

## **NARRATIVE REPORT**

### **1.0 BUILDING INFORMATION**

South Engineering was originally constructed in 1907; a 1993 addition extended the building to the west. Although specific information could not be located, multiple renovations are evident.

South Engineering is a three-story, 35,500 ft<sup>2</sup> building which primarily serves as offices and classrooms for the science personnel.

The interior floor finishes included concrete, terrazzo, floor tile, and carpet; the interior wall finishes included gypsum wallboard, brick, concrete block, and plaster; and the interior ceiling finishes included ceiling tile, plaster, . The roofing system is a peaked shingled roof with the exterior of the structure being brick.

The piping systems were insulated; fiberglass insulation (without hard fittings), millboard pipe insulation (with residual hard fittings), and aircell pipe insulation (with hard fittings) are located in the building. HVAC systems located in the building consisted of steam unit heaters, steam radiators, and forced air furnaces equipped with heating/cooling coils.

### **2.0 ASBESTOS SURVEY INFORMATION**

South Engineering was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 2" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 2" for methodologies, definitions, and other pertinent supporting information.

A total of 121 samples were collected from suspect asbestos-containing materials (ACM) from South Engineering on June 21, 2007 and an additional 11 samples were collected on April 18, 2008. Laboratory analysis results indicate **16 of these samples tested positive for asbestos.**

#### **2.1 Suspect Materials Identified and Sampled**

Aircell Pipe Insulation	Millboard Pipe Insulation
Hard Fittings on Millboard Insulation (residual)	Strair Tread (2 types)
Stair Tread Adhesive (2 types)	Floor Tile (11 types)
Floor Tile Mastic (10 types)	Wire Insulation
Penetration Putty	Sink Undercoating (5 types)
Carpet Mastic (4 types)	Glue Puck (on chalkboards)
Textured Paint	Hard Plaster- Monocoat
Hard Plaster- Skimcoat	Hard Plaster- Basecoat
Surfacing Material (brick pattern)	Chalkboard Patch Material (2 types)
Wall Patch Material	Wall Texture (2 types)
Gypsum Wallboard (8 types)	Joint Compound (8 types)
Baseboard Adhesive (2 types)	Ceiling Tile (8 types)
Exterior Building Seam Caulk	Exterior Door Caulk
Exterior Window Caulk	Asphalt Shingle
Roof Tarpaper	Roof Flashing (2 types)
Roof Penetration Putty	Roof Caulk

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

## 2.2 Asbestos Containing Materials

Aircell Pipe Insulation  
Millboard Pipe Insulation  
Hard Fittings on Millboard Insulation (residual)  
Mastic for 12" Gray Floor Tile with White/Brown Blotches  
Black Sink Undercoating (4 types)  
Glue Puck (on chalkboard)  
12" Red Floor Tile  
Joint Compound (2 types)  
Roof Penetration Putty (around old chimney)  
Mastic for 12" Cream Floor Tile with Black Streaks  
Hard Fittings on Aircell Insulation (assumed)  
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 South Engineering as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Aircell Pipe Insulation	50 ft	\$25.00/ ft	\$1,250.00
Asbestos Millboard Pipe Insulation	160 ft	\$25.00/ ft	\$4,000.00
Asbestos Floor Tile and/or Mastic	7,340 ft <sup>2</sup>	\$4.00/ft <sup>2</sup>	\$29,360.00
Asbestos Sink Undercoating	4 ea	\$150.00/ea	\$600.00
Asbestos Glue Pucks (on chalkboards)	120 ft <sup>2</sup>	\$7.50/ft <sup>2</sup>	\$900.00
Asbestos Joint Compound	1,238 ft <sup>2</sup>	\$5.00/ft <sup>2</sup>	\$6,190.00
Asbestos Penetration Putty	1 ea	\$150.00/ea	\$150.00
Asbestos Hard Fittings on Aircell Insulation	2 ea	\$25.00/ea	\$50.00
<b>Total Abatement Cost:</b>			<b>\$42,500.00</b>

## 2.4 Survey Notes

LEGEND identified and sampled Joint Compound on gypsum wallboard from multiple renovation vintages in South Engineering. The joint compound associated with the renovations in rooms 212, 212A, 212B, and 212C and in rooms 220, 220A, 220B, and 220C tested positive for asbestos, only.

