

# **APPENDIX 'A'**

## **HOST PIPE CONDITIONS AND INSPECTIONS**

Appendix A - Host Pipe Conditions and Inspections

Asset Number	Drawing Sheet #	Drawing #	Street Name	Location Details	Manholes							Length (m)	Size		Shape	Flow Type	Material	Total # of Sewer Services	Intruding Services					Pre-Lining Prep Work					Required CCTV Inspections																
					Upstream	Depth (m)	Downstream	Depth (m)	Height (mm)	Width (mm)	Description		Quantity (each)	Description					1st 3m (each)	>3 m (m)	Joints (each)	Solid Debris / Other	Description	Quantity (each)	Roots and Grease Removal		Grout Manhole Connection		External Point Repair (EPR) By Contractor		Pre-Repair	Pre-Lining	Post-Lining	Warranty											
																									Description	Description	Description	Description	Length	Description					Length	Description	Description								
S-MA00009951	3	13074	ANDREWS ST(CL)	MH @ ATLANTIC AV TO TEE @ BACKLANE S ATLANTIC AV	N/A	4.25	S-MH00006482	3.81	42.0	300	300	CIRCULAR	LDS	CO-CONCRETE	3	3.6-3.9 M DAE @ 10 US; 5.9 M DAE(( @ 5-7 US; 6.0-6.6 M DAE @ 6 US; 7.2 M DAE(( @ 6 US; 7.8 M DAE(( @ 5-7 US; 7.9-8.3 M DAE @ 5 US; 8.4 M DAE(( @ 5-7 US; 9.0 M DAE(( @ 5-7 US; 9.1-9.6 M DAE @ 5-7 US; 9.7 M DAE(( @ 5-7 US; 9.8-10.2 M DAE @ 5 US; 10.3 M DAE(( @ 5-7 US; 11.1-12.0 M DAE @ 6 US; 12.1 M DAE(( @ 5-7 US; 16.5-17.1 M DAE @ 6 US; 17.2 M DAE(( @ 4-10 US;	1	0.7	9	3.6-3.9 M DAE @ 10 US; 5.9 M DAE(( @ 5-7 US; 6.0-6.6 M DAE @ 6 US; 7.2 M DAE(( @ 6 US; 7.8 M DAE(( @ 5-7 US; 7.9-8.3 M DAE @ 5 US; 8.4 M DAE(( @ 5-7 US; 9.0 M DAE(( @ 5-7 US; 9.1-9.6 M DAE @ 5-7 US; 9.7 M DAE(( @ 5-7 US; 9.8-10.2 M DAE @ 5 US; 10.3 M DAE(( @ 5-7 US; 11.1-12.0 M DAE @ 6 US; 12.1 M DAE(( @ 5-7 US; 16.5-17.1 M DAE @ 6 US; 17.2 M DAE(( @ 4-10 US;											13.4	New manhole required at upstream end of pipe (~41.8m US) with connection of existing backlane LDS. EPR req'd 28.6m US to new US MH with 2 catch basin reconections at 33.5	Yes	Yes	Yes	TBD									
S-MA20017405	4	13075	ARLINGTON ST	3RD MH S OF SARGENT AV TO MH AT ELLICE AV (NPL)	S-MH20015624	4.62	S-MH20015614	5.40	83.5	375	375	CIRCULAR	CS	VC-VITRIFIED CLAY	21	9.8 M TBI @ 10 DS; 10.4 M TBI @ 2 DS;	1	22	9.5 M DAE(( @ 4 & 10 DS; 9.7-9.8 M DAE @ 7-10 DS; 10.1 M DAE(( @ 2 DS; 11.4 M DAE(( @ 7 DS; 14.1 M DAE(( @ 4 DS; 16.8 M DAE @ 2-4 DS; 17.9 M DAE(( @ 9-3 DS; 18.6 M DAE(( @ 9 DS; 19.2 M DAE(( @ 2-4 & 8-10 DS; 19.8 DAE(( @ 10-4 DS; 20.8 M DAE(( @ 9-3 DS; 21.4 M DAE(( @ 7-5 DS; 25.3 M DAE(( @ 7-5 DS; 25.4-25.7 M DAE @ 7-5 DS; 26.0 DAE(( @ 7-5 DS; 27.1 M DAE(( @ 7-11 DS; 27.9 M DAE(( @ 7-9 DS; 28.6 M DAE(( @ 7-5 DS; 30.0 M DAE(( @ 7-5 DS; 35.1 M DAE(( @ 7-5 DS; 46.8-47.4 M DAE @ 8-4 DS; 47.5 M DAE(( @ 9-3 DS; 52.0 M DAE(( @ 3 DS; 61.2 M DAE(( @ 7-11 DS; 65.7 M DAE(( @ 8-4 DS; 74.8 M DAE(( @ 12-3 DS; 82.0 M DAE(( @ 8-12 DS;	1	9.1 M DAGS @ 9 DS; 20.0-20.7 M DAGS @ 8-4 DS; 21.0-21.3 M DAGS @ 9-3 DS;																		No	Yes	Yes	TBD			
