

NARRATIVE REPORT

1.0 BUILDING INFORMATION

The Ag Quonset was originally constructed in 1949 and moved to its current location around 1997; although specific dates are not available, several, small renovations are evident.

The Ag Quonset is a single-story, 4,284 ft² building which primarily serves as storage spaces for maintenance personnel. The Maintenance Quonset (East Butler) (A041) and Thorson Maintenance Center (A031) are attached to the east side of the Ag Quonset and are reported separately.

The interior floor finishes included wood and concrete; the interior wall finishes included gypsum wallboard, metal, wood and particleboard; and the interior ceiling finishes included particleboard. The roofing system is a peaked metal roof and the exterior of the structure is metal.

Piping systems were not present; the building does not utilize domestic water or steam. HVAC systems were also not present.

2.0 ASBESTOS SURVEY INFORMATION

The Ag Quonset was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 3" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 3" for methodologies, definitions, and other pertinent supporting information.

A total of 2 samples were collected from suspect asbestos-containing materials (ACM) from the Ag Quonset on May 1, 2007, an additional 9 samples were collected on September 13, 2007, and an additional 1 sample was collected on December 6, 2007. Laboratory analysis results indicate **5 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Exterior Window Glazing	Gypsum Wallboard
Joint Compound	Particleboard
Exterior Door Caulk (2 types)	Exterior Window Glazing on Door

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 Asbestos Containing Materials

Exterior Window Glazing
Joint Compound

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 the Ag Quonset as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Joint Compound	288 ft ²	\$5.00/ ft ²	\$1,440.00
Asbestos Window Glazing	6 ea	\$225.00/ ea	\$1,350.00
Total Estimated Abatement Costs:			\$2,790.00

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

LEGEND No. 0700048 (NDSU)
AG QUONSET (BUILDING A024)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM CAT. ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 101

Joint Compound	3% Chrysotile	288 ft ²	Friable Surfacing	Significant Damage	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		3	The joint compound is along the east wall on a partially demolished gypsum wallboard wall (partially covered by corrugated metal).
					Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
					Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			

Exterior

Window Glazing	3% Chrysotile	6 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The six windows are on the east end of the exterior. They are viewable from the walkway between the building and building A041.
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¹Assessment Categories:

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|---------------------------------------------------------------|-------------------------------------------------------|
| 1) Damaged or Significantly Damaged TSI ACM | 5) ACM with Potential for Damage |
| 2) Damaged Friable Surfacing ACM | 6) ACM with Potential for Significant Damage |
| 3) Significantly Damaged Friable Surfacing ACM | 7) Any Remaining Friable ACM or Friable Suspected ACM |
| 4) Damaged or Significantly Damaged Friable Miscellaneous ACM | |

End