The City of Winnipeg
Appendix 'D'
Tender No. 553-2024
Appendix 'D'
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Template Version: 2024 02 01 Construction w Bid Security

# Appendix 'D' – Asbestos Reports





Client: City of Winnipeg Water and Waste Dept

Location: #1 : Vestibule

Site: MacLean Pumping Station Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 80

													(			
Survey Da	te: 2006-05-04	1						Last Re	-Assessme	ent: 2023-0	6-13					
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI														
Duct	Not Found	NI														
Floor		Ceramic Tiles	No Information	NI												
Floor	All	Mortar	Surface	Ceramic Tiles	Α	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Not Found	NI														
Other	Not Found	NI														
Piping	Not Found	NI						800								
Structure	Beam, Deck	Concrete (precast)						800								
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL		А	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite. Setting compound on ceramic tiles is presumed asbestos containing.





Client: City of Winnipeg Water and Waste Dept

Site: MacLean Pumping Station Location: #2 : Lobby Floor: Main

Room #:

**Building Name: MacLean Pumping Station** 

Area (sqft): 150

Survey Da	te: 2006-05-04	ļ						Last Re	-Assessme	ent: 2023-0	6-13		( 1 /			
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Metal	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor	All	Mortar	Surface	Ceramic Tiles	Α	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Not Found	NI	No Information	NI												
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry	No Information	NI												
Wall	All	Vermiculite/concrete block walls	ALL	N/A	А	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite. Setting compound on ceramic tiles is presumed asbestos containing.





Client: City of Winnipeg Water and Waste Dept

Location: #3 : Washroom Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 120

	2000 00 0	:							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
							AS	BESTOS								
System	Component	Material	Item	Covering	Α*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Metal	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor	All	Mortar	Surface	Ceramic Tiles	Α	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Heating Water Tank	Fibreglass	Surface	Foil Face	В	Υ		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment	Heating Water Tank	Horsehair	Surface	Canvas	В	Υ										
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Fibreglass	Straight	Canvas	В	Y										
Piping	Domestic Water (hot And Cold)	Not Insulated	Fitting	N/A	В	Y		100			%	V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL		А	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite. Setting compound on ceramic tiles is presumed asbestos containing.





Client: City of Winnipeg Water and Waste Dept

Location: #4 : Control Room Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 792

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Metal	No Information	NI												
Duct		Foil Face														
Duct	Supply Air	Not Insulated	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Electrical Panel	Not Insulated	No Information	NI												
Piping	Domestic Water (hot And Cold)	Fibreglass	Straight	Canvas	В	Υ										
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	В	Υ					EA	V0002	[None]	25-50%	[Abated]	
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	В	Υ		12			LF	S0003	None Detected	N.D.	None	
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	С	N		12			LF	V0003	None Detected	N.D.	None	
Wall		Masonry	No Information	NI												
Wall	All	Vermiculite/concrete block walls	ALL	N/A	А	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F





Client: City of Winnipeg Water and Waste Dept

**Location: #5 : North Stairwell** Survey Date: 2006-05-04

Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 200

	= 0 0 0 0															
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Not Found	NI	No Information	NI												
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry	No Information	NI												
Wall	All	Vermiculite/concrete block walls	ALL	N/A	Α	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F



Survey Date: 2006-05-04

### ALL DATA REPORT



Client: City of Winnipeg Water and Waste Dept Location: #6 : Chlorine Analyzer Room

Site: MacLean Pumping Station Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 300

	10. 2000 00 04								A330331110	0_0						
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	٧*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	С	Υ		29	1		SF	V0005	Chrysotile	50-75%	Confirmed Asbestos	F
Duct	Supply Air	Not Insulated	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Floor	All	Mortar	Surface	Ceramic Tiles	Α	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Fibreglass	Straight	Canvas	В	Υ										
Piping	Domestic Water (hot And Cold)	Not Insulated	Fitting	N/A	В	Υ		100			%	V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry	No Information	NI												
Wall	All	Vermiculite/concrete block walls	Insulation	Masonry	В	N		960			SF	V9500	Presumed Asbestos		Presumed Asbestos	F

Damaged/exposed parging cement on 1 SF air intake - June 29, 2021 Masonry walls suspect to contain vermiculite. setting compound on ceramic tiles is presumed asbestos containing.