S-MA20017323	5	13076	ARLINGTON ST	1ST MH S OF ELLICE AV TO 2ND MH S OF ELLICE AV	S-MH20015550	3.35	S-MH20015546	3.92	116.5	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	36	40.9 M TBI @10 DS; 42.8 M TBI @10 DS; 51.4 M TBI @ 02 DS;	1	5	23.1 M OBI @4-10 DS (REMOVED PRIOR TO LINING); 101.5 M DAE(( @ 8 DS; 106.0 M DAE(( @ 12-11 DS; 107.7 M DAE(( @ 12-12 DS; 108.4 M DAE(( @ 7-1 DS; 113.9 M D DS; DAE(( @ 2-8; 115.4-115 M DAE @7-9 DS;	1	1	1.4 M DAGS @ 10 DS; 71.0 M DAGS @ 4 DS; 111.2 M RML @ 2 DS;	1.3	59.2 to 60.5 D/s with 2 service reconections	Yes	Yes	Yes	TBD																	
S-MA20015032	6	13077	ARLINGTON ST	1ST MH S OF WESTMINSTER AV TO MH AT WESTMINSTER AV	S-MH20012587	5.68	S-MH20013590	5.94	124.0	450	450	CIRCULAR	CS	VC-VITRIFIED CLAY	39	14.5 M TBI @ 2 DS; 31.5 M TBI @ 2 DS;	1	10	1.0 M DSD @ 6 DS (REMOVE CONC PRIOR TO LINING); 6.3 M DAE(( @ 10-2 DS; 6.6 M DAE(( @ 8-12 DS; 7.9-8.2 M DAE @ 8-4 DS; 21.7 M DAE(( @ 12-4 DS; 22.1-22.4 M DAE @ 8-5 DS; 25.6 M DAE(( @ 1-4 DS; 28.6-28.9 M DAE @ 2-5 DS; 35.7-35.9 M DAE @ 8-10 DS; 41.5 M DAE(( @ 9-3 DS; 44.2 M DAE @2-4 DS; 44.6 M DAE(( @ 1-4 DS; 45.3 M DAE(( @ 1-4 DS; 57.4 M DAE(( @ 9-3 DS; 62.1 M DAE(( @ 2-4 DS; 65.7-65.9 M DAE @ 3 DS; 66.1 M DAE(( @ 1-4 DS; 97.7-98.0 DAE @ 12-3 DS;																		No	Yes	Yes	TBD					
S-MA20015297	7	13078	ARLINGTON ST	2ND MH S OF ST PAUL AV TO MH AT PORTAGE AV	S-MH20013791	5.38	S-MH20013780	6.01	84.0	450	450	CIRCULAR	CS	VC-VITRIFIED CLAY	22	19.0 M TBI @ 10 DS; 32.7 M TBI @ 11 DS; 59.0 M TBI @ 2 DS;	1	1	7.8-8.1 M DAE @ 7-10 DS; 16.1-16.4 M DAE @ 1-4 DS; 27.0-27.4 M DAE @7-10 DS; 48.3-49.3 M DAE @ 2-5 DS; 51.0 M DAE @ 8-10 DS; 56.5 M DAE(( @ 3 DS; 64.0 M DAE @ 3 DS;	1		9.6-9.9 M DAGS @7 & 3 DS; 21.8-25.3 M DAGS @ 8 & 4 DS; 26.4-26.9 M DAGS @ 8 DS;	0.7	18.9 to 19.6 D/s	Yes	Yes	Yes	TBD																	
S-MA20015346	8	13079	ARLINGTON ST	1ST MH S OF ST MATTHEWS AV TO MH AT ST PAUL AV	S-MH20013838	4.84	S-MH20013837	5.30	118.0	450	450	CIRCULAR	CS	VC-VITRIFIED CLAY	40	38.5 M TBI @ 10 DS; 87.5 M TBI @ 01 DS;	1	10	6.6 M JAM @ 11 DS; 13.3 M OBM @ 6 DS; 32.8 M DAE(( @ 7 DS; 38.5-38.8 M DAE @ 7-10 DS; 39.5-40.0 M DAE @ 7-5 DS; 52.1 M DAE(( @ 8-4 DS; 52.9 M DAE(( @ 3 DS; 53.7 M DAE(( @ 8-4 DS; 59.6 M DAE(( @ 8-4 DS; 60.4 M DAE(( @ 8-11 DS; 61.3 M DAE(( @ 7-5 DS; 62.0 M DAE(( @ 7-5 DS; 63.6 M DAE(( @ 4 DS; 88.8 M DAE @ 3 DS; 89.4-89.7 M DAE @ 8-10 DS; 94.7-94.9 M DAE @ 7-10 DS;																		No	Yes	Yes	TBD					
