

APPENDIX B

THE HAZARDOUS MATERIALS INVENTORY SYSTEMS – OBSERVATIONS REPORTS



Client: City of Winnipeg Water and Waste Dept
 Site: Lift Stations
 Buildings Name: Clifton Flood Station
 Building #: 33

Date: 01/08/19 12:31:00 EDT
 User: CofW

City of Winnipeg Water and Waste Dept

Observation Report for Location #1:

[Print] [Close]

Building #: 33 Building Name: Clifton Flood Station Surveyor: LSC Survey Date: 2009-09-10													
Location #: 1 Location Name: Control/Motor Room Floor: Main Square Feet: Room #:													
System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete (poured)										None	
Ceiling	All	Wood										None	
Wall		Wood										None	
Wall		Concrete (poured)										None	
Wall		Clay Tile (block)										None	
Structure	All	Wood										None	
Piping	Not Found	None Found										None	
Duct	Supply Air	Not Insulated		Paint								None	
Mechanical Equipment	Motor	Not Insulated										None	
Note: No visual inspection or sampling was conducted at the exterior and roof. Exterior and roof sections needs to be tested prior to any renovation or demolition activities.													

Legend:

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition		NOTE: See report for full definitions of action, access and condition	V9000	Material is known to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets () are auto-calculated. Actions in square brackets [] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage



Client: City of Winnipeg Water and Waste Dept
 Date: 01/08/19 12:31:48 EDT
 Site: Lift Stations
 Buildings Name: Clifton Flood Station
 Building #: 33
 User: CofW

City of Winnipeg Water and Waste Dept

Observation Report for Location #2:

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Building #: 33 Building Name: Clifton Flood Station Surveyor: LSC Survey Date: 2009-09-10													
Location #: 2 Location Name: Pump Room Floor: Basement Level 1 Square Feet: Room #:													
System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete (poured)										None	
Ceiling		Wood										None	
Ceiling		Styrofoam										None	
Wall		Styrofoam										None	
Wall		Concrete (poured)										None	
Wall		Wood										None	
Structure	All	Concrete (poured)										None	
Piping	All	Not Insulated		Paint								None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Motor	Not Insulated		Paint								None	

Legend:

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition		NOTE: See report for full definitions of action, access and condition	V9000	Material is known to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets () are auto-calculated. Actions in square brackets [] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage



Client: City of Winnipeg Water and Waste Dept Date: 01/08/19 12:31:58 EDT
 Site: Lift Stations
 Buildings Name: Clifton Lift Station
 Building #: 32

City of Winnipeg Water and Waste Dept

User: CofW

Observation Report for Location #1:

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Building #: 32 Building Name: Clifton Lift Station Surveyor: LSC Survey Date: 2009-09-10 Reassessment Date: 2018-06-13 Reassessment Surveyor:													
Location #: 1 Location Name: Control Room Floor: Main Square Feet: Room #:													
System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete(poured)										None	
Ceiling	All	Styrofoam										None	
Wall		Styrofoam		Clay Tile (block)								None	
Wall	All	Masonry		Styrofoam								None	
Wall		Clay Tile (block)										None	
Wall	All	Vermiculite/concrete block walls	ALL	Masonry	B	N	100	(7)		%	V 9500	Presumed Asbestos	Friable
Structure		Steel										None	
Piping	All	Not Insulated		Paint								None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Not Found	None Found										None	
Note: No visual inspection or sampling was conducted at the exterior and roof. Exterior and roof sections needs to be tested prior to any renovation or demolition activities. Masonry block walls under the bricks suspect to contain asbestos containing vermiculite.													

