

Appendix 'D' – Asbestos Reports

Client: City of Winnipeg Water and Waste Dept
Location: #1 : 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

ASBESTOS																
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	A	Y		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		A	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: #2 : Lobby
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): 150

ASBESTOS																
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	A	Y		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	A	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: #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

ASBESTOS																
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	A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Heating Water Tank	Fibreglass	Surface	Foil Face	B	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment	Heating Water Tank	Horsehair	Surface	Canvas	B	Y										
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Fibreglass	Straight	Canvas	B	Y										
Piping	Domestic Water (hot And Cold)	Not Insulated	Fitting	N/A	B	Y		100			%	V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL		A	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

ASBESTOS																
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	B	Y										
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	B	Y					EA	V0002	[None]	25-50%	[Abated]	
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	B	Y		12			LF	S0003	None Detected	N.D.	None	
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	C	N		12			LF	V0003	None Detected	N.D.	None	
Wall		Masonry	No Information	NI												
Wall	All	Vermiculite/concrete block walls	ALL	N/A	A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
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	A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite

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

ASBESTOS																
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	C	Y		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	A	Y		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	B	Y										
Piping	Domestic Water (hot And Cold)	Not Insulated	Fitting	N/A	B	Y		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	B	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

ASBESTOS																
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	C	Y		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	B	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	B	N		1040			SF	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
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												
Wall		Masonry	No Information	NI												

Client: City of Winnipeg Water and Waste Dept
Location: #9 : Chlorine Tonner 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): 1200

ASBESTOS																
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	Rain Water Leader	Parging over Fibreglass	Fitting	Canvas	C	Y		5			EA	V0004	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	C	Y		40			LF	V0003	None Detected	N.D.	None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry	No Information	NI												
Wall		Vermiculite/concrete block walls	Insulation	Masonry	B	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product	Surface	N/A	C	Y		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												

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
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	C	Y		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	C	Y		2			EA	V0004	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	C	Y		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	B	N		1160			SF	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
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	C	Y		2			EA	S0004	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	C	Y		20			LF	V0003	None Detected	N.D.	None	
Piping	Rain Water Leader	Sweat Wrap pipe insulation	Straight	Canvas	C	N		4			LF	V0003	None Detected	N.D.	None	
Structure	Beam, Deck	Concrete (precast)	No Information	NI												
Wall		Masonry	No Information	NI												
Wall ¹		Mortar, Off White						100			%	S0014ABC	None Detected	N.D.	None	
Wall ²		Mortar, Of White						100			%	S0015ABC	None Detected	N.D.	None	
Wall		Vermiculite/concrete block walls	Insulation	Masonry	B	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

1 - Lower 5 feet

2 - Above 5 feet (2 styles of brick present)

Client: City of Winnipeg Water and Waste Dept
Location: #13 : 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): 160

ASBESTOS																
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	A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

Client: City of Winnipeg Water and Waste Dept
Location: #14 : Stairwell
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): 200

ASBESTOS																
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)	Parging over Fibreglass	Fitting	Canvas	C	Y		1			EA	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Domestic Water (hot And Cold)	Sweat Wrap pipe insulation	Straight	Canvas	C	Y		11			LF	V0003	None Detected	N.D.	None	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														
Wall		Vermiculite/concrete block walls	Insulation	Masonry	B	N		475			SF	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
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	C	Y		30			LF	S0008	None Detected	N.D.	None	
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	C	Y		3			EA	V0002	[None]	25-50%	[Abated]	
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	C	Y		3			EA	V0004	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														

Masonry walls suspect to contain vermiculite.

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

ASBESTOS																
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	C	Y		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	B	Y		8	2		EA	S0013	None Detected	N.D.	None	
Piping	Chilled Water Supply	Parging over Fibreglass		Canvas	B	Y		15	3		EA	S0012	None Detected	N.D.	None	
Piping	Domestic Water (hot And Cold)	Sweat Wrap pipe insulation	Straight	Canvas	C	Y		70			LF	V0003	None Detected	N.D.	None	
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	C	Y					EA	V0002	[None]	25-50%	[Abated]	
Structure Wall	Deck	Concrete (poured)	No Information	NI												
Wall	All	Masonry														
Wall	All	Vermiculite/concrete block walls	Surface	Preformed Block	A	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

Client: City of Winnipeg Water and Waste Dept
Location: #17 : Stairwell
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): 160

ASBESTOS																
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	C	Y					EA	V0002	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL	Preformed Block	A	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite.

Client: City of Winnipeg Water and Waste Dept
Location: #18 : Generator 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): 300

ASBESTOS																
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	Generator Exhaust	Magnesia block	System		C	Y		40			LF	S0006	Amosite	5-10%	Confirmed Asbestos	F
Mechanical Equipment	Generator Unit	Not Insulated	No Information	NI												
Mechanical Equipment	Generator Unit	Not Insulated	No Information	NI												
Other	Not Found	NI	No Information	NI												
Piping	Domestic Water (hot And Cold)	Abated Material	Fitting	Canvas	C	Y					EA	V0002	[None]	25-50%	[Abated]	
Piping	Gas Pipe Line	Not Insulated	Fitting	N/A	C	Y		100			%	V0000	Non-Asbestos		None	
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Masonry														
Wall	All	Vermiculite/concrete block walls	ALL	Preformed Block	A	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos	F

Masonry walls suspect to contain vermiculite

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

ASBESTOS																
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		C	Y		24			LF	V0006	[Asbestos]	5-10%	[Asbestos]	F
Duct	Fresh Air Intake	Fibreglass w/Parging	Surface	Canvas	C	Y		24			SF	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Floor		Concrete (poured)	No Information	NI												
Floor	All	Mortar	Surface	Ceramic Tiles	A	Y		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	B	Y		36			SF	S0007	None Detected	N.D.	None	
Piping		Abated Material	Fitting	Canvas	B	Y					EA	V0002	[None]	25-50%	[Abated]	
Piping	Domestic Water (hot And Cold)	Parging over Fibreglass	Fitting	Canvas	C	Y		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	Prefomed Block	A	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 #:
Last Re-Assessment: 2023-06-13

Area (sqft): 600

ASBESTOS																
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	C	Y		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																
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)	Parging over Fibreglass	Fitting	Canvas	C	Y		140			EA	V0002	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	No Information	NI												
Wall		Concrete (poured)	No Information	NI												

Room Not accessible June 29, 2021

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

Building Name: MacLean Pumping Station
Room #:
Last Re-Assessment: 2023-06-13

Area (sqft): 0

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

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

1 - Debris present on ground North East side of building

Legend:


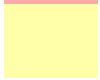
Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
V####	Material visually similar to numbered sample collected	LF	Linear feet	V	Visible
V0000	Known non-asbestos material	EA	Each	AP	Air Plenum
V9000	Visually identified as an asbestos material	%	Percentage	F	Friable material
V9500	Material is presumed to be an asbestos material			NF	Non Friable material
				PF	Potentially Friable material

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
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).
N	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.

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.

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.