S-MA20011875	9	13080	BANNATYNE AV W	MH AT CAMPION ST TO MH AT CECIL ST	S-MH20010814	3.68	S-MH20010796	3.83	68.5	450	450	CIRCULAR	CS	VC-VITRIFIED CLAY	18	25.9 M TBI @ 10 DS; 28.9 M DAE @ 8 DS;	1	1	42.1 M RMI @ 5 DS; 42.7 M RMI @ 4-8 DS; 49.5 M RMI @ 488 DS; 44.1 M RMI @ 8 DS; 44.6 M RMI @ 4 DS; 45.0 M RMI @ 2 DS; 45.3 M RMI @ 4 DS; 45.9 M RMI @ 4 DS; 47.1 M RMI @ 488 DS; 47.8 M RMI @ 8 DS; 48.4 M RMI @ 488 DS; 49.1 M RMI @ 488 DS; 49.8 M RMI @ 488 DS; 50.4 M RMI @ 488 DS; 51.1 M RMI @ 9 DS; 51.7 M RMI @ 488 DS; 52.8 M RMI @ 8 DS; 53.2 M RMI @ 488 DS; 54.2 M RMI @ 4 DS; 54.8 M RMI @ 4 DS; 55.5 M RMI @ 488 DS; 56.1 M RMI @ 4 DS; 56.6 M RMI @ 488 DS; 58.0 M RMI @ 488 DS; 58.7 M RMI @ 488 DS; 59.3 M RMI @ 8 DS; 61.8 M RMI @ 9 DS; 62.4 M RMI @ 10 DS;																			6.5	35.0 to 41.5 D/s with 3 service reconections	Yes	Yes	Yes	TBD		
S-MA70044305	10	13081	DUNDURN PL	1ST MH W OF MARYLAND ST TO MH AT MARYLAND ST	S-MH20012968	3.58	S-MH20012988	7.95	80.0	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	22	18.5 M TBI @ 2 DS; 34.6 M TBI @ 2 DS;	1	0.2	8	2.1-2.7 M DAE @ 7-5 DS; 2.9 M DAE(( @ 8 DS; 16.3-16.8 M DAE @ 7-10 DS; 19.1 M DAE @ 7-9 DS; 20.8 M DAE(( @ 8 DS; 26.4 M DAE(( @ 7-10 DS; 26.7 M DAE @ 7-10 DS; 33.9 M DAE @ 7-9 DS; 36.9 M DAE(( @ 2-4 DS; 38.2 M DAE(( @ 9-12 DS; 42.2 M DAE @ 9-3 DS; 64.9 M DAE(( @ 9-3 DS; 68.1 M DAE(( @ 1-4 DS; 68.3-70.0 M DAE @ 8-5 DS; 79.5 M DAE(( @ 9-3 DS;																					No	Yes	Yes	TBD	
S-MA20009354	11	13082	ERIN ST	2ND MH N ELLICE AV - 3RD MH N ELLICE AV	S-MH20008560	3.24	S-MH20008594	3.44	109.5	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	34	27.8 M TBI @ 3 DS; 28.9 M TBI @ 2 DS; 35.2 M TBI @ 10 DS;	1	11	0.3-0.6 M DAE @ 4 DS; 4.7 M DAE @ 3-5 DS; 5.1 DAE(( @ 10-5 DS; 5.7 M DAE(( @ 7 DS; 7.6 M DAE(( @ 4 DS; 8.5 M DAE(( @ 4 DS; 9.4 M DAE(( @ 4 DS; 12.5 M DAE @ 4 DS; 12.8 M DAE(( @ 4 DS; 20.0 M DAE(( @ 5 DS; 35.1-35.3 M DAE 7 DS; 43.3 M DAE(( @ 1-4 DS; 51.2-51.9 DAE @ 2-5 DS; 54.8-55.1 DAE @ 3-5 DS; 77.3 M DAE(( @ 4 DS; 82.9 M DAE(( @ 7-9 DS; 82.8 M DAE @ 4 DS; 96.5 M DAE @ 7 DS; 98.7 M DAE @ 7 DS; 101.3 M DAE(( @ 4 DS;	1		101.0-103.4 M DAGS @ 8 & 4 DS;	N/A	29.3 to 29.9 D/s with 1 service reconection (Completed in 2022 by Others)	Yes	Yes	Yes	TBD																	
S-MA20010020	12	13083	ERIN ST	2ND MH S WELLINGTON AV - 3RD MH S WELLINGTON AV	S-MH20009149	2.95	S-MH20008613	3.27	93.5	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	30		1	21	11.2 M DAE(( @ 10 DS; 12.8 M DAE(( @ 10 DS; 13.5 M DAE(( @ 8 DS; 15.2-15.5 DAE @ 7-10 DS; 17.0 M DAE(( @ 10 DS; 19.4 M DAE(( @ 9-11 DS; 28.3 M DAE(( @ 7-2 DS; 28.6 M DAE @ 8 DS; 29.0 M DAE(( @ 8 DS; 33.4 M DAE(( @ 9-12 DS; 38.1 M DAE @ 9-12 DS; 43.1-43.6 DAE @ 6-10 DS; 49.4 M DAE(( @ 8 DS; 50.2 M DAE(( @ 9-5 DS; 50.9 M DAE(( @ 8-11 DS; 53.2 M DAE(( @ 7-12 DS; 53.9 M DAE(( @ 7-5 DS; 54.4 M DAE(( @ 8-10 DS; 55.2 M DAE(( @ 12-12 DS; 56.8 M DAE(( @ 9 DS; 62.6 M DAE(( @ 8-4 DS; 63.3 M DAE(( @ 8-2 DS; 64.1-64.5 DAE @ 2-10 DS; 64.8-65.4 M DAE @ 1-11 DS; 65.8 M DAE(( @ 7-5 DS; 73.1 DAE(( @ 3 DS; 75.6 M DAE(( @ 8-4 DS; 77.4-77.6 M DAE @ 7-9 DS;																							No	Yes	Yes	TBD
