

NARRATIVE REPORT

1.0 BUILDING INFORMATION

Note that in 2014-16 the building was remodeled and renamed from BSA to the SHAC

Bison Sports Arena was originally constructed in 1971; although specific information could not be located, several renovations are evident.

Bison Sports Arena is a three-story, 168,345 ft² building which primarily serves as office and work areas for athletic personnel.

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

The piping systems were insulated; fiberglass insulation (with and without hard fittings) is located throughout the building. Steam and domestic water enter the building in the southwest corner of the tunnels below 1st floor. HVAC systems located in the building consisted of steam radiators and forced air furnaces equipped with heating/cooling coils.

2.0 ASBESTOS SURVEY INFORMATION

Bison Sports Arena 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 155 samples were collected from suspect asbestos-containing materials (ACM) from Bison Sports Arena on September 27, 2007 and 14 additional samples were collected on January 25, 2008. Laboratory analysis results indicate **18 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Gypsum Wallboard (14 types)	Joint Compound (2 types)
Hard Plaster- Skimcoat (2 types)	Hard Plaster- Basecoat (2 types)
Wall Texture (4 types)	Ceiling Tile (9 types)
Carpet Mastic (4 types)	Floor Tile (3 types)
Carpet Mastic with Residual Black Mastic	Floor Tile Mastic (3 types)
Rubber Floor Matting Adhesive	Sink Undercoating (6 types)
Ceiling Texture	HVAC Canvas Connector (6 types)
Insulation Board (on AHUs)	Red HVAC Duct Caulk
Hard Fittings on Fiberglass Insulation (5 types)	Window Glazing (8 types)
Hard Pack on Fiberglass Insulation (3 types)	Tank Insulation (4 types)
Encapsulant on Fiberglass Insulation (2 types)	Roof Flashing (2 types)
Roof Air Vent Caulk	Exterior Penetration Putty (5 types)
Roof HVAC Unit Caulk (2 types)	Exterior Building Seam Caulk
Exterior Door Caulk	Exterior Window Caulk
Exterior Awning Texture/Coating	

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 Asbestos Containing Materials

2'x4' Ceiling Tile w/ Widthwise Fissures and Pinholes
2'x2' Transite Ceiling Tile with Large Pinholes
Carpet Mastic with Residual Black Mastic
12" Tan Floor Tile with Brown Streaks and Mastic
Gray Sink Undercoating (4 types)
Red HVAC Duct Caulk
Window Glazing (8 types)
Hard Fittings on Fiberglass Insulation
Hard Pack on Fiberglass Insulation
Tank Insulation (4 types)
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 Bison Sports Arena as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Ceiling Tile	7,883 ft ²	\$5.00/ ft ²	\$39,415.00
Asbestos Floor Tile and/or Mastic	9,114 ft ²	\$4.00/ft ²	\$36,456.00
Asbestos Sink Undercoating (all types)	6 ea	\$150.00/ea	\$900.00
Asbestos HVAC Duct Caulk	56 ea	\$60.00/ea	\$3,360.00
Asbestos Window Glazing	143 ea	\$225.00/ea	\$32,175.00
Asbestos Hard Fittings on Fiberglass Insulation	693 ea	\$60.00/ea	\$41,580.00
Asbestos Hard Pack on Fiberglass Insulation	79 ea	\$60.00/ea	\$4,740.00
Asbestos Tank Insulation	589 ft ²	\$10.00/ft ²	\$5,890.00
Total Estimated Abatement Costs:			\$164,516.00

2.4 Survey Notes

LEGEND sampled hard fittings on fiberglass insulation and hard pack on fiberglass insulation throughout the building. The hard fittings are either mudded elbows or mudded T-fittings wrapped in canvas; the hard pack is either mudded insulation packed around valves or mudded insulation packed at the ends of fiberglass insulation (before bare pipe). All mudded material, including the hard fittings on fiberglass insulation and the hard pack on fiberglass insulation, contain asbestos.

