

# HUB TESTING LABORATORY, INC.

Environmental Testing Service



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## Memo:

To: Ed Duffresne, Designated Person  
From: Susan Boyle, Hub Testing Lab  
RE: Constantino computer wiring project  
Date: 2/28/01



Ed:

Over the school break we were able to take a closer look at the spray on in the Constantino School. The spray on was applied during construction of the school and the structural members were spray applied with a fireproofing material that is asbestos containing. Additionally we found that the walls were brought up to the ceiling height with a spray applied masonry product that is not asbestos containing. The problem with these materials is that they have a very similar appearance and they are applied almost one on top of the other. For this reason there is no clear delineation between the asbestos containing material and the non-asbestos containing material.

There would be no way without performing a complete abatement of all of the spray applied materials and the over spray to get an area cleaned for a non certified worker to install the wiring.

It would seem that the best way of handling this project is to get an abatement contractor to decontaminate and remove the bundle of wiring from above the ceiling on the second floor and leave it hanging so that the wiring contractor can recover it and put it into a conduit of some sort that is below the ceiling height.

From our conversations with the installer the wiring in the two level section of the first floor that has been installed to this point, was installed in a matter of approximately three hours with three workers. This wiring should probably be abandoned entirely and new wiring installed below the ceiling height.

The location where the contractor wants to drill through the floor to bring the wiring through to the first floor could be cleaned of any spray applied material by an abatement contractor and the floor tile removed in the area so that the drilling could take place. We would simply have to be very specific as to the locations to be cleaned.

FIBER RELEASE EPISODE  
(Provide the Following)

Date of Episode: week of December 26, 2000

Location of Episode: The computer wiring installer was installing wiring and had removed ceiling tiles from the second floor in the west corner as well as a single tile sporadically throughout the hallways on the first floor and second floor corridor. This was done so they could put the wiring up and pull it the length of the corridor.

Method of Repair: No repair was required other than replacing of the ceiling tiles that had been removed. Work was stopped due to concern over impact to the spray on material located above the ceilings.

Preventative Measures or response action taken: Hub Testing Lab was notified and they came out to see what had occurred. Upon arrival the wiring installer had already stopped work and left the job site. The tiles were still down in the corridors. Ambient air samples, bulk and wipe samples were collected. Air samples were analyzed by TEM, bulk and wipe samples were analyzed by PLM. Samples were collected to identify the material as asbestos containing.

Dry floor mop heads were taken from the mops, the waste from waste baskets from the 2<sup>nd</sup> floor where the wiring was removed from the ceiling were bagged.

Name of each person performing work:

Susan Boyle, Hub Testing Lab AI, AM

Jim Brimhall, Hub Testing Lab, AI, AM

Pete Hahn, Hub Testing Lab, training, inspector

Scott Smith, Hub Testing Lab, training, monitor

It was determined that there are two spray applied materials located above the ceiling. One is an asbestos containing fireproofing and the other is a non-asbestos spray applied masonry material used to extend the walls to the ceiling deck. All wipe samples were negative for the presence of asbestos and ambient air samples analyzed by TEM showed no structures detected.