S-MA20011301	13	13084	ERIN ST	1ST MH S OF ST MATTHEWS AV-MH@ST MATTHEWS AV	S-MH20010293	4.04	S-MH20008368	4.45	93.5	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	20	35.6 M TBI @ 2 DS; 56.7 M TBI @ 12 DS;	1	11	2.2-2.5 M DAE @ 6-10 DS; 11.2 M DAE(( @ 3-5 DS; 11.8 M DAE(( @ 1-7 DS; 12.4 M DAE(( @ 4 DS; 18.4-18.6 M DAE @ 4 DS; 19.2 M DAE(( @ 1-10 DS; 19.8 M DAE(( @ 2-11 DS; 20.4 M DAE(( @ 7-5 DS; 28.5 M DAE @ 2-5 DS; 32.5 M DAE @ 8 DS; 33.5-33.8 M DAE @ 7-9 DS; 35.4 M DAE @ 3-5 DS; 48.4 M DAE(( @ 7-10 DS; 48.3 M DAE @ 7-9 DS; 56.2 M DAE(( @ 8 DS; 55.5-55.9 M DAE @ 9-4 DS; 56.0 M DAE @ 7-10 DS; 56.6-57.0 M DAE @ 7-5 DS; 57.1 M DAE(( @ 8-4 DS; 76.8 M DAE(( @ 4 DS; 82.6 M DAE @ 1-6 DS; 86.7 M DAE(( @ 4 DS;	1		13.2-15.8 M DAGS @ 8-3 DS; 71.5 M DAGS @ 9 DS;																			No	Yes	Yes	TBD	
S-MA20015035	14	13085	EVANSON ST	1ST MH N OF WOLSELEY AV TO MH AT WESTMINSTER AV	S-MH20012570	5.32	S-MH20013591	5.94	123.0	450	450	CIRCULAR	CS	VC-VITRIFIED CLAY	26	2.0 M TBI @ 2 DS;	1	3	2.0 M DAE(( @ 2-5 DS; 11.4 M DAE(( @ 7-4 DS; 49.8 M DAE @ 2-4 DS; 50.5-51.0 M DAE @ 7-5 DS; 59.3-60.5 M DAE @ 1-5 DS; 64.7 M DAE(( @ 1-4 DS; 65.0 M DAE @ 2-5 DS; 79.0 M DAE(( @ 1-4 DS;	1		8.9 M DAGS @ 4 DS;	0.8	8.4 to 9.2 D/s with 2 service reconections	Yes	Yes	Yes	TBD																	
S-MA20015364	15	13086	HOME ST	MH AT PRESTON AV (S LEG) TO MH AT PRESTON AV (N LEG)	S-MH20013854	4.74	S-MH20013154	4.57	42.0	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	10	22.4 M TBI @ 10 DS;	1	1	2.1 M DAE(( @ 3 DS;																						13.7-17.2 D/s with 1 service reconection. 23.7-26.8 D/s with 3 service reconections.	Yes	Yes	Yes	TBD
S-MA20017308	16	13087	HOME ST	2ND MH S OF ELLICE AV TO 3RD MH S OF ELLICE AV	S-MH20015652	3.77	S-MH20015430	4.16	86.0	375	375	CIRCULAR	CS	VC-VITRIFIED CLAY	25	13.4 M TBI @ 2 DS; 14.7 M TBI @ 2 DS; 49.5M TBI @ 10 DS;	1	1.9	11	12.1 M DAE @ 2-5 DS; 12.7-13.1 M DAE @ 7-5 DS; 14.5-14.9 M DAE @ 2-5 DS; 29.2-29.4 M DAE @ 1-5 DS; 31.1 M DAE @ 6-9 DS; 31.6-31.9 M DAE @ 3-9 DS; 33.6-34.4 M DAE @ 7-10 DS; 34.9-35.1 M DAE @ 8 DS; 43.7 M DAE @ 1-4 DS; 44.2 M DAE @ 9-4 DS; 45.1 M DAE @ 8-12 DS; 45.6-46.1 M DAE @ 8-12 DS; 46.2-47.1 M DAE @ 12-4 DS; 49.5 M DAE @ 7-10 DS; 50.6 M DAE(( @ 8 DS; 53.0 M DAE(( @ 12-5 DS; 53.7-54.0 M DAE @ 2-10 DS; 59.9 M DAE(( @ 7-5 DS; 60.5 M DAE(( @ 1-5 DS; 61.8 M DAE(( @ 1-4 DS; 62.5 M DAE(( @ 7-10 DS; 63.1 M DAE(( @ 10 DS; 67.6-67.9 M DAE @ 7-5 DS; 68.1 M DAE(( @ 8-4 DS; 70.1-70.3 M DAE @ 7-5 DS; 70.6-70.9 M DAE @ 7-5 DS; 71.3 M DAE(( @ 8-4 DS; 71.9 M DAE(( @ 1-4 DS; 75.6 M DAE(( @ 2-4 DS;	1		2.3-3.7 M DAGS @ 488 DS; 5.3-6.1 M DAGS @ 9 & 3 DS; 26.6-26.9 M DAGS @ 488 DS; 36.8-38.8 M DAGS @ 8 DS; 37.4-38.6 M DAGS @ 4 DS; 63.8-64.5 M DAGS @ 4 DS; 66.8-73.3 M DAGS @ 488 DS; 74.3-85.2 M DAGS @ 488 DS;	2.5	11.4-13.9 D/s w/ 2 service reconections.	Yes	Yes	Yes	TBD																
