

NARRATIVE REPORT

1.0 BUILDING INFORMATION

North Weible Hall was originally constructed in 1963; the building has had no major renovations.

North Weible Hall is a four-story, 36,494 ft² building which primarily serves as dormitory areas for students.

The interior floor finishes included floor tile, carpet, concrete, and epoxy flooring; the interior wall finishes included plaster, wood, concrete block, concrete, ceramic block, and gypsum wallboard; and the interior ceiling finishes included plaster, ceiling tile, 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 (both with and without hard fittings) is located in the building. Steam enters the building via a tunnel into room 8 and domestic water enters the building in room 4A. HVAC systems located in the building consisted of steam radiators and a forced air furnace equipped with heating/cooling coils.

2.0 ASBESTOS SURVEY INFORMATION

North Weible Hall was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 6" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 6" for methodologies, definitions, and other pertinent supporting information.

LEGEND was granted full access to North Weible Hall during the initial walk-through and sampling of the building. During subsequent walk-throughs of the building, for resampling and reporting purposes, LEGEND was granted access to the common areas and to 2-4 dormitory rooms per floor, only. For the remainder of the dormitory rooms, LEGEND identified the locations of ACMs using survey notes taken during the initial walk-through of the building.

A total of 82 samples were collected from suspect asbestos-containing materials (ACM) from North Weible Hall on May 23, 2007 and an additional 3 samples were collected on March 11, 2008. Laboratory analysis results indicate **26 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Tank Insulation (4 types)	Hard Pack on Fiberglass Insulation
Hard Fittings on Fiberglass Insulation	Tar on Duct (over fiberglass)
Hard Pack on Fiberglass Insulation (on duct)	Fireproofing (on metal decking)
Fiberglass Panel Adhesive	Wall Texture
Wall Patch Material (2 types)	Hard Plaster- Skimcoat
Hard Plaster- Basecoat	Ceiling Tile (3 types)
Ceiling Texture (3 types)	Carpet Mastic
Baseboard Adhesive	Floor Tile
Floor Tile Mastic	Sink Undercoating (3 types)
Window Caulk	Bathroom Sink Caulk
Door Caulk	Penetration Putty
Exterior Window Caulk	Exterior Window Glazing
Exterior Building Seam Caulk	Gypsum Wallboard

Joint Compound
Window Glazing (2 types)

Textured Paint
Encapsulant on Fiberglass Insulation

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 Asbestos Containing Materials

Large Red Tank Insulation
Tall Vertical Red Tank insulation
Small Vertical Red Tank Insulation
Horizontal Red Tank Insulation
Hard Pack on Fiberglass Insulation
Hard Fittings on Fiberglass Insulation
Acoustical Ceiling Texture
Mastic for 12" Pink/Red Floor Tile
Black Sink Undercoating (3 types)
Window Glazing (2 types)
Hard Pack on Fiberglass Insulation (on duct)
9" Floor Tile and Mastic (assumed)

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 North Weible Hall as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Tank Insulation	273 ft ²	\$10.00/ft ²	\$2,730.00
Asbestos Hard Pack on Fiberglass Insulation	48 ea	\$60.00/ea	\$2,880.00
Asbestos Hard Fittings on Fiberglass Insulation	304 ea	\$60.00/ea	\$18,240.00
Asbestos Ceiling Texture	2,230 ft ²	\$7.50/ft ²	\$16,725.00
Asbestos Floor Tile and/or Mastic	30,027 ft ²	\$4.00/ft ²	\$120,108.00
Asbestos Sink Undercoating	3 ea	\$150.00/ea	\$450.00
Asbestos Window Glazing	10 ea	\$225.00/ea	\$2,250.00
Asbestos Hard Pack on Fiberglass Insulation (on duct)	136 ft ²	\$25.00/ft ²	\$3,400.00
Total Estimated Abatement Costs:			\$166,783.00

2.4 Survey Notes

LEGEND was able to visually quantify hard fittings on fiberglass insulation throughout the basement on steam and domestic water pipes. In addition, LEGEND identified hard fittings in an access panel on the north wall of room 256; an access panel in the same locations exists on floors 1 and 3 with no hard fittings visible. Throughout the remainder of floors 1-3 multiple inaccessible ceilings and pipe chases prevented LEGEND from verifying the presence of possible additional hard fittings. LEGEND assumes additional hard fittings will be discovered during

renovation or demolition activities on some of the water pipes supplying the laundry rooms, custodial rooms, and bathrooms. LEGEND recommends assuming an additional 50-100 hard fittings on fiberglass insulation on each of the 1st, 2nd, and 3rd floors.

LEGEND identified a large clean air intake duct wrapped in fiberglass insulation in the southeast end of room 4A and in the east end of room 4B. LEGEND identified an ACM hard pack on fiberglass insulation from around the access panel of the duct in room 4A. LEGEND was unable to verify the extent of the material on the duct in both rooms, due to the fiberglass insulation; the hard pack on fiberglass insulation was quantified by measuring the entire surface area of the duct in both rooms. However, the hard pack on fiberglass insulation on the duct may not be present over the entire surface area of the duct.

