Renée D. Coleman-Mitchell, MPH
Commissioner



Ned Lamont
Governor
Susan Bysiewicz
Lt. Governor

Environmental Health Section

January 10, 2020

Ms. Meredith Febbraio
Project Manager
Tighe and Bond, Inc.
213 Court Street
Middletown, CT 06457-3346

RE: Approval to Perform Asbestos Abatement (Revised)
Stamford High School, 55 Strawberry Hill Avenue, Stamford, CT
Classrooms 249, 249A, 250, 251, 252, 253, 254, 254A, 254B, 255, 255A, 256, and
Connecting Corridor

Dear Ms. Febbraio:

This letter is provided in response to a revised Application to perform Asbestos Abatement While School is In Session (hereafter "Application"). This Application was received by the State of Connecticut Department of Public Health (hereafter the "Department") from Tighe & Bond on or about January 10, 2020. The Application requested approval from the Department to allow the removal of asbestos containing materials (hereafter "ACM") during a period when the school is fully occupied with children. The ACM to be abated includes approximately 7,650 square feet (hereafter "SF") of Ceiling Plaster; and approximately 5,240 SF of Vinyl Floor Tiles and Underlayment (hereafter "VAT"). The locations of these materials are detailed in your Application. Your request was made in accordance with the provisions of Section 19a-333-7 of the Regulations of Connecticut State Agencies (hereafter "RCSA").

Based upon a review of your revised Application, as well as a site visit on January 8, 2020, approval is conditionally granted by the Department to conduct this asbestos abatement activity while the school is fully occupied with children.

This asbestos abatement project shall begin no sooner than December 9, 2019 and shall be completed by February 19, 2020. Unless otherwise authorized, all abatement activities shall take



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place during second shift hours, between 3:30 PM and 11:30 PM. This approval is granted by the Department with the following additional conditions:

- 1) This project shall be subject to full-time oversight by a Department certified Project Monitor (hereafter "Monitor"). No work shall be performed on this project unless the Monitor is physically on site.
- 2) Classrooms 249, 249A, 250, 251, 252, 253, 254, 254A, 254B, 255, 255A, and the Connecting Corridor (hereafter the "Work Area") shall be fully isolated from the remainder of the occupied school using fixed barrier walls, locked doors, and polyethylene barriers as detailed in your application.
- 3) The approval for the location and material fire rating for the fixed barriers to be installed to isolate the Work Area shall be received separately from the City of Stamford Building and Fire Officials, and are expressly not part of this Application approval.
- 4) For the duration of this project, the ventilation system within the Work Area shall be de-energized and physically isolated in an airtight manner from the remainder of the facility HVAC system.
- 5) At no time during the performance of this asbestos abatement work shall school age children be allowed in the portion of the school where the asbestos abatement project is being performed.
- 6) Steps 2 and 4 above shall be accomplished prior to beginning Step 5. The removal of the HVAC units, book cases, carpeting, and other cabinets in the Work Area shall be observed by the Monitor and performed by the Department licensed Asbestos Contractor (hereafter "Contractor"). If at any time during this work the VAT in the Work Area is disturbed, or is likely to be disturbed, then work shall stop, and the remainder of Step 5 shall be accomplished as part of the asbestos abatement project.
- 7) The Contractor shall then construct the contained asbestos work area up to the ceiling tile grid, in full accordance with the RCSA. The Monitor shall then inspect the integrity of the contained work area and verify in his/her logs the completion of this pre-abatement inspection.
- 8) In full accordance with the RCSA, the ceiling tiles in the Work Area shall then be removed by the Contractor and discarded as asbestos waste. For any applicable Work Area boundary wall, the Contractor shall then, prior to disturbing any other materials, carefully remove enough plaster and metal lath from the plaster ceiling to allow a critical barrier and wall polyethylene to be firmly attached to the upper concrete ceiling, thereby

sealing the subject work area air-tight. The Monitor shall then inspect the integrity of the contained work area and verify in his/her logs the completion of this inspection.

- 9) The next phase of work shall be the removal by the Contractor, in full accordance with the RCSA, of ceiling plaster around the sprinkler system anchors. Once this work has been completed the Work Area shall be visually inspected and air tested by the Monitor in full accordance with Section 19a-332a-12 of the RCSA.
- 10) After reoccupancy air sampling standards in accordance with Section 19a-332a-12 of the RCSA have been met, the mechanical contractor shall then be allowed access to the Work Area in order to re-anchor the sprinkler system to the newly exposed substrate.
- 11) The final phase of asbestos abatement work by the Contractor shall then be performed and consist of, in full accordance with the RCSA, the abatement of all remaining asbestos containing materials in the Work Area.
- 12) Air samples collected by the Monitor during this project shall be analyzed by a Department certified environmental laboratory (hereafter "Laboratory"). Sample analyses shall be available by 8:00 A.M. on the day following the date of sample collection. Additionally, an electronic copy of air sample analyses shall be forwarded to the Department (stephen.dahlem@ct.gov) as soon as they are analyzed.
- 13) If, at any time during this asbestos abatement project, fiber concentrations in the vicinity of the regulated asbestos work area exceed 0.010 fibers per cubic centimeter (hereafter "f/cc") using Phase Contrast Microscopy (hereafter "PCM") analysis, work on this project shall stop and the Department shall be notified. The Monitor shall investigate and report the cause of the elevated fiber concentration to the Department.
- 14) *Any air sample analyzed by PCM that is overloaded with particulate, or any sample analysis that exceeds 0.010 f/cc, shall be further analyzed by the Laboratory using the NIOSH 7402 Transmission Electron Microscopy (hereafter "TEM") Method. Results of the NIOSH 7402 TEM sample analyses shall be submitted to the Department and the Stamford School District by 12:00 P.M. the day following collection.*
- 15) If the air samples further analyzed by the Laboratory using NIOSH 7402 TEM methods are determined to have fiber concentrations that are less than or equal to 0.010 asbestos fibers per cubic centimeter (af/cc), abatement work may recommence following verbal approval from the Department.
- 16) If any air sample further analyzed by the Laboratory using NIOSH 7402 TEM methods is either overloaded with particulate and cannot be analyzed or, if the sample fiber