S-MA20015031	17	13088	HOME ST (CL)	2ND MH N OF WOLSELEY AV TO MH AT WESTMINSTER AV	S-MH20012606	5.65	S-MH20013600	5.98	123.0	450	450	CIRCULAR	CS	VC-VITRIFIED CLAY	28	50.4 M TBI @ 2 DS; 62.3 M TBI @ 2 DS; 111.7 M TBI @ 10 DS;	1	0.1	2	27.1 M DAE(( @ 10 DS; 49.7-50.4 M DAE @ 3 DS; 51.3 M DAE @ 10 DS; 57.9 M DAE @ 7 DS; 62.9 M DAE(( @ 7 DS; 91.1-92.1 M DAE @ 2-4 DS; 99.5 M DAE @ 7 DS; 107.4-108.4 M DAE @ 4 DS; 122.6 M DAE @ 7 DS;	1		68.4-69.4 M DAGS @ 488 DS;	2.2; 2.0; 0.6	0.0 to 2.2 with 1 service reconection. 68.8 to 70.6 with 2 service reconections. 89.3 to 89.9 with 1 service reconection.	Yes	Yes	Yes	TBD																
S-MA00007618	18	13089	KEEWATIN ST	1ST LDS MH S SELKIRK AV (M) - LDS MH @ SELKIRK AV (M) SPL	S-MH00007604	2.74	S-MH00007612	2.90	55.0	300	300	CIRCULAR	LDS	CO-CONCRETE	3	11.4 M TBI @ 10 DS; 12.7 M TBI @ 2 DS;	1	4.1	8	0.8 M DAE @ 4 DS; 2.6 M DAE @ 7 DS; 5.6 M DAE @ 7 DS; 8.4-8.7 M DAE @ 6 DS; 13.7 M OBI @ 3-5 DS; 14.9 M OBI @ 10-2 DS; 1.4-7.6 M DAE @ 488 US; 5.3 M DAE(( @ 7-5 US; 8.4 M DAE @ 4 US; 8.0-10.0 M DAE @ 785 US; 16.4 M DAE(( @ 2-10 US; 22.6 M DAE(( @ 1-11 US; 25.1 M DAE(( @ 7-5 US; 28.8 M DAE(( @ 7-5 US; 32.9 M DAE @ 488 US; 37.4 M DAE(( @ 7-11 US; 38.5 M OBN @ 6 US;	1		4.8-5.2 M DAGS @ 10 US;																No	Yes	Yes	TBD			
S-MA20011862	19	13090	LINCON AV(I)	1ST MH W OF CECIL ST TO MH AT CECIL ST	S-MH20010866	3.81	S-MH20010802	3.93	97.5	375	375	CIRCULAR	CS	VC-VITRIFIED CLAY	29	40.6 M TBI @ 2 DS; 42.1 M TBI @ 10 DS; 42.6 M TBI @ 10 DS; 44.0 M TBI @ 2 DS; 46.4 M TBI @ 1 DS; 74.0 M TBI @ 2 DS;	1	2	0.3 M DAE (IN MH BOTTOM) DS; 8.5 M DAE @ 8 DS; 12.3-13.3 DAE @ 488 DS; 26.2 M DAE(( @ 4 DS; 73.0 M DAE(( @ 7 DS;	1		11.8 M RML @ 2 DS; 12.3 M RBL @ 10 DS; 19.8 M RML @ 10 DS; 34.6 M RBL @ 10 DS; 41.9 M RMI @ 9 DS; 49.7-50.0 M DAGS @ 4 DS; 50.1 M RBL @ 2 DS; 50.8 M RBL @ 10 DS; 63.8 M DAGS @ 4 DS; 64.7 M RMI @ 2 DS; 91.9-93.8 M DAGS @ 11 & 1 DS;																	No	Yes	Yes	TBD			
S-MA20014363	20	13091	MARYLAND ST	1ST MH N OF PURCELL AV TO MH AT ALLOWAY AV	S-MH20012984	3.17	S-MH20012981	4.32	73.5	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	16	3.4 M TBI @ 2 DS; 8.8 M TBI @ 10 DS; 24.8 M TBI @ 2 DS; 40.4 M TBI @ 2 DS; 42.2 M TBI @ 10 DS;	1	2	6.3-6.5 M DAE @ 7-10 DS; 6.6 M DAE(( @ 2 DS; 47.6 M DAE(( @ 7-5 DS; 62.9-63.3 M DAE @ 3-6 DS;	1		5.1-56.4 M DAGS @ 12 DS; 57.8-58.9 M DAGS @ 10-2 DS; 60.7-72.9 M DAGS @ 10-2 DS;													No	Yes	Yes	TBD							