LEGEND identified and sampled a residual layer of hard fittings on millboard insulation in the crawlspaces; this residual material tested positive for asbestos. Due to the residual nature of the material, LEGEND was unable to accurately quantify the hard fittings on millboard insulation. The material was noted to be on the same pipes as the ACM millboard pipe insulation and should be abated while the ACM millboard pipe insulation is being abated.

LEGEND identified and sampled a 12" Gray Floor Tile with White/Brown Blotches in room 108/108A/108B with black mastic, room 118 with brown mastic, and room 208 with tan mastic.

The black mastic in room 108/108A/108B tested positive for asbestos, only; the black mastic may be a residual layer from a previous flooring installation. LEGEND recommends assuming the ACM black mastic to be present below all of room 108/108A/108B until a destructive survey can be conducted to verify the extent of the ACM black mastic.

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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

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

**Crawlspace**

Millboard Pipe Insulation	80% Chrysotile	160 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The asbestos millboard pipe insulation is in the crawlspace areas. Refer to section 2.4 "Survey Notes" for further information.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		

**Room 108**

Mastic for 12" Gray Floor Tile with White/Brown	5% Chrysotile	390 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic for 12" floor tile contains asbestos; the floor tile is negative.
---	---------------	---------------------	---------------------------	------	------	------	------	--

**Room 108A**

Mastic for 12" Gray Floor Tile with White/Brown	5% Chrysotile	190 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic for 12" floor tile contains asbestos; the floor tile is negative.
---	---------------	---------------------	---------------------------	------	------	------	------	--

**Room 108B**

Mastic for 12" Gray Floor Tile with White/Brown	5% Chrysotile	175 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic for 12" floor tile contains asbestos; the floor tile is negative.
---	---------------	---------------------	---------------------------	------	------	------	------	--

**Room 112**

Aircell Pipe Insulation	80% Chrysotile	35 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The asbestos aircell pipe insulation runs along the north and south ends of the room.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
Hard Fittings on Aircell Insulation	Assumed	2 each	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	None
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		

**Hallway 188** Ramp abated May 2016

<del>Mastic for 12" Cream Floor Tile with Black Streaks</del>	5% Chrysotile	102 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic for 12" floor tile contains asbestos; the floor tile is negative. It is on the wheel chair ramp by room 108.
---	---------------	---------------------	---------------------------	------	------	------	------	---

\* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

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

**Room 210A**

Aircell Pipe Insulation	80% Chrysotile	15 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The asbestos aircell pipe insulation runs from the floor to the ceiling.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

**Room 212**

Joint Compound	3% Chrysotile	164 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north wall (2 <sup>nd</sup> layer).
----------------	---------------	---------------------	------------------------------	------	------	------	------	---

**Room 212 A**

Joint Compound	3% Chrysotile	125ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the south wall (2 <sup>nd</sup> layer).
----------------	---------------	--------------------	------------------------------	------	------	------	------	---

**Room 212B**

Joint Compound	3% Chrysotile	135ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the south wall (2 <sup>nd</sup> layer).
----------------	---------------	--------------------	------------------------------	------	------	------	------	---

**Room 214**

Black Sink Undercoating	25% Chrysotile	1 each	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos undercoating is on a sink along the east wall.
----------------------------	----------------	--------	------------------------------	------	------	------	------	---

**Room 216B** Removed Fall 2008

<del>Black Sink Undercoating</del>	8% Chrysotile	1 each	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos undercoating is on a sink along the west wall.
--	---------------	--------	------------------------------	------	------	------	------	---

\* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

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

**Room 218** Abated Jan 2015

9" Floor Tile and Mastic	Assumed	188 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-----------------------------	---------	---------------------	------------------------------	------	------	--	------	--

**Room 220**

9" Floor Tile and Mastic	Assumed	142 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	3% Chrysotile	289 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos joint compound is located on west wall by room 220A.

**Room 220A**

9" Floor Tile and Mastic	Assumed	168 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	3% Chrysotile	134 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos joint compound is on the north half of the east wall and the east half of the north wall.

**Room 220B**

9" Floor Tile and Mastic	Assumed	192 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	3% Chrysotile	202 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos joint compound is on the north wall and the north half of the west wall.

\* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

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

**Room 220C**

9" Floor Tile and Mastic	Assumed	114 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	3% Chrysotile	189 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos joint compound is on the south wall and the south half of the east wall.