concentration exceeds 0.010 af/cc, the sampled area shall be considered contaminated with asbestos. The boundaries of the contaminated area shall be determined by a Department licensed Project Designer. The contaminated area shall be fully isolated in an airtight manner from the remainder of the school. The Project Designer shall submit to the Department a written assessment of the cause of the incident, and a list of remedial actions. The Department shall issue a written approval before the affected area may be occupied and the asbestos abatement project may be resumed.

- 17) At the completion of this project, the Monitor shall provide the Department with a copy of the results of the visual inspections performed, as well as the analysis of air sampling conducted, to determine the completion of this asbestos abatement project.

Where conflicts may exist between this document and any other document submitted as part of the Request, this document shall take precedence. Additionally, this approval by the Department to perform asbestos abatement while school is in session does not relieve the Asbestos Contractor or the facility owner from satisfying the requirements of all applicable federal, state and municipal regulations. The Department reserves the right to rescind this approval if any of the conditions of this approval are violated, or should the Department determine that equivalent means of asbestos emission control are not being maintained.

Please contact me at 860.509.7365 should you have any questions regarding this approval.

Sincerely,



Stephen P. Dahlem
Supervising Environmental Analyst
Asbestos Program
Environmental Health Section



TO: Parents, Administrators, Building Occupants, Teachers, and Staff

FROM: Kevin McCarthy, Facilities Manager, City of Stamford Public Schools

DATE: December 12, 2019, Revised January 10, 2020

RE: Asbestos Abatement, Stamford High School

This is to inform you starting on or about Monday, December 16, 2019, and being conducted through Wednesday, February 19, 2020, we will be removing approximately 7,650 Square Feet [SF] of asbestos-containing ceiling plaster and 5,240 SF of asbestos-containing 9x9 floor tiles and underlayment from rooms 249, 249A, 250, 251, 252, 253, 254, 254A, 254B, 255, 255A, 256, and the adjoining hallway at Stamford High School.

Please be advised that all work will be conducted within the Federal and State regulations for proper asbestos abatement procedures.

During this project the asbestos abatement contractor will be monitored by an industrial hygiene firm, Tighe & Bond, Inc., located at 1000 Bridgeport Avenue in Shelton, Connecticut (Contact Person/Project Manager; Meredith Febbraio, (203) 712-1140).

The licensed asbestos abatement contractor (CT license number 00017) will be A.A.I.S., Inc. from West Haven, Connecticut (Contact Person/Project Manager; Mr. Jim Reilly, (203) 932-2992).

The State of Connecticut Department of Public Health – Asbestos Program is located at 410 Capital Avenue in Hartford, Connecticut (Contact phone (860) 509-7367).

Please post this notice in the area of abatement, on the main entrance to the school, at entrance to work area, and distribute to all staff, parents, and building occupants



January 9, 2020

Mr. Stephen Dahlem
Supervising Environmental Analyst
State of Connecticut
Department of Public Health – Asbestos Program
410 Capital Avenue, MS#51 AIR
P.O. Box 340308
Hartford, CT 06134-0308

RE: Request for Permission to Extend Asbestos Abatement Activities
During Full Occupancy at
Stamford High School
55 Strawberry Hill Avenue, Stamford, Connecticut

Dear Mr. Dahlem:

On behalf of the Superintendent of the City of Stamford Public Schools, I am writing the Connecticut Department of Public Health (CTDPH) to request permission to extend the current approval to conduct asbestos abatement during full student/children occupancy at the above referenced facility.

Asbestos abatement began on December 18, 2019, and was scheduled to be completed by Sunday, January 12, 2020; however the revised completion date is currently February 19, 2020.

Abatement activities are being conducted under a Project Work Plan written by Ms. Meredith Febbraio of Tighe & Bond, Inc. Ms. Febbraio's CTDPH Project Designer license number is #000351. The abatement contractor is A.A.I.S., Inc.; a State of Connecticut Department of Health licensed Asbestos Abatement Contractor (license #000017).

Abatement is being conducted within rooms 249, 249A, 250, 251, 252, 253, 254, 254A, 254B, 255, 255A, 256, and the adjoining hallway (7,650 Square Feet [SF] of asbestos-containing ceiling plaster and 5,240 SF of asbestos-containing 9x9 floor tiles and underlayment). All abatement activities are having project monitoring services performed by a Tighe & Bond project monitor licensed by the CTDPH.

Should you have any questions regarding this project, please contact Meredith Febbraio, Tighe & Bond, Inc., at 203-712-1140.

Sincerely,


Kevin McCarthy
Facilities Manager