LEGEND identified ACM Red HVAC Duct Caulk in the building on the ducts for the high velocity air system (identified as HV on the original mechanical drawings) originating in room 306A and running down a pipe chase between room 303 and room 399A. The pipe chase ends above room 126 and the high velocity air ducts are in the hallway by room 126 and in several locker rooms; the high velocity air system supplies air to the locker rooms only. LEGEND recommends assuming an additional 20 duct seams exist in the pipe chase between 3rd floor and 1st floor.

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Tunnel **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	162 fittings	Friable TSI	Damaged	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"/>	1	The asbestos hard fittings on fiberglass insulation run along the entire tunnel.
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Room 1 **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	76 fittings	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	None.
Hard Pack on Fiberglass Insulation	10% Chrysotile	19 each	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 park is around valves and at the ends of fiberglass insulation throughout the room.
Tank Insulation	10% Chrysotile 2% Amosite	385 ft ²	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 packed tank insulation is on tank # 72-001-07 in the northeast corner of the room.
Tank Insulation	10% Chrysotile 2% Amosite	196 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 hard packed tank insulation is on the hot water tank in the middle of the north end of the room.
Tank Insulation	10% Chrysotile	4 ft ²	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 packed tank insulation is on the ends of the small horizontal tank in the middle of the room.
Tank Insulation	10% Chrysotile 2% Amosite	4 ft ²	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 packed tank insulation is on the ends only of the small vertical tank in the middle.

Room 1A **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	1 fitting	Friable TSI	Good	Physical Air Erosion Vibration	<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"/> <input type="checkbox"/>	6	None.
Hard Pack on Fiberglass Insulation	10% Chrysotile	2 each	Friable TSI	Good	Physical Air Erosion Vibration	<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"/> <input type="checkbox"/>	6	None.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Room 100A **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	■□□		

Room 100A1 **Abated Spring 2014**

Gray Sink Undercoating	15% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The sink with the asbestos undercoating is in the northeast corner of the room.
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Room 100C **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	■□□		

Room 100C1 **Abated Spring 2014**

Gray Sink Undercoating	15% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The sink with the asbestos undercoating is on the east side of the room.
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Room 100F **Abated Spring 2014**

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	148 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	None.
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	148 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 12" floor tile and mastic contain asbestos.

Room 102A1 **Abated Spring 2014**

Carpet Mastic with Residual Mastic	3% Chrysotile	230 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	None.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Gray Sink Undercoating	15% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos sink undercoating is on the north side.
Room 102E Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	1 fitting	Friable TSI	Good	Physical	■□□	6	The asbestos hard fitting on fiberglass insulation is above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	□■□		
2'x4' Ceiling Tile with Widthwise Fissures and Pinholes.	3% Amosite	234 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Room 102F Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102G Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102H Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102J Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.

* = Non-Friable materials were not assessed

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ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 102K Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102L Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102M Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102N Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102P Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102Q Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.

* = Non-Friable materials were not assessed

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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 102R Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet..
Room 102S Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	196 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102T Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	196 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102U Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102V Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 102W Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.

* = Non-Friable materials were not assessed

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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 102X Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
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Room 102Y Abated Spring 2014

Carpet Mastic with Residual Mastic	3% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 102Z Abated Spring 2014

Carpet Mastic with Residual Mastic	3% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 103 Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	1,020 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" floor tile and mastic contains asbestos.
Window Glazing	3% Chrysotile	1 window	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the west window.

Room 103A Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	8 fittings	Friable TSI	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Window Glazing	3% Chrysotile	1 window	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the west window.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 104 Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	1,020 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" floor tile and mastic contains asbestos.
Window Glazing	3% Chrysotile	1 window	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the west window.