**Room 220D** Now Room 221, Abated May 2010

<del>9" Floor Tile and Mastic</del>	Assumed	680 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-------------------------------------	---------	---------------------	------------------------------	------	------	--	------	--

**Hallway 288**

9" Floor Tile and Mastic	Assumed	873 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
--------------------------	---------	---------------------	------------------------------	------	------	--	------	--

**Room 305** Abated May 2013

<del>9" Floor Tile and Mastic</del>	Assumed	57 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-------------------------------------	---------	--------------------	------------------------------	------	------	--	------	--

**Room 306** Abated May 2013

<del>9" Floor Tile and Mastic</del>	Assumed	50 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-------------------------------------	---------	--------------------	------------------------------	------	------	--	------	--

**Room 308**

Glue Puck (on chalkboards)	10% Chrysotile	40 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos glue puck is behind the chalkboards on the south and east walls.
----------------------------	----------------	--------------------	------------------------------	------	------	--	------	---

\* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

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

**Room 310**

9" Floor Tile and Mastic	Assumed	363 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
Black Sink Undercoating	10% Chrysotile	1 each	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos undercoating is on a sink along the east wall of the room.

**Room 312**

Glue Puck (on chalkboards)	10% Chrysotile	40 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos glue puck is behind the chalkboards on the south and west walls.
----------------------------	----------------	--------------------	------------------------------	------	------	--	------	---

**Room 314 East** Abated May 2013

<del>9" Floor Tile and Mastic</del>	Assumed	750 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-------------------------------------	---------	---------------------	------------------------------	------	------	--	------	--

**Room 314 West** (Room 304) Abated May 2013

<del>9" Floor Tile and Mastic</del>	Assumed	57 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-------------------------------------	---------	--------------------	------------------------------	------	------	--	------	--

**Room 316**

Glue Puck (on chalkboards)	10% Chrysotile	40 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos glue pucks are behind the black boards on the north and west walls.
----------------------------	----------------	--------------------	------------------------------	------	------	--	------	--

**Room 318 (including the east and west sections of the room)** Abated March 2015

<del>9" Floor Tile and Mastic</del>	Assumed	479 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
-------------------------------------	---------	---------------------	------------------------------	------	------	--	------	--

\* = Non-Friable materials were not assessed



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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. <sup>1</sup>	NOTES
<del>Black Sink</del> <del>Undercoating</del>	12% Chrysotile	1 each	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos undercoating is on a sink along the west wall in the west section of the room.
<b>Room 318A</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2015</span>								
<del>9" Floor Tile and</del> <del>Mastic</del>	Assumed	133 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 318B</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2015</span>								
<del>9" Floor Tile and</del> <del>Mastic</del>	Assumed	112 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 318C</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2015</span>								
<del>9" Floor Tile and</del> <del>Mastic</del>	Assumed	86 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 318D</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2015</span>								
<del>9" Floor Tile and</del> <del>Mastic</del>	Assumed	117 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 318E</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2015</span>								
<del>9" Floor Tile and</del> <del>Mastic</del>	Assumed	95 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.

\* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)  
SOUTH ENGINEERING (BUILDING A013)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. <sup>1</sup>	NOTES
<b>Room 318F</b> Abated March 2015								
<del>9" Floor Tile and Mastic</del>	Assumed	77 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 318G</b> Abated March 2015								
<del>9" Floor Tile and Mastic</del>	Assumed	90 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 318H</b> Abated March 2015								
<del>9" Floor Tile and Mastic</del>	Assumed	90 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 322</b> Abated May 2013								
<del>9" Floor Tile and Mastic</del>	Assumed	302 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Room 388</b> Abated May 2013								
<del>9" Floor Tile and Mastic</del>	Assumed	618 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed ACMs.
<b>Center Stairway (1<sup>st</sup>-3<sup>rd</sup> floor)</b>								
12" Red Floor Tile	2% Chrysotile	40 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" floor tile contains asbestos; the mastic is negative. The floor tile is on the small landing in between the floors.

\* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)  
 SOUTH ENGINEERING (BUILDING A013)

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

**Roof**

Penetration Putty (around old chimney)	2% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos penetration putty is on an old chimney on the north side of the roof.
---	---------------	------	------------------------------	------	------	--	------	--

<sup>1</sup>Assessment Categories:

- 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

- 5) ACM with Potential for Damage
- 6) ACM with Potential for Significant Damage
- 7) Any Remaining Friable ACM or Friable Suspected ACM

**End**