

NARRATIVE REPORT

1.0 BUILDING INFORMATION

University Village Service and Repair Shop consists of a garage and a storage shed that were connected with new construction in 1995 and has had no major renovations.

University Village Service and Repair Shop is a single-story, 2,380 ft² building which primarily serves as work and office areas for maintenance personnel.

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

The piping systems were not insulated. Domestic water enters the building in room 102; the building does not utilize steam. HVAC systems located in the building consisted of electric unit heaters and a small force air furnace (natural gas).

2.0 ASBESTOS SURVEY INFORMATION

University Village Service and Repair Shop was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 7" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 7" for methodologies, definitions, and other pertinent supporting information.

A total of 28 samples were collected from suspect asbestos-containing materials (ACM) from University Village Service and Repair Shop on October 12, 2007. Laboratory analysis results indicate **2 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Gypsum Wallboard (3 types)	Joint Compound (2 types)
Wall Texture	Carpet Mastic
Baseboard Adhesive	Ceiling Tile (2 types)
Sink Undercoating	Floor Tile
Floor Tile Mastic	Foundation Wrap Caulk
Roof Flashing (2 types)	Asphalt Shingle (3 types)

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 Asbestos Containing Materials

Roof Flashing (2 types)

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 University Village Service and Repair Shop as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Roof Flashing	8 ft ²	\$60.00/ea	\$480.00
Total Estimated Abatement Costs:			\$480.00

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

LEGEND No. 0700048 (NDSU)
UNIVERSITY VILLAGE SERVICE AND REPAIR SHOP (BUILDING A073)

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

Flashing (on air vents)	10% Chrysotile	7 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The flashing is on the 4 box air vents and 3 circular air vents on the east portion of the building (room 100).
Flashing (on tripod)	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The flashing is on the tripod on the center of the building (approximately above the east end of hallway 188).

¹Assessment Categories:

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