

# **NARRATIVE REPORT**

## **1.0 BUILDING INFORMATION**

Ehly Hall was originally constructed in 2000; the building remains largely un-renovated.

Ehly Hall is a three-story, 20,877 ft<sup>2</sup> building which primarily serves as classroom and office space for architecture and engineering personnel. The Architecture Building (A064) is attached to the west side of Ehly Hall and is reported separately.

The interior floor finishes included concrete, carpet, and ceramic tile; the interior wall finishes included gypsum wallboard, concrete, wood, and ceramic tile; and the interior ceiling finishes included ceiling tile, gypsum wallboard, concrete, and metal. The roofing system is a flat rubber-membrane roof and the exterior of the structure is brick.

The piping systems were insulated; fiberglass insulation (without hard fittings) is located throughout the building. Water and steam enter the building via a tunnel connected to the southwest corner of room 2. HVAC systems located in the building consisted of forced air furnaces with variable air volume boxes equipped with heating/cooling coils throughout the building.

## **2.0 ASBESTOS SURVEY INFORMATION**

Ehly Hall was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 8" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 8" for methodologies, definitions, and other pertinent supporting information.

A total of 22 samples were collected from suspect asbestos-containing materials (ACM) from Ehly Hall on July 6, 2007, an additional 1 sample was collected on November 15, 2007, and an additional 2 samples were collected on November 27, 2007. Laboratory analysis results indicate **1 of these samples tested positive for asbestos.**

### **2.1 Suspect Materials Identified and Sampled**

Gypsum Wallboard	Joint Compound
Carpet Mastic	Baseboard Adhesive
Sink Undercoating	Ceiling Tile
Exterior Building Seam Caulk (3 types)	Exterior Window Caulk
Siding Caulk (from roof)	Gray Roof Caulk
Black Lab Countertop	Window/Door Glazing (2 types)

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

### **2.2 Asbestos Containing Materials**

Black Lab Countertop

The ACM Locations/ Friable Materials Assessments Table includes ACM locations data.

2.3 **Cost Estimates**

Legend Technical Services Inc. estimates abatement costs (removal & disposal) of ACM for Ehly Hall as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Black Lab Countertop	1 ea	\$350.00/ea	\$350.00
<b>Total Estimated Abatement Costs:</b>			<b>\$350.00</b>

**LEGEND TECHNICAL SERVICES, INC.**  
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)  
EHLY HALL (BUILDING A084)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. <sup>1</sup>	NOTES
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**Room 120**

Black Lab Countertop	15% Chrysotile	1 ea.	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The countertop is in the northwest corner of the room, it has a sink in it. It appears to have been salvaged from an older building. Approx: 3'x4'
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<sup>1</sup>Assessment Categories:

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| <ul style="list-style-type: none"> <li>1) Damaged or Significantly Damaged TSI ACM</li> <li>2) Damaged Friable Surfacing ACM</li> <li>3) Significantly Damaged Friable Surfacing ACM</li> <li>4) Damaged or Significantly Damaged Friable Miscellaneous ACM</li> </ul> | <ul style="list-style-type: none"> <li>5) ACM with Potential for Damage</li> <li>6) ACM with Potential for Significant Damage</li> <li>7) Any Remaining Friable ACM or Friable Suspected ACM</li> </ul> |
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**End**