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

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

Room 2

Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	18 fittings	Friable TSI	Good	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		6	The hard fittings on fiberglass insulation run along north and west walls.
9" Floor Tile and Mastic	Assumed	869 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Black Sink Undercoating	10% Chrysotile	1 sink	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos containing sink undercoating is on the east wall.

Room 2A Abated May 2015

9" Floor Tile and Mastic	Assumed	119 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
---	---------	---------------------	------------------------------	------	------	--	------	---

Room 2B Abated May 2015

9" Floor Tile and Mastic	Assumed	122 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
---	---------	---------------------	------------------------------	------	------	--	------	---

Room 3 Abated May 2015

9" Floor Tile and Mastic	Assumed	84 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
---	---------	--------------------	------------------------------	------	------	--	------	---

Room 4A

Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	79 fittings	Friable TSI	Good	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		6	None.
---	-------------------------------------	-------------	----------------	------	--	--	---	-------

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

ROOM/ ACMS	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Large Red Tank Insulation Abated May 2009	10-60% Chrysotile 0-10% Amosite	207 ft ²	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	The asbestos tank insulation is on the large red tank in the center of the room.
Tall Vertical Red Tank Insulation	20% Amosite	21 ft ²	Friable TSI	Damaged	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The asbestos tank insulation is on the tall vertical red tank along the east wall.
Small Vertical Red Tank Insulation	20% Amosite	18 ft ²	Friable TSI	Significantly Damaged	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The asbestos tank insulation is on the small vertical red tank north or the large red tank.
Horizontal Red Tank Insulation	20% Amosite	27 ft ²	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	The asbestos tank insulation is on the horizontal red tank north of the large red tank.
Hard Pack on Fiberglass Insulation	5% Chrysotile 10% Amosite	38 ea	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	6	None.
Hard Pack on Fiberglass Insulation (on duct)	40% Chrysotile	92 ft ²	Friable TSI	Damaged	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The asbestos hard pack on fiberglass insulation is on the duct in the southeast end of the room.

Room 4B

Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation run along the north wall.
Hard Pack on Fiberglass Insulation (on duct)	40% Chrysotile	44 ft ²	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	The asbestos hard packed on fiberglass insulation in on the duct in the east end of the room.

Room 6

Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	6	The hard fitting on fiberglass line is along the east wall.
---	-------------------------------------	------------	----------------	------	--------------------------------------	---	---	---

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

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

Room 8

Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	10 fittings	Friable TSI	Good	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		6	The hard fittings on fiberglass line are along the south wall.
9" Floor Tile and Mastic	Assumed	216 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.

Hallway 88

Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	17 fittings	Friable TSI	Sig. Damaged	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The hard fittings on fiberglass line are above the ceiling tiles.
9" Floor Tile and Mastic	Assumed	197 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.

Dorm Room 100

9" Floor Tile and Mastic	Assumed	395 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs; they are under the carpet in parts of the room; refer to the ACM locations diagram.
Mastic for 12" Pink/Red Floor Tile	10% Chrysotile	101 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic is positive for asbestos, the floor tile is negative. They are in the kitchen area.
Black Sink Undercoating	10% Chrysotile	1 sink	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos containing sink undercoating is on the east wall in the kitchen.

Dorm Room 101

9" Floor Tile and Mastic	Assumed	184 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs; they are under the carpet.
---	---------	---------------------	------------------------------	------	------	--	------	--

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

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

These three abated
June 2012

Dorm Rooms 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, and 126

9" Floor Tile and Mastic	Assumed	175 ft ² each	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic in the dorm rooms were assumed to be ACMs.
-----------------------------	---------	-----------------------------	------------------------------	------	------	--	------	---

Abated June 2014

Dorm Rooms 124 and 125

Abated June 2012

9" Floor Tile and Mastic	Assumed	237 ft ² each	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic in the dorm rooms were assumed to be ACMs.
-----------------------------	---------	-----------------------------	------------------------------	------	------	--	------	---

Room 127

Abated June 2012

9" Floor Tile and Mastic	Assumed	38 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-----------------------------	---------	--------------------	------------------------------	------	------	--	------	---

Room 128

9" Floor Tile and Mastic	Assumed	71 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-----------------------------	---------	--------------------	------------------------------	------	------	--	------	---

Black Sink Undercoating	10% Chrysotile	1 sink	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos containing sink undercoating is on the west wall in the kitchen.
----------------------------	----------------	--------	------------------------------	------	------	--	------	---

Room 129

9" Floor Tile and Mastic	Assumed	23 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-----------------------------	---------	--------------------	------------------------------	------	------	--	------	---

Room 130

9" Floor Tile and Mastic	Assumed	24 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-----------------------------	---------	--------------------	------------------------------	------	------	--	------	---

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

ROOM/ ACMS	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
---------------	---------------	------------------	----------	-----------------------	---------------------	--------------------	-----------------------------	-------

Room 131

9" Floor Tile and Mastic	Assumed	233 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
--------------------------	---------	---------------------	------------------------------	------	------	--	------	---

Room 132

9" Floor Tile and Mastic	Assumed	110 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
--------------------------	---------	---------------------	------------------------------	------	------	--	------	---

Room 133

9" Floor Tile and Mastic Abated June 2014	Assumed	1,691 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs; they are under the carpet in the room.
Acoustic Ceiling Texture	8% Chrysotile	1,691 ft ²	Non-friable Surfacing	N/A*	N/A*		N/A*	None.
Window Glazing	3% Chrysotile	6 windows	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the south interior windows.

