

# NARRATIVE REPORT

## 1.0 BUILDING INFORMATION

The President's House was originally constructed in 1943; a 2001 addition extended the building to the south. There appears to have been several small renovations, notably, a 1972 renovation throughout the building and a 1995 renovation to the 1<sup>st</sup> floor.

The President's House is a three-story, 4,553 ft<sup>2</sup> building which primarily serves as a residential structure.

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

The piping systems were not insulated. Water enters the building in room 3 and a small natural gas boiler is located in room 3. HVAC systems located in the building consisted of steam radiators and a forced air furnace.

## 2.0 ASBESTOS SURVEY INFORMATION

The President's House was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 1" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 1" for methodologies, definitions, and other pertinent supporting information.

A total of 56 samples were collected from suspect asbestos-containing materials (ACM) from the President's House on October 19, 2007 and an additional 3 samples were collected on December 19, 2007. Laboratory analysis results indicate **5 of these samples tested positive for asbestos.**

### 2.1 Suspect Materials Identified and Sampled

Gypsum Wallboard (5 types)	Joint Compound (4 types)
Hard Plaster- Skimcoat	Hard Plaster- Basecoat
Hard Plaster- Monocoat	Linoleum (5 types)
Underlayment Paper for Linoleum (5 types)	Sink Undercoating
Ceiling Tile	Ceiling Texture (3 types)
Baseboard Adhesive	Exterior Window Glazing
Exterior Door Caulk	Exterior Garage Door Caulk
Exterior Window Caulk	Exterior Panel Caulk
Exterior Penetration Putty (2 types)	Exterior Fascia Caulk (2 types)
Roof Tarpaper	

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 **Asbestos Containing Materials**

Light Popcorn Ceiling Texture  
Underlayment Paper for White Square Pattern Linoleum  
Exterior Penetration Putty (on electric conduit)  
Fascia Caulk (1 type)

The ACM Locations/ Friable Materials Assessments Table includes ACM locations data.

2.3 **Cost Estimates**

Legend Technical Services Inc. estimates abatement costs (removal & disposal) of ACM for the President's House as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Underlayment Paper	35 ft <sup>2</sup>	\$4.00/ ft <sup>2</sup>	\$140.00
Asbestos Ceiling Texture	271 ft <sup>2</sup>	\$7.50/ ft <sup>2</sup>	\$2,032.50
Asbestos Penetration Putty	1 ea	\$60.00/ ea	\$60.00
Asbestos Fascia Caulk	208 ft	\$7.50/ ft	\$1,560.00
<b>Total Estimated Abatement Costs:</b>			<b>\$3,792.50</b>

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

LEGEND No. 0700048 (NDSU)  
PRESIDENT'S HOUSE (BUILDING A002)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. <sup>1</sup>	NOTES
<b>Room 100</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2008</span>								
<del>Light Popcorn Ceiling Texture</del>	3% Chrysotile	120 ft <sup>2</sup>	Friable Surfacing	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None
					Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
<b>Room 202</b> <span style="border: 1px solid red; padding: 2px;">Building Demolition Spring 2008</span>								
<del>Underlayment Paper for White Square Pattern Linoleum</del>	20% Chrysotile	35 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	None
<b>Hallway 288</b> <span style="border: 1px solid red; padding: 2px;">Abated March 2008</span>								
<del>Light Popcorn Ceiling Texture</del>	3% Chrysotile	151 ft <sup>2</sup>	Friable Surfacing	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None
					Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
<b>Exterior</b> <span style="border: 1px solid red; padding: 2px;">Building Demolition Spring 2008</span>								
<del>Penetration Putty (around electric conduit)</del>	3% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The penetration putty is in one location, around an electric conduit penetration through the east side of the building into the garage.
<del>Fascia Caulk</del>	3% Chrysotile	208 ft	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The fascia caulk is where the wood fascia meets the side of the building.

<sup>1</sup>Assessment Categories:

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

End