



WMI Environmental Services

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ENVIRONMENTAL MONITORING REPORT

Building Inspection for Asbestos

at

Cook Hall
Michigan State University
East Lansing, Michigan

June 24, 1997

Project AI97-1861

A Division of Wonder Makers, Inc.

No attempt was made to collect separate mastic samples from the floor tile, although mastic is analyzed as part of each tile sample.

Destructive testing (*i.e.*, demolition) was not conducted as part of this asbestos building inspection. As such, quantities of ACM shown in chases or above plaster ceilings have been estimated. Additionally, some asbestos-containing material hidden from view may be present and may not have been accounted for as part of this inspection.

RESULTS OF VISUAL INSPECTION

Based on the initial inspection of the building, 30 separate suspect asbestos-containing materials were identified. Some suspect asbestos-containing materials were sampled a number of times in different locations, plaster and drywall being examples. All suspect asbestos-containing materials observed at the time of the inspection are listed in the visual inspection forms. Information from lab analysis is incorporated into the bulk sample log for ease in interpreting the report.

BULK SAMPLE RESULTS

The information garnered from the collection and analysis of bulk samples by WMI personnel is shown in Appendices A (bulk sample log) and B (lab analysis report). The bulk sampling log and the lab analysis reports give a description of each material, location where it was collected, and analysis results. The approximate location of each bulk sample is noted on the diagram with the two-digit sample number.

SUMMARY OF ASBESTOS CONDITIONS

A number of asbestos-containing materials were identified at Cook Hall. These include the sink undercoating in Room 2E, floor tile in Room 2D, floor tile in Room 102, floor tile in Room 102A, floor tile in Room 101, paper on the inside of a small cabinet in Room 102, and transite on the walls in Rooms 102A and 203.

ASBESTOS CONTROL RECOMMENDATIONS

Based on the information gathered during this asbestos inspection, the following prioritized recommendations are offered. These recommendations may have to be adjusted if change of ownership, emergency, or other factors substantially alter the condition or use of the building.

1. Notify the occupants of the presence of asbestos-containing products in the building. This notification should be given to any outside contractors (*e.g.*, HVAC maintenance

personnel) who are contracted to work within the building and may disturb the asbestos-containing materials. Depending on the specific activity being performed, maintenance or repair personnel may need to utilize personal protective equipment or other engineering controls.

2. Plan for the proper removal of any asbestos-containing materials prior to renovation or demolition of the facility.
3. Begin a program of asbestos control (removal or encapsulation), starting with areas that pose the greatest hazard. Suggested control actions follow:

SUMMARY CHART OF ASBESTOS CONTROL

Priority/Description	Recommended Response Action	Suggested Time Frame	Estimated Cost*
1. Paper in electrical box in Room 102	Removal	Prior to demolition	\$60
2. Undercoating on sink in Room 2E	Disposal of entire sink	Prior to demolition	\$50
3. Transite in Rooms 102A and 203A	Removal	Prior to demolition	\$100
4. Floor tile in Rooms 2D, 101, 102, and 102A; leveling compound in Room 101	Removal	Prior to demolition	\$4,000

* The cost estimates are based on current industry prices. Unless otherwise indicated in the recommendations, it is assumed that the work is performed by licensed, competent organizations. Estimates include all costs, including independent air monitoring of abatement projects. Estimated cost is based on project size, difficulty, access, etc. Some savings may be possible by combining projects.

** Abatement contractors usually have a minimum mobilization cost for any small asbestos abatement job.

CONCLUSION

This facility inspection to determine the location of asbestos-containing products was conducted in accordance with the appropriate laws and current industry standards.

For additional information, please contact WMI Environmental Services at P.O. Box 50209, Kalamazoo, Michigan 49005-0209, phone (616) 382-4154, fax (616) 382-4161.

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