



# HUB TESTING LABORATORY, INC.

Environmental Testing Service

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January 22, 2001

Report For: Mr. Ed Dufresne  
LEA Haverhill Public Schools  
4 Summer Street  
Haverhill, MA 01830-5877

Project: Whittier Middle School, Bldg. "E", Steam Leak

HUB I.D.: 13232

Scope: Tunnel construction in crawl space, ACM abatement, pipe leak repair.

Ed:

Attached is a brief descriptive design for the tunnel construction to access the leaking plumbing as we discussed.

This should give you sufficient information to contact and engage the services of an asbestos abatement firm, however, if you need additional information or anything else, please contact me.

After clearance the tunnel space only will be released to Public Property Plumbers.

Frederick T. Boyle  
MA Asbestos Project Designer  
AD # 60142

See attached drawing for details:



## ASBESTOS ABATEMENT

WHITTIER MIDDLE SCHOOL  
BUILDING "E" STEAM LEAK  
HAVERHILL, MASSACHUSETTS

PROJECT I.D. 13232

- Scope of Work:** To construct a polyethylene wall tunnel in the crawl space of Building E, Whittier Middle School, Haverhill, Massachusetts and to abate sufficient asbestos containing insulation (approximately 3 feet) to allow a repair to a leaking water pipe.
- This process applies only to this repair and is not intended to abate all of the asbestos in the area but to protect workers performing the repair during this period of repair.
- Construction:** Construct a tunnel made of 6 mil. Polyethylene sheeting with one layer for the walls and roof and two layers for the floor in the crawl space tunnel.
- Construct a two-chamber decontamination facility with wash water available prior to the construction of the tunnel.
- Provide hot and cold water for the decontamination and showering of workers. Provide and start up a negative air machine in order to create negative air pressure within the work area. Provide sufficient tools, plastic bags and other equipment necessary to perform the abatement.
- Procedure:** Connect and check all engineering controls to assure that they are working and will continue to operate during the abatement procedure.
- Provide the services of Massachusetts licensed asbestos workers under the supervision of a Massachusetts licensed supervisor to perform the asbestos abatement.
- Workers will double-suit prior to conducting tunnel construction and abatement of impacted pipe insulation. During construction of the tunnel all large pieces of asbestos materials encountered will be wetted and picked up and placed in double poly bags for proper disposal.
- The tunnel containment will be wet wiped and free of all visible dust and debris prior to the industrial hygienist final visual inspection. Upon successful completion of final visual inspection, the abatement contractor will "lock down" all surfaces within the tunnel and decontamination facility.
- After construction of the poly tunnel and each time the workers exit the work areas they will decontaminate by washing off all dust and debris in the "dirt room" and then remove and leave the outside suit in the same chamber. After initial decontamination, the worker will step into the next chamber HEPA vacuum asbestos worker then remove the interior suit,



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shower and dispose of all suits, gloves, poly sheeting remnants, towels, etc. as contaminated waste. All materials and asbestos collected will be disposed of in a regulated manner and documentation will be provided to the city.

The tunnel will be tested by Phase Contrast Microscopy (PCM) by the IH and will be accepted if and when the level of fibers is below 0.01 f/cc. After acceptance the tunnel space only will be released to Public Property Plumbers.

(End)



Whittier Middle School, Haverhill, MA.  
 Tunnel construction, ACM abatement, steam leak repair.  
 "Building E"