Client: City of Winnipeg Water and Waste Dept

Location: #7 : Chlorine Scale Room

Survey Date: 2006-05-04

Site: MacLean Pumping Station

Floor: Main

Building Name: MacLean Pumping Station

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 300

	=															
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	С	Υ		30			SF	S0005	Chrysotile	50-75%	Confirmed Asbestos	F
Duct	Supply Air	Not Insulated	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	В	Y		2			EA	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry														
Wall		Vermiculite/concrete block walls	Insulation	Masonry	В	N		1040			SF	V9500	Presumed Asbestos		Presumed Asbestos	F





Client: City of Winnipeg Water and Waste Dept

Location: #8 : Vestibule Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 200

	=	•						_0.01.10		=0=0						
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping		Not Insulated	No Information	NI												
Structure	Beam, Deck	Concrete (precast)	No Information	NI												

Client: City of Winnipeg Water and Waste Dept

Masonry

Location: #9: Chlorine Tonner Room

Wall

Site: MacLean Pumping Station

No Information

NI

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 1200

Survey Date: 2006-05-04 **ASBESTOS** Material Covering Α\* V\* AP\* Good **Asbestos Type** Friable System Component Item Fair Poor Unit Sample Amount Hazard Ceiling Not Found NI No Information NI Duct Supply Air Not Insulated No Information NI NI Floor Concrete (poured) No Information Mechanical Not Found NI No Information NI Equipment Other Not Found NI No Information NI Rain Water Confirmed С 5 EΑ 25-50% F Piping Parging over Fibreglass Fitting Canvas V0004 Chrysotile Leader Asbestos Rain Water С Υ 1F Sweat Wrap pipe insulation 40 V0003 N.D. Piping Straight Canvas None Detected None Leader NI Structure Beam, Deck Concrete (precast) No Information NI Wall Masonry No Information Presumed В Ν % Wall Vermiculite/concrete block walls Insulation Masonry 100 V9500 Presumed Asbestos F Asbestos





Client: City of Winnipeg Water and Waste Dept

Location: #10 : Vestibule Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 80

Survey Da	le: 2006-05-04	•						Lasi Re	-A556551116	:III. 2023-0	0-13					
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product	Surface	N/A	С	Υ		80			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Duct	Not Found	NI	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Not Found	NI	No Information	NI												
Structure																
Structure	N/a	NI	No Information	NI												
Wall		Masonry	No Information	NI												





Client: City of Winnipeg Water and Waste Dept

Location: #11 : Ammonia Room Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 160

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	С	Υ		15			SF	V0005	Chrysotile	50-75%	Confirmed Asbestos	F
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	С	Υ		2			EA	V0004	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	С	Υ		10			LF	V0003	None Detected	N.D.	None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry														
Wall		Vermiculite/concrete block walls	Insulation	Masonry	В	N		1160			SF	V9500	Presumed Asbestos		Presumed Asbestos	F





Client: City of Winnipeg Water and Waste Dept

Location: #12 : Upper Walkways Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 2200

	.0. 2000 00 0								, 10000011110							
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Metal	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor		Ceramic Tiles	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	С	Υ		2			EA	S0004	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	С	Υ		20			LF	V0003	None Detected	N.D.	None	
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	С	N		4			LF	V0003	None Detected	N.D.	None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry	No Information	NI												
Wall <sup>1</sup>		Mortar, Off White						100			%	S0014ABC	None Detected	N.D.	None	
Wall <sup>2</sup>		Mortar, Of WHite						100			%	S0015ABC	None Detected	N.D.	None	
Wall		Vermiculite/concrete block walls	Insulation	Masonry	В	N		3500			SF	V9500	Presumed Asbestos		Presumed Asbestos	F

Exterior masonry wall at overhead door inspected for vermiculite. Wall is not insulated. Remaining masonry walls suspect to contain vermiculite. Mortar sampled S0014A-C, 0015A-C April 3, 2023

<sup>1 -</sup> Lower 5 feet

<sup>2 -</sup> Above 5 feet (2 styles of brick present)



Survey Date: 2006-05-04

### ALL DATA REPORT



Client: City of Winnipeg Water and Waste Dept

Site: MacLean Pumping Station Location: #13 : Stairwell Floor: Main

**Building Name: MacLean Pumping Station** 

Room #:

Area (sqft): 160

Last Re-Assessment: 2023-06-13

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor		Ceramic Tiles	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Not Found	NI	No Information	NI												
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL	N/A	Α	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F





Client: City of Winnipeg Water and Waste Dept

Location: #14 : Stairwell

Site: MacLean Pumping Station

Floor: Mezzanine Roo

Room #:

**Building Name: MacLean Pumping Station** 

Area (sqft): 200

Survey Date: 2006-05-04 Last Re-Assessment: 2023-06-13 **ASBESTOS** Α\* V\* AP\* System Component Material Item Covering Good Fair Poor Unit Sample Asbestos Type Amount Hazard Friable Ceiling Not Found NI No Information NI Not Found NI NI No Information Duct Floor Concrete (poured) No Information NI Mechanical Not Found NI No Information NI Equipment NI Other Not Found No Information NI Domestic Confirmed Piping Water (hot Parging over Fibreglass Fittina Canvas С 1 EΑ V0002 Chrysotile 25-50% F Asbestos And Cold) Domestic Sweat Wrap pipe insulation С Υ LF V0003 N.D. Water (hot Canvas 11 None Detected Piping Straight None And Cold) Structure Deck Concrete (poured) No Information NI Wall Masonry Presumed Wall Vermiculite/concrete block walls Insulation В Ν 475 SF V9500 Presumed Asbestos F Masonry Asbestos