S-MA20013686	21	13092	MIDDLE GT	1ST MH N OF BLANCHARD AV TO 2ND MH N OF BLANCHARD AV	S-MH20012395	4.38	S-MH20012419	6.70	99.0	375	375	CIRCULAR	CS	VC-VITRIFIED CLAY	19	48.1 M TBI @ 10 DS;	1	1	13.3 M DAE @ 4 DS; 47.4 M OBI @ 10 DS; 67.7 M DAE(( @ 3 DS; 90.1 M DAE @ 3 DS;	1		55.2 M DAGS @ 2 DS; 67.1 M DAGS @ 3 DS; 92.7-97.5 M DAGS @ 488 DS;													No	Yes	Yes	TBD							
S-MA00000416	22	13093	MURRAY AV(S OF CL)	1ST MH E OF FROG PLAIN WY TO 1ST MH W OF MAIN ST	S-MH00000354	4.95	S-MH00000371	5.75	112.5	250	250	CIRCULAR	WWS	CO-CONCRETE	5	50.0 M TBI @ 2 DS;	1	4.6	2	9.5 M DAE @ 3 DS; 71.2-71.5 M DAE @ 488 DS; 79.6 M DAE @ 2-5 DS;																									

Appendix A - Host Pipe Conditions and Inspections

Sewer Details														Pre-Lining Prep Work											Required CCTV Inspections											
Asset Number	Drawing Sheet #	Drawing #	Street Name	Location Details				Manholes				Length (m)	Size		Shape	Flow Type	Material	Total # of Sewer Services	Intruding Services				Solid Debris / Other				Roots and Grease Removal		Grout Manhole Connection		External Point Repair (EPR) By Contractor		Pre-Repair	Pre-Lining	Post-Lining	Warranty
				Upstream	Depth (m)	Downstream	Depth (m)	Depth (m)	Height (mm)	Width (mm)	Quantity (each)		Description	1st 3m (each)					>3 m (m)	Joints (each)	Description	Quantity (each)	Description	Quantity (each)	Description	Length	Description									
S-MA00012620	25	13096	RUPERTSLAND AV	1ST MH E AIKINS ST TO MH @ AIKINS ST				S-MH00011282	3.42	S-MH00011286	4.90	98.5	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	19	3	16.2 M TBI @ 10 DS; 38.8 M TBI @ 10 DS; 90.2 M TBI @ 10 DS;	1		10	0.4-1.0 M DAE @ 488; 1.5 M DAE @ 2-9 DS; 1.8 M DAE @ 4-8 DS; 2.4-3.1 M DAE @ 3-6 DS; 2.5 M DAE @ 3-9 DS; 4.3 M DAE @ 4 DS; 4.8 M DAE @ 7 DS; 5.8 M DAE @ 4 DS; 6.2 M DAE @ 4 DS; 7.5-7.9 M DAE @ 488 DS; 13.1 M DAE @ 8-10 DS; 13.6 M DAE @ 7 DS; 36.8 M DAE @ 4-8 DS; 39.2 M DAE @ 3 DS; 42.3 M DAE @ 7 DS; 46.9 M DAE @ 7-9 DS; 52.4 M DAE @ 9 DS; 53.3-53.5 DAE @ 7-9 DS; 65.7 M DAE @ 8-10 DS; 67.3 M DAE @ 7-9 DS; 70.5 M DAE @ 7 DS; 71.2 M DAE @ 9 DS; 90.3 M DAE @ 10 DS;	1	85.5 M RMC @ 3 DS;			3.9	8.8 to 12.7 D/S w/ 1 service reconnection	Yes	Yes	Yes	TBD		
S-MA20005946	26	13097	SHARP BV	1ST MH S OF NESS AV TO 2ND MH S OF NESS AV				S-MH20005488	2.15	S-MH20005460	2.98	87.0	225	225	CIRCULAR	CS	VC-VITRIFIED CLAY	8	2	17.2 M TBI @ 9 DS; 80.0 M TBI @ 9 DS;	1		11	2.9-3.4 M DAE @ 8-11 DS; 3.6-4.1 M DAE @ 9 DS; 4.2 M DAE @ 3-9 DS; 8.1 M DAE @ 10 DS; 16.0 M DAE @ 4 DS; 17.6 M DAE @ 7-5 DS; 19.2 M DAE @ 9 DS; 21.0 M DAE @ 7 DS; 23.9 M DAE @ 7-5 DS; 24.7 M DAE @ 7 DS; 26.2 M DAE @ 9-5 DS; 29.4 M