



Inspection report

Date: 5/17/2022	Work Order:	Weather: Dry	Surveyed By: Steven Bucklin	Certificate Number: U-0819-70306510	Pipe Segment Ref.: MH060097-MH060115
Year laid:	Pre-cleaning: No Pre-Cleaning	Direction: Upstream	Pipe Joint Length:	Total Length:	Length Surveyed:

City: City of Superior	Drainage Area:	Upstream MH: MH060115
Street: BTW ROYALTON & WINDSOR AND BTW	Media Label: 1111	Up Rim to Invert: 0.0
Location Code: Easement/Right of way	Flow Control: Not Controlled	Downstream MH: MH060097
Location Details:	Sheet Number: 19	Down Rim to Invert: 0.0
Pipe shape: Circular	Sewer Use: Combined Pipe	Total gallons used: 0.0
Pipe size: 12	Sewer Category: SEC	Joints passed: 0
Pipe material: Vitrified Clay Pipe	Purpose: Routine Assessment	Joints failed: 0
Lining Method: None	Owner: City of Superior	

Additional Info:

1:1520	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / MH060097	00:00:02	MH060097 -MH06011 5_355d87	
	0.0	MWL	Water Level, 5% of the vertical dimension	00:01:39	MH060097 -MH06011 5_6b523d	
	2.2	JOMD	Joint Offset Medium Defective	00:03:10	MH060097 -MH06011 5_399a07	S3
	2.2	RFJ	Roots Fine Joint from 3 o'clock to 4 o'clock, within 8 inch	00:03:32	MH060097 -MH06011 5_dd6e55	M1
	2.2	FM	Fracture Multiple from 2 o'clock to 9 o'clock, within 8 inch	00:04:29	MH060097 -MH06011 5_55aa87	S4
	2.2 S01	LL	Line Left, change to: 20%, Start	00:04:54	MH060097 -MH06011 5_af87443	
	2.2 S02	JAL	Joint Angular Large, Start	00:02:56	MH060097 -MH06011 5_e61217	
	2.3	RFJ	Roots Fine Joint from 12 o'clock to 2 o'clock, within 8 inch	00:06:04	MH060097 -MH06011 5_c228d84	M1
	2.5	CS	Crack Spiral from 12 o'clock to 1 o'clock, within 8 inch	00:06:47	MH060097 -MH06011 5_8c33e49	S2
	4.0	ISGT	Intruding Sealing Material Grout, 5% of cross sectional area from 2 o'clock to 4 o'clock	00:07:24	MH060097 -MH06011 5_97eb14	M2
	5.9 F01	LL	Line Left, change to: 20%, Finish	00:07:49	MH060097 -MH06011 5_718ce27	M2
	11.3	CM	Crack Multiple from 11 o'clock to 2 o'clock, within 8 inch	00:08:50	MH060097 -MH06011 5_9ce6efc	S3
	11.4 S03	RFJ	Roots Fine Joint from 8 o'clock to 4 o'clock, Start, within 8 inch	00:09:24	MH060097 -MH06011 5_c3a35c3	
	13.1 S04	LL	Line Left, change to: 50%, Start	00:09:50	MH060097 -MH06011 5_7e8a9d	
	16.5 S05	CM	Crack Multiple from 7 o'clock to 5 o'clock, within 8 inch, Start	00:10:25	MH060097 -MH06011 5_41ae34	
	17.9 S06	DSF	Deposits Settled Fine, 5% of cross sectional area from 5 o'clock to 7 o'clock, within 8 inch, Start	00:10:48	MH060097 -MH06011 5_fef4963	