Client: City of Winnipeg Water and Waste Dept

Location: #15 : North Mezzanine Survey Date: 2006-05-04 Site: MacLean Pumping Station Floor: Mezzanine

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 600

	tc. 2000 05 04								A330331110							
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Sweat Wrap pipe insulation	Straight	Canvas	С	Υ		30			LF	S0008	None Detected	N.D.	None	
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	С	Y		3			EA	V0002	[None]	25-50%	[Abated]	
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	С	Y		3			EA	V0004	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														





Client: City of Winnipeg Water and Waste Dept

Location: #16 : Fan Room Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Mezzanine

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 3600

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	С	Υ		500			SF	V0005	Chrysotile	50-75%	Confirmed Asbestos	F
Duct	Supply Air	Not Insulated	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment		Not Insulated	No Information	NI												
Mechanical Equipment		Not Insulated	No Information	NI												
Mechanical Equipment	Air Handling Unit	Not Insulated	No Information	NI												
Mechanical Equipment	Air Handling Unit	Not Insulated	No Information	NI												
Mechanical Equipment	Air Handling Unit	Not Insulated	No Information	NI												
Mechanical Equipment	Air Handling Unit	Not Insulated	No Information	NI												
Mechanical Equipment	Air Handling Unit	Not Insulated	No Information	NI												
Mechanical Equipment	Exchanger	Not Insulated	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Chilled Water Return	Parging over Fibreglass		Canvas	В	Υ		8	2		EA	S0013	None Detected	N.D.	None	
Piping	Chilled Water Supply	Parging over Fibreglass		Canvas	В	Y		15	3		EA	S0012	None Detected	N.D.	None	
Piping	Domestic Water (hot And Cold)	Sweat Wrap pipe insulation	Straight	Canvas	С	Y		70			LF	V0003	None Detected	N.D.	None	
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	С	Y					EA	V0002	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	Surface	Preformed Block	Α	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F



Location: #17 : Stairwell

Survey Date: 2006-05-04

### ALL DATA REPORT



Client: City of Winnipeg Water and Waste Dept

Site: MacLean Pumping Station Floor: Mezzanine

**Building Name: MacLean Pumping Station** 

Room #:

n #: Area (sqft): 160

Last Re-Assessment: 2023-06-13

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Not Found	NI	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	С	Υ					EA	V0002	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL	Preformed Block	А	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F





Client: City of Winnipeg Water and Waste Dept

Location: #18 : Generator Room

Survey Date: 2006-05-04

Site: MacLean Pumping Station Floor: Mezzanine

ALL

**Building Name: MacLean Pumping Station** 

Room #:

Area (sqft): 300 Last Re-Assessment: 2023-06-13

V9500

Presumed Asbestos

**ASBESTOS** Α\* V\* AP\* System Component Material Item Covering Good Fair Poor Unit Sample Asbestos Type Amount Hazard Friable Ceiling Not Found NI No Information NI NI Not Found NI No Information Duct Floor Concrete (poured) No Information NI Mechanical Generator Confirmed Magnesia block System С 40 S0006 Amosite 5-10% F Equipment Exhaust Asbestos Mechanical Generator Not Insulated No Information NI Unit Equipment Mechanical Generator Not Insulated No Information NI Equipment Unit Other Not Found NI No Information NI Domestic Piping Water (hot Abated Material Fitting Canvas С Υ EΑ V0002 25-50% [Abated] [None] And Cold) Gas Pipe Not Insulated N/A С Υ 100 % V0000 Non-Asbestos Piping Fitting None Line Structure Deck Concrete (poured) No Information NI Wall Masonry Preformed Presumed