Room 142 Remainder Abated June 2021

9" Floor Tile and Mastic Portion Abated June 2014	Assumed	234 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
--	---------	---------------------	------------------------------	------	------	--	------	---

Room 144 Abated Summer 2021

9" Floor Tile and Mastic	Assumed	300 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-------------------------------------	---------	---------------------	------------------------------	------	------	--	------	---

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

ROOM/ ACMS	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 146 Abated June 2014								
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 150 Abated June 2014								
9" Floor Tile and Mastic	Assumed	72 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 154 Abated June 2014								
9" Floor Tile and Mastic	Assumed	24 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 156 Abated June 2014								
9" Floor Tile and Mastic	Assumed	35 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
1st Floor Elevator Entry Abated June 2014								
9" Floor Tile and Mastic	Assumed	27 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Hallway 188 (including all hallways on 1st floor)								
9" Floor Tile and Mastic	Assumed	3,008 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs. Abated June 2014. Except corridor to RDC--abated June 2010.
Acoustic Ceiling Texture	8% Chrysotile	539 ft ²	Non-friable Surfacing	N/A*	N/A*		N/A*	The asbestos acoustic ceiling texture is only in the section of the hallway adjacent to room 133.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

ROOM/ ACMS	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Window Glazing	3% Chrysotile	4 windows	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the 2 windows by rooms 133 and 128 and the 2 windows by rooms 100 and 126.
Abated Summer 2021								
Dorm Rooms 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, and 228								
9" Floor Tile and Mastic	Assumed	175 ft ² each	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Dorm Rooms 214, 215, 229, and 230 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	313 ft ² each	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 242 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	234 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 244 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	300 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 246 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

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

Room 250 Abated Summer 2021

9" Floor Tile and Mastic	Assumed	72 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-------------------------------------	---------	--------------------	------------------------------	------	------	--	------	---

Room 254 Abated Summer 2021

9" Floor Tile and Mastic	Assumed	24 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-------------------------------------	---------	--------------------	------------------------------	------	------	--	------	---

Room 256

9" Floor Tile and Mastic Abated Summer 2021	Assumed	35 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Hard Fittings on Fiberglass Insulation	10-15% Chrysotile 10-15% Amosite	2 fittings	Friable TSI	Sig. Damaged	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The hard fittings on fiberglass line are in the access panel on the north side.

2nd Floor Elevator Entry Abated Summer 2021

9" Floor Tile and Mastic	Assumed	27ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
-------------------------------------	---------	-------------------	------------------------------	------	------	--	------	---

Hallway 288 Abated Summer 2021

9" Floor Tile and Mastic	Assumed	1,671 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs; they are under the carpet in the south end of the hallway (lounge area).
-------------------------------------	---------	-----------------------	------------------------------	------	------	--	------	--

Abated Aug 2015

Dorm Rooms 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, and 328.

9" Floor Tile and Mastic	Assumed	175 ft ² each	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs. Abated Summer 2021
-------------------------------------	---------	-----------------------------	------------------------------	------	------	--	------	--

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

ROOM/ ACMS	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Dorm Rooms 314, 315, 329, and 330 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	313 ft ² each	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 340 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	38 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 344 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	234 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 346 (Janitor's Closet) Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	35 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 346 (Bathroom) Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	300 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 348 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	72 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

ROOM/ ACMS	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 352 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Room 362 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	24 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
3rd Floor Elevator Entry Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	27 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
Hallway 388 Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	1,472 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs; they are under the carpet in the south end of the hallway (lounge area).
Abated July 2016								
North Stairway (Basement through 3rd floors) Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	400 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs, includes stairwell.
South Stairway (1st through 3rd floors) Abated Summer 2021								
9" Floor Tile and Mastic	Assumed	582 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs, includes stairwell.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
NORTH WEIBLE HALL (BUILDING A057)

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

Elevator Testing in Summer 2021 determined this is non-asbestos

9" Floor Tile and Mastic	Assumed	30 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to be ACMs.
--------------------------	---------	--------------------	------------------------------	------	------	--	------	---

Crawl Tunnel

Hard Fittings on Fiberglass Insulation	10-40% Chrysotile 10-15% Amosite	191 fittings	Friable TSI	Good	Physical Air Erosion Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	None.
Hard Pack on Fiberglass Insulation	5% Chrysotile 10% Amosite	10 ea.	Friable TSI	Good	Physical Air Erosion Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	None.

¹Assessment Categories:

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

End

* = Non-Friable materials were not assessed