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1:1520	Distance	Code	Observation	Counter	Photo	Grade
	27.7	MWL	Water Level, 15% of the vertical dimension	00:12:14	MH060097 -MH06011 5_983641	
	28.0	F04 LL	Line Left, change to: 50%, Finish	00:12:30	MH060097 -MH06011 5_4d2978	M4
	28.0	F02 JAL	Joint Angular Large, Finish	00:12:37	MH060097 -MH06011 5_a68312	S4
	36.6	S07 B	Broken from 12 o'clock to 12 o'clock, within 8 inch, Start	00:13:36	MH060097 -MH06011 5_4f90ee0	
	36.6	F05 CM	Crack Multiple from 7 o'clock to 5 o'clock, within 8 inch, Finish	00:13:49	MH060097 -MH06011 5_33547d	S3
	40.1	JSL	Joint Separated Large	00:14:37	MH060097 -MH06011 5_1964b5	S4
	73.6	S08 MWLS	Miscellaneous Water Level, Sag, 15% of the vertical dimension, Start	00:16:49	MH060097 -MH06011 5_44b7b4c	
	84.6	JOMD	Joint Offset Medium Defective	00:17:44	MH060097 -MH06011 5_677fc40	S3
	87.9	JOMD	Joint Offset Medium Defective	00:18:28	MH060097 -MH06011 5_42dfa27	S3
	89.5	RFB	Roots Fine Barrell at 10 o'clock	00:19:00	MH060097 -MH06011 5_5a7f03e	M2
	89.5	ISB	Infiltration Stain Barrel from 8 o'clock to 10 o'clock	00:19:10	MH060097 -MH06011 5_1ce4797	M1
	90.6	F08 MWLS	Miscellaneous Water Level, Sag, 15% of the vertical dimension, Finish	00:19:32	MH060097 -MH06011 5_1e4c6f2	S2
	94.5	S09 MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:19:54	MH060097 -MH06011 5_146522	
	95.2	TFD	Tap Factory Made Defective at 12 o'clock, dia/height: 6inch, within 8 inch / TAP BROKEN. CAPPED.	00:20:30	MH060097 -MH06011 5_d27f73a	M3
	96.9	TFD	Tap Factory Made Defective at 12 o'clock, dia/height: 6inch, within 8 inch / TAP BROKEN. CAPPED.	00:20:52	MH060097 -MH06011 5_c1b0bb5	M3
	113.1	JOMD	Joint Offset Medium Defective	00:22:15	MH060097 -MH06011 5_bcf8287	S3
	120.8	TBI	Tap Break-In Intruding at 1 o'clock, dia/height: 4inch, intruding: 1inch / CONSTANTLY DRIPPING WATER.	00:23:32	MH060097 -MH06011 5_791e8f7	M2
	127.5	F09 MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:24:10	MH060097 -MH06011 5_0f76eb0	S2
	131.3	S10 MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Start	00:24:34	MH060097 -MH06011 5_1ded8d	
	139.0	F10 MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Finish	00:25:13	MH060097 -MH06011 5_38aba8	S2



