

NARRATIVE REPORT

1.0 BUILDING INFORMATION

Bison Court E was originally constructed in 2006; the building has had no major renovations.

Bison Court E is a three-story, 63,951 ft² building which primarily serves as dormitory areas for students.

The interior floor finishes included floor tile, ceramic tile, carpet, linoleum, and concrete; the interior wall finishes included gypsum wallboard and ceramic tile; and the interior ceiling finishes included ceiling tile and gypsum wallboard. The roofing system is a peaked asphalt-shingled roof and the exterior of the structure is brick.

The piping systems were insulated; fiberglass insulation (without hard fittings) is located throughout the building. Steam and domestic water appear to enter the building in room 117; the building appears to supply steam and water to Bison Court W (A044). HVAC systems located in the building consisted of steam unit heaters, steam radiators, and forced air furnaces with variable air volume boxes equipped with heating/cooling coils throughout the building.

2.0 ASBESTOS SURVEY INFORMATION

Bison Court E was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 5" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 5" for methodologies, definitions, and other pertinent supporting information.

Bison Court E was "representatively" sampled by LEGEND as directed by NDSU. LEGEND walked through the building and visually inspected the common areas and room 221 (a dormitory room); these were the only areas LEGEND was granted access to by NDSU. For the purpose of this report, other dormitory rooms are assumed to be of identical construction to room 221.

A total of 43 samples were collected from suspect asbestos-containing materials (ACM) from the Bison Court E on September 6, 2007. Laboratory analysis results indicate **none of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Gypsum Wallboard	Joint Compound
Wall Texture	Ceiling Texture
Carpet Mastic	Baseboard Adhesive
Ceiling Tile (2 types)	Floor Tile (5 types)
Floor Tile Mastic (2 types)	Sink Undercoating
Stucco	HVAC Duct Caulk
Firestop	Encapsulant on Fiberglass Insulation
AHU Putty	Linoleum
Underlayment Paper for Linoleum	Stair Tread Adhesive
Exterior Window Caulk	Exterior Door Caulk
Exterior Building Seam Caulk	Asphalt Shingle
Roof Tarpaper	

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 **Asbestos Containing Materials**

No asbestos containing materials were detected.

2.3 **Survey Notes**

Three samples of joint compound collected from Bison Court E tested <1% for asbestos: sample #7 (3rd floor hallway by room 324), sample #8 (1st floor hallway by room 113), and sample #9 (3rd floor hallway by room 307). Materials that test <1% for asbestos can be treated as non-asbestos containing materials according to the North Dakota Department of Health and the US EPA.

Although the joint compound does not meet the definition of an asbestos containing material, laboratory analysis has indicated asbestos fibers are present. LEGEND recommends setting up poly barriers and using wet methods as feasible before any activities that may impact the joint compound and, when required, removing the joint compound as intact as possible; LEGEND also recommends avoiding the use power tools to cut or abrade the joint compound to avoid creating dust.