100

Α Ν

Block

Masonry walls suspect to contain vermiculite

Vermiculite/concrete block walls

ΑII

Wall

F

Asbestos





Client: City of Winnipeg Water and Waste Dept

Location: #19 : Pump Floor Survey Date: 2006-05-04

Site: MacLean Pumping Station

Floor: Lower Level

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 5400

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI								•	••			
Duct	Exhaust	Magnesia block	System		С	Υ		24			LF	V0006	[Asbestos]	5-10%	[Asbestos]	F
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	С	Υ		24			SF	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Floor		Concrete (poured)	No Information	NI												
Floor	All	Mortar	Surface	Ceramic Tiles	Α	Υ		100			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Pump	Not Insulated	No Information	NI												
Mechanical Equipment	Pump	Not Insulated	No Information	NI												
Mechanical Equipment	Pump	Not Insulated	No Information	NI												
Mechanical Equipment	Pump	Not Insulated	No Information	NI												
Mechanical Equipment	Pump	Not Insulated	No Information	NI												
Other		Ceiling tiles (glue-on)	Surface	N/A	В	Υ		36			SF	S0007	None Detected	N.D.	None	
Piping		Abated Material	Fitting	Canvas	В	Υ					EA	V0002	[None]	25-50%	[Abated]	
Piping	Domestic Water (hot And Cold)	Parging over Fibreglass	Fitting	Canvas	С	Υ		35			EA	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Concrete (poured)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL	Preformed Block	А	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite. setting compound on ceramic tiles is presumed asbestos containing.





Client: City of Winnipeg Water and Waste Dept

Location: #20 : Maintenance Room

Survey Date: 2006-05-04

Site: MacLean Pumping Station

Floor: Lower Level

**Building Name: MacLean Pumping Station** 

Room #:

om #:

Area (sqft): 600

Last Re-Assessment: 2023-06-13

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found	NI	No Information	NI												
Duct	Supply Air	Not Insulated	No Information	NI												
Floor		Concrete (poured)	No Information	NI												
Mechanical Equipment	Not Found	NI	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Parging over Fibreglass	Fitting	Canvas	С	Υ		10			EA	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Concrete (poured)	No Information	NI												

**Client: City of Winnipeg Water and Waste Dept** 

Location: #21 : Valve Room Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: Lower Level

**Building Name: MacLean Pumping Station** 

Room #:

Last Re-Assessment: 2023-06-13

Area (sqft): 3600

**ASBESTOS** Material Α\* ٧\* AP\* Good Friable System Component Item Covering Fair Poor Unit Sample Asbestos Type Amount Hazard Ceilina Not Found NI No Information NI NI Not Found NI No Information Duct Concrete (poured) No Information NI Floor Mechanical Not Found NI No Information NI Equipment Other Not Found NI No Information NI Domestic Confirmed Parging over Fibreglass С Piping Water (hot Fitting Canvas 140 EΑ V0002 Chrysotile 25-50% Asbestos And Cold) Deck Concrete (poured) NI Structure No Information Wall Concrete (poured) No Information NI

Room Not accessible June 29, 2021



**Building Name: MacLean Pumping Station** 



Client: City of Winnipeg Water and Waste Dept

Location: #22 : MacLean Pump Station Building

Exterior Survey Date: 2006-05-04 Site: MacLean Pumping Station

Floor: NA Room #:

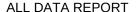
Area (sqft): 0

Last Re-Assessment: 2023-06-13

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							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other <sup>1</sup>		Caulking						4			SF	V0011	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Clay Tile (block)	Exterior		Α	Υ		100			%					
Wall		Masonry														
Wall		Vermiculite/concrete block walls	Insulation	Masonry	В	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F
Wall	Base	Plaster	Base		Α	Υ		300			SF	S0010	None Detected	N.D.	None	
Wall	Exterior	Plaster	Base		Α	Υ		43			SF	S0009	None Detected	N.D.	None	
Wall	Exterior	Caulking			А	Υ		100			%	S0011	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	Fascia	Plaster	Exterior		Α	Υ		300			SF	V9500	[None]		[None]	

Masonry walls suspect to contain vermiculite. Roof sections needs to be tested prior to any renovation or demolition activities

<sup>1 -</sup> Debris present on ground North East side of building







# Legend:

9	<b></b>						
Sample r	umber	Units				Other	
S####	Asbestos sample collected	SF	Square feet			Α	Access
V####	Material visually similar to numbered sample collected	LF	Linear feet			V	Visible
V0000	Known non-asbestos material	EA	Each			AP	Air Plenum
V9000	Visually identified as an asbestos material	%	Percentage			F	Friable material
V9500	Material is presumed to be an asbestos material					NF	Non Friable material
						PF	Potentially Friable material
Access				Condition	on		
Α	Accessible to all building occupants			Good	No visible damage or deterior	ation	

# C Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas

#### D Not normally accessible

#### Visible

Ν

Y The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).

Accessible to maintenance and operations staff without a ladder

The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.

#### **Colour Coding**

The material is known to contain regulated concentrations of asbestos; either by analytical results or visible identification (use of the V9000 code).

The material is presumed to contain asbestos; based on visual appearances; typically a material known to historically contain asbestos; however, not sampled due to limited access or the destructive nature of the sampling.

Fair Minor, repairable damage, cracking, delamination or deterioration

Poor Irreparable damage or deterioration with exposed and missing material

#### **Air Plenum**

Yes or No

The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.