DAE @ 7-5 DS; 30.2 M DAE @ 9-4 DS; 35.1 M DAE @ 7-9 DS; 36.4 M DAE @ 10 DS;	1	5.8-6.9 M DAGS @ 9 DS; 6.5 M RMI @ 4 DS; 7.3 M RFI @ 8-4 DS; 8.1 M RMI @ 8-4 DS; 8.9 M RMI @ 7-5 DS; 10.5 M RFI @ 7-5 DS; 11.3 M RMI @ 7 DS; 16.0 M RMI @ 5 DS; 38.8 M RMI @ 4 DS; 39.6 M RMI @ 7 DS; 47.3 M RFI @ 4 DS; 50.5 M RMI @ 3-7 DS; 51.3 M RMI @ 3-9 DS; 52.1 M RMI @ 12-4 DS; 52.9 M RMI @ 8-4 DS; 53.6 M RMI @ 8-4 DS; 54.4 M RMI @ 8-4 DS; 55.2 M RMI @ 3-5 DS; 56.0 M RFI @ 8-4 DS; 56.8 M RFI @ 7 DS; 58.3 M RMI @ 7-1 DS; 59.9 M RFI @ 3-5 DS; 60.7 M RMI @ 4 DS; 61.5 M RMI @ 5-9 DS; 62.2 M RMI @ 7-5 DS; 64.6 M RMI @ 4 DS; 66.9 M RMI @ 7-12 DS; 68.5 M RMI @ 3-5 DS; 69.3 M RFI @ 8-4 DS; 70.0 M RFI @ 4-9 DS; 70.8 M RFI @ 5-7 DS; 72.4 M RMI @ 8-4 DS; 74.0 RFI @ 8 DS; 74.8 M RFI @ 4 DS; 75.6 RFI @ 8 DS; 82.6 M RFI @ 8 DS;						No	Yes	Yes	TBD	
S-MA00012466	27	13098	SINCLAIR ST	MH AT BANNERMAN AV TO PLUG N OF BANNERMAN AV				S-MH70076301	2.36	S-MH00010781	2.92	41.5	300	300	CIRCULAR	LDS	CO-CONCRETE	0			1	4	19	5.4 M DAE @ 5-7 DS; 5.8 M DAE @ 3-8 DS; 6.5 M DAE @ 5 DS; 7.4 M DAE @ 3-9 DS; 8.3 M DAE @ 3-9 DS; 8.6 M DAE @ 5 DS; 8.9 M DAE @ 3-9 DS; 9.7 M DAE @ 3-9 DS; 10.4 M DAE @ 3-9 DS; 11.3 M DAE @ 3-9 DS; 11.7 M DAE @ 5 DS; 12.0 M DAE @ 3-9 DS; 12.7 M DAE @ 5 DS; 12.8 M DAE @ 4-8 DS; 13.0-13.4 M DAE @ 5-7 DS; 13.5 M DAE @ 4-9 DS; 13.7-14.8 M DAE @ 6 DS; 14.4 M DAE @ 4-8 DS; 15.3 M DAE @ 4-9 DS; 15.5-17.0 M DAE @ 5 DS; 15.9 M DAE @ 5-9 DS; 16.7 M DAE @ 4-8 DS; 17.6 M DAE @ 8 DS; 18.2 M DAE @ 5 DS; 21.3 M DAE @ 4-8 DS; 22.9 M DAE @ 4 DS; 23.6 M DAE @ 4 DS; 25.2 M DAE @ 488 DS; 27.7 M DAE @ 8 DS; 28.5 M DAE @ 8 DS; 30.0-32.0 M DAE @ 3-7 DS;					No	Yes	Yes	TBD				
S-MA00012467	27	13098	SINCLAIR ST	1ST MH S OF BANNERMAN AV. TO MH AT BANNERMAN AV.				S-MH70076302	2.45	S-MH00010781	2.92	14.0	300	300	CIRCULAR	LDS	CO-CONCRETE	0			1										No	Yes	Yes	TBD		
S-MA20017175	28	13099	ST MATTHEWS AV	MH AT BURNELL ST(EPL) TO MH AT ARLINGTON ST				S-MH20015406	3.40	S-MH20015409	4.52	102.0	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	33	3	26.5 M TBI @ 10 DS; 42.4 M TBI @ 10 DS; 88.2 M TBI @ 2 DS;	1	0.4	3	0.6-2.7 M DAE @ 4-8 DS;	1	44.5 M DAGS @ 5.87 DS; 44.8 M DAGS @ 5 DS;					No	Yes	Yes	TBD		
S-MA20015491	29	13100	TORONTO ST	MH AT PORTAGE AV (NPL) TO MH AT PORTAGE AV (N OF CL)				S-MH20013974	5.17	S-MH20013975	5.49	21.5	375	375	CIRCULAR	CS	VC-VITRIFIED CLAY	2			1		2	3.9 M DAE @ 3-5 DS; 4.1 M DAE @ 6-8 DS; 13. M DAE @ 3 DS;							No	Yes	Yes	TBD		