Legend:

Action		Access	Condition	Sample Number	
(1) Clean Up of ACM Debris	(2) Precautions for Access Which may Disturb ACM Debris	A Accessible to all building occupants	Good No visible damage or deterioration.	S####	Sample collected
(3) ACM removal	(4) Precautions for Work Which may Disturb ACM in Poor Condition	B Accessible to maintenance and operations staff without a ladder	Fair Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5) Proactive ACM removal (Minimum repair required for fair condition)	(6) ACM repair	C Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7) Management program and surveillance		D Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition	V9000	Material is known to contain asbestos
				V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets () are auto-calculated. Actions in square brackets [] are manual				Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage



Client: City of Winnipeg Water and Waste Dept
 Site: Lift Stations
 Buildings Name: Clifton Lift Station
 Building #: 32

Date: 01/08/19 12:31:10 EDT
 User: CofW

City of Winnipeg Water and Waste Dept

Observation Report for Location #2:

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Building #: 32 Building Name: Clifton Lift Station Surveyor: LSC Survey Date: 2009-09-10 Reassessment Date: 2018-06-13 Reassessment Surveyor:													
Location #: 2 Location Name: Comminuter Chamber Access Room Floor: Basement Level 3 Square Feet: Room #:													
System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Steel										None	
Floor		Concrete (poured)										None	
Floor		Wood										None	
Ceiling	All	Concrete (poured)										None	
Wall	All	Concrete (poured)										None	
Structure	Not Found	None Found										None	
Piping	All	Not Insulated		Paint								None	
Duct	Supply Air	Not Insulated										None	
Duct	Supply Air	Silver Mastic	Joint		B	Y	100			%	S 0001	None	
Mechanical Equipment	Not Found	None Found										None	

Legend:

Action		Access		Condition		Sample Number			
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material.	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition		NOTE: See report for full definitions of action, access and condition	V9000	Material is known to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets () are auto-calculated. Actions in square brackets [] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage



Client: City of Winnipeg Water and Waste Dept
 Site: Lift Stations
 Buildings Name: Clifton Lift Station
 Building #: 32

Date: 01/08/19 12:31:36 EDT
 User: CofW

City of Winnipeg Water and Waste Dept

Observation Report for Location #3:

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Building #: 32 Building Name: Clifton Lift Station Surveyor: LSC Survey Date: 2009-09-10 Reassessment Date: 2018-06-13 Reassessment Surveyor:													
Location #: 3 Location Name: Motor Room Floor: Basement Level 2 Square Feet: Room #:													
System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete (poured)										None	
Ceiling	All	Concrete (poured)										None	
Wall	All	Concrete (poured)										None	
Structure	Not Found	None Found										None	
Piping	All	Not Insulated		Paint								None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Motor	Not Insulated		Paint								None	

Legend:

Action		Access		Condition		Sample Number	
(1) Clean Up of ACM Debris	(2) Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3) ACM removal	(4) Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5) Proactive ACM removal (Minimum repair required for fair condition)	(6) ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7) Management program and surveillance		D	Not normally accessible or without demolition		NOTE: See report for full definitions of action, access and condition	V9000	Material is known to contain asbestos
						V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets () are auto-calculated. Actions in square brackets [] are manual						Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage



Client: City of Winnipeg Water and Waste Dept
 Site: Lift Stations
 Buildings Name: Clifton Lift Station
 Building #: 32

Date: 01/08/19 12:31:48 EDT
 User: CofW

City of Winnipeg Water and Waste Dept

Observation Report for Location #4:

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Building #: 32 Building Name: Clifton Lift Station Surveyor: LSC Survey Date: 2009-09-10 Reassessment Date: 2018-06-13 Reassessment Surveyor:													
Location #: 4 Location Name: Pump Room Floor: Basement Level 1 Square Feet: Room #:													
System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action			Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor	All	Concrete (poured)										None	
Ceiling	All	Concrete (poured)										None	
Wall	All	Concrete (poured)										None	
Structure	Column	Concrete (poured)										None	
Piping	All	Not Insulated		Paint								None	
Duct	Supply Air	Not Insulated										None	
Mechanical Equipment	Motor	Not Insulated		Paint								None	

Legend:

Action		Access		Condition		Sample Number	
(1) Clean Up of ACM Debris	(2) Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3) ACM removal	(4) Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5) Proactive ACM removal (Minimum repair required for fair condition)	(6) ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7) Management program and surveillance		D	Not normally accessible or without demolition		NOTE: See report for full definitions of action, access and condition	V9000	Material is known to contain asbestos
						V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets () are auto-calculated. Actions in square brackets [] are manual						Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage