

## **Asbestos Abatement Management Carlisle Public School**

Universal Environmental Consultants (UEC) has been providing comprehensive asbestos services for many years and has completed projects throughout New England. Our projects have included residential, commercial, industrial, military, municipal, federal, and public and private schools. We maintain appropriate asbestos licensing in all states in which we perform services. UEC has been providing asbestos consulting services during renovation and demolition projects in over 100 schools.

Our asbestos work has passed random compliance audits by the Environmental Protection Agency (EPA) and all work performed is in accordance with Federal and State regulations and any work in schools complies with AHERA (Asbestos Hazard Emergency Response Act, 1987) regulations.

As part of the renovation and demolition project at Carlisle Public School, Asbestos Containing Materials (ACM) throughout the building will have to be removed.

During the Phase 1 of this project (summer months of 2011) ACM abatement will take place in the Wilkins Building for removal of floor tile and mastic, exterior window caulking and transite panels at exterior windows.

During the Phase 2 of this project (summer months of 2012) ACM abatement will take place in the Grant, Robbins and Corey Building for removal of floor tile and mastic and, at Robbins only, exterior window caulking and transite panels at exterior windows.

During Phase 2 of this project in May of 2012 ACM abatement will take place as the initial work as part of the demolition of the Spalding Building. The abatement of the existing exterior wall cladding, floor tile and mastic, and gypsumboard wall and ceiling joint compound will be conducted in accordance with a plan designed by UEC so as to contain all abatement activities within the confines of the Contractor staging area. Suitable barriers will be provided between the staging area and the remainder of the project site to achieve this requirement.

This asbestos abatement project shall be designed by UEC, a Massachusetts licensed asbestos designer, to reduce the asbestos abatement work during the School year. However, due to the phasing schedule, some ACM at Spalding will be removed during the school year. All work shall be designed with no interruption to normal school activities and with no health hazard to building occupants.

All asbestos abatement activities shall be performed by an experienced Massachusetts licensed asbestos abatement contractor under the complete supervision of Massachusetts licensed project monitors in accordance with all federal, state and local regulations.

The project shall be performed by isolating the ACM abatement work areas from non- ACM abatement work areas by erecting solid enclosures covered with 2 layers of polyethylene sheeting inside the ACM abatement work area and installing negative air machines to put the ACM abatement work area under negative pressure.

Continuous air sampling shall be performed by the licensed project monitors before, during and after any asbestos abatement activity to establish airborne ambient levels inside and outside the ACM abatement work area to ensure that airborne fibers are within the Environmental Protection Agency (EPA) limits. After completion of the ACM abatement work, visual inspections and clearance air samples shall be performed by the project monitors to ensure acceptable conditions prior to releasing the ACM abatement work area for re-occupancy.

In summary, UEC shall design this asbestos abatement project in accordance to all federal, state and local regulations and to ensure the complete safety of the building's occupants.