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1:1520	Distance	Code	Observation	Counter	Photo	Grade	
	154.9	S11	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:26:14	MH060097 -MH06011 5_f2f283c	
	175.3	F11	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:27:30	MH060097 -MH06011 5_c632d29	S2
	175.3	S12	DR	Deformed Rigid, change to: 15%, Start	00:27:39	MH060097 -MH06011 5_cf9ba60	
	180.1		SMW	Surface Damage Missing Wall from 1 o'clock to 2 o'clock	00:28:14	MH060097 -MH06011 5_4aa86e	S5
	182.0	S13	BSV	Broken Soil Visible from 12 o'clock to 12 o'clock, within 8 inch, Start	00:28:56	MH060097 -MH06011 5_cec7ddc	
	185.6		SMW	Surface Damage Missing Wall from 4 o'clock to 6 o'clock, within 8 inch	00:29:52	MH060097 -MH06011 5_2787ddc	S5
	192.6		TFD	Tap Factory Made Defective at 1 o'clock, dia/height: 4inch, within 8 inch / TAP BROKEN.	00:30:58	MH060097 -MH06011 5_2abc3a6	M3
	200.0		SMW	Surface Damage Missing Wall from 4 o'clock to 5 o'clock, within 8 inch	00:31:59	MH060097 -MH06011 5_c74fec0	S5
	202.0	F13	BSV	Broken Soil Visible from 12 o'clock to 12 o'clock, within 8 inch, Finish	00:32:26	MH060097 -MH06011 5_587ff72	S5
	202.0	F12	DR	Deformed Rigid, change to: 15%, Finish	00:32:36	MH060097 -MH06011 5_8d1f520	S5
	208.2	S14	MWLS	Miscellaneous Water Level, Sag, 15% of the vertical dimension, Start	00:33:08	MH060097 -MH06011 5_e500d2	
	209.4		JAM	Joint Angular Medium	00:33:46	MH060097 -MH06011 5_ba9227	S3
	214.6		JOM	Joint Offset Medium	00:34:21	MH060097 -MH06011 5_29a5b9	S3
	223.3		JOM	Joint Offset Medium	00:35:10	MH060097 -MH06011 5_ba267b	S3
	229.0	F14	MWLS	Miscellaneous Water Level, Sag, 15% of the vertical dimension, Finish	00:35:50	MH060097 -MH06011 5_9d12ca3	S2
	229.0	S15	DR	Deformed Rigid, change to: 5%, Start	00:35:58	MH060097 -MH06011 5_e76909	
	231.0		TFD	Tap Factory Made Defective at 12 o'clock, dia/height: 10inch, within 8 inch / TAP BROKEN.	00:36:19	MH060097 -MH06011 5_4f024df	M3
	235.2	F15	DR	Deformed Rigid, change to: 5%, Finish	00:36:52	MH060097 -MH06011 5_9311da	S4
	239.6		MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension	00:37:17	MH060097 -MH06011 5_7326e4	S2
	240.8		JOM	Joint Offset Medium	00:37:33	MH060097 -MH06011 5_dc95d11	S3



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	247.2	S16	MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Start	00:38:04	MH060097 -MH06011 5_d3db08	
	284.4	TBI	Tap Break-In Intruding at 11 o'clock, dia/height: 6inch, intruding: 2inch	00:40:28	MH060097 -MH06011 5_09ff041	M3	
	285.9	F16	MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Finish	00:40:48	MH060097 -MH06011 5_450d7a	S2
	293.7	S17	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:41:26	MH060097 -MH06011 5_b0da90	
	301.7	TFD	Tap Factory Made Defective at 11 o'clock, dia/height: 6inch, within 8 inch / TAP BROKEN. CAPPED.	00:42:00	MH060097 -MH06011 5_5d8a9a	M3	
	304.1	TFD	Tap Factory Made Defective at 1 o'clock, dia/height: 6inch, within 8 inch / TAP BROKEN. CAPPED.	00:42:19	MH060097 -MH06011 5_c574289	M3	
	307.2	F17	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:42:48	MH060097 -MH06011 5_251500f	S2
	307.2	S18	DR	Deformed Rigid, change to: 5%, Start	00:42:56	MH060097 -MH06011 5_dddcae6	
	308.6	S19	DAE	Deposits Attached Encrustation, 5% of cross sectional area from 7 o'clock to 5 o'clock, within 8 inch, Start	00:43:17	MH060097 -MH06011 5_157b1f2	
	320.4	F18	DR	Deformed Rigid, change to: 5%, Finish	00:44:20	MH060097 -MH06011 5_373732c	S4
	320.4	S20	MWLS	Miscellaneous Water Level, Sag, 20% of the vertical dimension, Start	00:44:28	MH060097 -MH06011 5_460284	
	338.5	JOMD	Joint Offset Medium Defective	00:45:49	MH060097 -MH06011 5_0cd50c4	S3	
	347.0	F20	MWLS	Miscellaneous Water Level, Sag, 20% of the vertical dimension, Finish	00:46:34	MH060097 -MH06011 5_00c7811	S2
	348.3	TFD	Tap Factory Made Defective at 11 o'clock, dia/height: 6inch, within 8 inch / TAP BROKEN. SERVICE OFFSET. ANGLED.	00:46:52	MH060097 -MH06011 5_806fea5	M3	
	352.0	S21	MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Start	00:47:18	MH060097 -MH06011 5_a28647c	
	362.3	RMC	Roots Medium Connection from 12 o'clock to 4 o'clock, 10% of cross sectional area	00:48:24	MH060097 -MH06011 5_54fa50b	M3	