Room 104A Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	280 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
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Room 105 Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	616 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
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Room 105A Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
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Room 107 Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	544 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" floor tile and mastic contains asbestos.
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Room 108 Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	444 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 108A Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	110 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 109 Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	44 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 110 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	13 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	□■□		
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	576 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Room 111 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	11 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	□■□		
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	540 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
								Abated May 2008
Room 112 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	2 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	□■□		

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

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2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	240 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 113 **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	6 fittings	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	602 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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1st Floor Hallway between Room 112 and Room 113 **Abated Spring 2014**

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	51 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 116 **Abated Spring 2014**

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	44 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" floor tile and mastic contains asbestos.
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Room 117 **Abated Spring 2014**

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	340 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 118 **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 fittings	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	300 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Red HVAC Duct Caulk	3-5% Chrysotile	2 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.

Room 119 Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 fittings	Friable TSI	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	300 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Red HVAC Duct Caulk	3-5% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.

Room 120 Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 fittings	Friable TSI	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	300 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Red HVAC Duct Caulk	3-5% Chrysotile	3 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 121 **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	6 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	600 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Red HVAC Duct Caulk	3-5% Chrysotile	10 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.

Room 121A **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	6 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	96 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.

Room 122 **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	9 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Red HVAC Duct Caulk	3-5% Chrysotile	6 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.

Room 123A **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	14 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	220 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Red HVAC Duct Caulk	3-5% Chrysotile	2 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.

Room 123B **Abated Spring 2014**

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 123C **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	6 fittings	Friable TSI	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	170 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.

Room 123D **Abated Spring 2014**

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 123E **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	2 fittings	Friable TSI	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	224 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 123F Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	18 fittings	Friable TSI	Damaged	Physical	■□□	1	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	□■□		
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	630 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.

Room 123G Abated Spring 2014

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	350 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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Room 123H (Locker Room) Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	16 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
					Air Erosion	□■□		
					Vibration	□■□		
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	2,040 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.

Room 123H (Main Gym) Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	109 fittings	Friable TSI	Good	Physical	□□■	6	The hard fittings on fiberglass insulation are throughout the room.
					Air Erosion	□■□		
					Vibration	□□■		
Hard Pack on Fiberglass Insulation	10-20% Chrysotile	42 each	Friable TSI	Good	Physical	□□■	6	The asbestos hard pack is around valves and at the ends of fiberglass insulation throughout the room.
					Air Erosion	□■□		
					Vibration	□□■		
Window Glazing	3% Chrysotile	4 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	There are two windows with asbestos glazing by the northeast exit doors and two by the southeast exit doors.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Room 123H (Office) **Abated Spring 2014**

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	156 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
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Room 124 (Pool) **Abated Spring 2014**

Window Glazing	3% Chrysotile	9 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The windows glazing with asbestos is on the windows on the north and south walls by rooms 112, 124C, and 124D.
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Room 124A **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 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"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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Room 124D **Abated Spring 2014**

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	8 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"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
Window Glazing	3% Chrysotile	1 window	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the west window.

Room 126 **Abated Spring 2014**

Red HVAC Duct Caulk	3-5% Chrysotile	10 ft	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Hallway 128 (and vestibule at the west end of the hallway) Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	29 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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Room 128A Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
9" Floor Tile and Mastic	Assumed	864 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 9" floor tile and mastic were assumed to be ACMs.

Room 128A1 Abated Spring 2014

9" Floor Tile and Mastic	Assumed	440 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 9" floor tile and mastic were assumed to be ACMs.
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Room 128B Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	12 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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Room 130A Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	13 fittings	Friable TSI	Good	Physical Air Erosion Vibration	□□■ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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Room 130B Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	□□■ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are along the south wall.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 130B3 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% 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 are above the ceiling.
Room 177A Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 fittings	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation are in the northeast corner of the room.
Room 177B Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 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"/>	6	The asbestos hard fittings on fiberglass insulation are in the southeast corner of the room.
Room 177C Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 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"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 177D Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 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"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 199A Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 199B Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ ■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 199D Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	15 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 199E Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	15 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 199F Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	9 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
1st Floor Hallway from Room 102A to Room 102N Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	8 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Hard Pack on Fiberglass Insulation	10-20% Chrysotile	2 each	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ □■□	6	The hard pack on fiberglass insulation is above the ceiling tiles between rooms 102W and 102U.
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	488 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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1st Floor Hallway from Room 102A to Room 116 (including the north and south main entryways) Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	23 fittings	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tile, spread throughout across the entryways and hallway.
Window Glazing	3% Chrysotile	27 windows	Non-Friable Miscellaneous	N/A*	N/A*	□■□	N/A*	The windows with asbestos glazing are between the doors in the north and south main entryways and by rooms 102A, 107, 108, 109, and 116.
Red HVAC Duct Caulk	3% Chrysotile	8 ft	Non-Friable Miscellaneous	N/A*	N/A*	□■□	N/A*	The asbestos red HVAC caulk is on air ducts above the ceiling tiles by rooms 126, 123A, and 122.

1st Floor Hallway from Room 102N to Room 112 Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	9 fittings (approx.)	Friable TSI	Good	Physical	■□□	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	248 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	□■□	N/A*	The 12" floor tile and mastic contains asbestos.

1st Floor Hallway from Room 117 to Room 123H (inside locker rooms) Abated Spring 2014

2'x2' Transite Ceiling Tile with Large Pinholes	15% Chrysotile	418 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None.
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1st Floor Hallway from Room 102T to Room 103 Abated Spring 2014

12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	24 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" floor tile and mastic contains asbestos.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 201 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ □■□ ■□□	6	The asbestos hard fittings on fiberglass insulation are on a rainleader pipe above the north end of room 201.
Room 207 Abated Spring 2014								
Gray Sink Undercoating	15% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The sink with the asbestos undercoating is in the northeast corner of the room.
Room 211 Abated Spring 2014								
Gray Sink Undercoating	15% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The sink with the asbestos undercoating is in the southeast corner of the room.
Room 212 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	11 fittings	Friable TSI	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos hard fittings on fiberglass insulation run along the south wall.
Room 212A Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	300 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Room 212B Abated Spring 2014								
12" Tan Floor Tile with Brown Streaks and Mastic	3-5% Chrysotile	140 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The floor tile and mastic both contain asbestos; they are under the carpet.
Window Glazing	3% Chrysotile	8 windows	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos window glazing is on the north windows.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Hallway 288 (including the north/south section of the 2nd floor hallway) Abated Spring 2014								
Window Glazing	3% Chrysotile	91 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos window glazing is on the windows overlooking the pool.
Room 214 Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	3 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 are on a rainleader pipe above the west end of room 214.
Room 214C Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 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 are on the south end of the room.
Room 299C Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	8 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"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 299D Abated Spring 2014								
Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	8 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"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
Room 303 Abated Spring 2014								
Red HVAC Duct Caulk	3% Chrysotile	10 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos red HVAC caulk is on ducts leading to the pipe chase on the east end of the room, above the ceiling tiles.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
BISON SPORTS ARENA (BLDG A072)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 306 Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	4 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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation are above the ceiling tiles.
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Room 306A Abated Spring 2014

Hard Fittings on Fiberglass Insulation	2-20% Chrysotile 0-5% Amosite	18 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 type="checkbox"/> <input checked="" type="checkbox"/>	6	The asbestos hard fittings on fiberglass insulation are spread throughout the room.
Hard Pack on Fiberglass	10-20% Chrysotile	14 each	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 type="checkbox"/> <input checked="" type="checkbox"/>	6	The asbestos hard pack on fiberglass insulation is around valves and at the ends of fiberglass insulation throughout the room.

¹Assessment Categories:

- | | |
|--|---|
| <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 |
|--|---|

End