S-MA20009480	30	13101	WALL ST	1ST MH S OF ELLICE AV TO 2ND MH S OF ELLICE AV				S-MH20008674	3.40	S-MH20008644	4.14	86.0	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	18			1	3.1	17	3.2 M DAE @ 6 DS; 3.1-6.4 M DAE @ 38.0 DS; 6.7 M DAE @ 7 DS; 7.6 M DAE @ 7 DS; 10.7 M DAE @ 7 DS; 11.5-11.9 M DAE @ 7 DS; 13.1 M DAE @ 7 DS; 13.4 M DAE @ 7 DS; 16.4-16.7 M DAE @ 3-6 DS; 31.0 M DAE @ 7-12 DS; 35.6 M DAE @ 9-3 DS; 36.0-36.3 M DAE @ 3 DS; 48.3 M DAE @ 9-3 DS; 50.2 M DAE @ 9-11 DS; 51.7-54.3 M DAE @ 7-9 DS; 54.5 M DAE @ 8 DS; 55.2 M DAE @ 1-4 DS; 59.7 M DAE @ 7-5 DS; 61.4 M DAE @ 8 DS; 64.2-64.6 M DAE @ 7-9 DS; 68.4 M DAE @ 3-5 DS; 69.3 M DAE @ 488 DS; 73.0 M DAE @ 3-5 DS; 76.2 M DAE @ 7-11 DS; 77.0 M DAE @ 2-10 DS; 77.4-77.9 M DAE @ 8-1 DS; 77.9 M DAE @ 7-5; 78.9 DAE @ 5 DS; 79.7 M DAE @ 7-5 DS;	1	28.0-28.3 M DAGS @ 8 DS; 78.3-78.8 M DAGS @ 4.8 DS;			80.6 to 86.0 D/S (EPR Completed in 2021 By Others)	No	Yes	Yes	TBD			
S-MA20013976	31	13102	WALNUT ST	MH AT WOLSELEY AV (CL) TO MH AT WOLSELEY AV (N PL)				S-MH20012658	4.95	S-MH20012661	5.10	11.5	375	375	CIRCULAR	CS	VC-VITRIFIED CLAY	0			1			9.7-10.0 M DAE @ 8-4 DS;					2.8	0.0 to 2.8 D/S	Yes	Yes	Yes	TBD		
S-MA20013978	32	13103	WOLSELEY AV	2ND MH W OF MARYLAND ST TO MH AT WALNUT ST				S-MH20012666	3.67	S-MH20012658	4.95	112.0	300	300	CIRCULAR	CS	VC-VITRIFIED CLAY	27	2	69.9 M TBI @ 12 DS; 74.3 M TBI @ 10 DS;	1		5	30.4 M DAE @ 1-3 DS; 51.7 M DAE @ 2 DS; 53.8 M DAE @ 3 DS; 54.7 M DAE @ 5 DS; 55.4 M DAE @ 1-4 DS; 64.2 M DAE @ 5 DS; 69.9-70.1 M DAE @ 93 DS; 70.2 M DAE @ 8 DS; 94.1-94.4 M DAE @ 7-5 DS; 105.3 M DAE @ 5 DS;			1.8	58.4 to 60.2 D/S	Yes	Yes	Yes	TBD				
S-MA00000530	33	13104	WOODBINE AV	2ND MH E OF DONAN ST TO 3RD MH E OF DONAN ST.				S-MH00000445	5.65	S-MH00000444	5.85	97.5	250	250	CIRCULAR	WWS	CO-CONCRETE	9	4	28.1 M TBI @ 12 DS; 29.3 M TBI @ 12 DS; 59.6 M TBI @ 10 DS; 73.3 M TBI @ 12 DS;	1		16	26.8 M DAE @ 3 DS; 36.0 M DAE @ 2-4 DS; 37.9 M DAE @ 3-5 DS; 39.1 M DAE @ 7-4 DS; 42.1 M DAE @ 2-4 DS; 43.6 M DAE @ 7-4 DS; 45.2 M DAE @ 7-4 DS; 51.3 M DAE @ 1-5 DS; 52.7 M DAE @ 8.84 DS; 54.3 M DAE @ 8-4 DS; 55.9 M DAE @ 8-4 DS; 58.9 M DAE @ 8 DS; 63.6-64.1 M DAE @ 8-4 DS; 65.0 M DAE @ 8-4 DS; 69.6 M DAE @ 5.87 DS; 81.8 M DAE @ 7.85 DS; 86.3 M DAE @ 9.83 DS; 87.9 M DAE @ 9.84 DS; 93.1-94.0 M DAE @ 7 DS;	1	31.2 M DAGS @ 5.87 DS;				No	Yes	Yes	TBD			
S-MA00000428	34	13105	WOODBINE AV	3RD MH W OF DONAN ST TO 2ND MH W OF DONAN ST				S-MH00000357	3.82	S-MH00000363	4.55	96.5	250	250	CIRCULAR	WWS	CO-CONCRETE	18	3	57.8 M TBI @ 1 DS; 60.6 M TBI @ 10 DS; 83.4 M TBI @ 11 DS;	1	1.4	1	0.7-2.2 M DAE @ 8.84 DS; 2.2-2.7 M DAE @ 5 DS; 3.6 M DAE @ 8 DS; 8.7-9.9 M DAE @ 7-5 DS; 10.5 M DAE @ 3-5 DS; 25.4-25.8 M DAE @ 7-10 DS; 41.5 M DAE @ 2-4 DS; 42.9-43.3 M DAE @ 7-5 DS; 44.4-44.7 M DAE @ 8-4 DS; 62.8 M DAE @ 7-9 DS; 73.1 M DAE @ 8-4 DS; 79.4-79.7 M DAE @ 11-5 DS; 79.7-80.1 M DAE @ 3-5 DS;	1	85.9-91.6 M DAGS @ 9.83 DS; 91.9-95.7 M DAGS @ 10 & 2 DS;			3.1	56.2-59.3 D/S w/ 1 service	Yes	Yes	Yes	TBD		