



Inspection report

Date: 5/6/2022	Work Order:	Weather: Dry	Surveyed By: Steven Bucklin	Certificate Number: U-0819-70306510	Pipe Segment Ref.: MH060111-MH060112
Year laid:	Pre-cleaning: No Pre-Cleaning	Direction: Upstream	Pipe Joint Length:	Total Length:	Length Surveyed:

City: City of Superior	Drainage Area:	Upstream MH: MH060112
Street: ST ALBANS	Media Label: 1111	Up Rim to Invert: 0.0
Location Code: Local rural streets with light traffic	Flow Control: Not Controlled	Downstream MH: MH060111
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:

1:1027	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / MH060111	00:00:01	MH060111 -MH06011 2_03c2860	
	0.0	MWL	Water Level, 10% of the vertical dimension	00:01:27	MH060111 -MH06011 2_de4d5d	
	0.6	S01	B	00:02:20	MH060111 -MH06011 2_87ffb1b	
	0.6	S02	RFB	00:02:30	MH060111 -MH06011 2_71848c5	
	2.9	S03	RFJ	00:04:09	MH060111 -MH06011 2_d1bb51	
	2.9	JOLD	Joint Offset Large Defective	00:03:58	MH060111 -MH06011 2_1a1e44	S4
	3.3	SMW	Surface Damage Missing Wall from 4 o'clock to 8 o'clock, within 8 inch	00:04:47	MH060111 -MH06011 2_40bd92	S5
	6.4	S04	DSF	00:05:25	MH060111 -MH06011 2_9ae892	
	18.8	JOLD	Joint Offset Large Defective	00:06:48	MH060111 -MH06011 2_dd274b	S4
	18.8	MMC	Miscellaneous Material Change, Polyvinyl chloride / VCP TO PVC	00:07:24	MH060111 -MH06011 2_55c10fb	
	20.4	TF	Tap Factory Made at 9 o'clock, dia/height: 6inch, within 8 inch	00:08:35	MH060111 -MH06011 2_f1087db	
	22.6	MMC	Miscellaneous Material Change, Vitrified clay pipe / PVC TO VCP	00:10:14	MH060111 -MH06011 2_0c4b682	
	22.6	S05	DR	00:10:34	MH060111 -MH06011 2_5a6da5	
	35.1	S06	ISB	00:11:52	MH060111 -MH06011 2_505805	
	38.2	BSV	Broken Soil Visible from 8 o'clock to 11 o'clock, within 8 inch	00:12:50	MH060111 -MH06011 2_408f172	S5
	38.4	TBI	Tap Break-In Intruding at 9 o'clock, dia/height: 4inch, intruding: 1inch, within 8 inch	00:13:05	MH060111 -MH06011 2_87dd7a	M2



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1:1027	Distance	Code	Observation	Counter	Photo	Grade	
	58.0	F02	RFB	Roots Fine Barrell from 7 o'clock to 5 o'clock, Finish	00:14:24	MH060111 -MH06011 2_874cc7c	M2
	58.0	F06	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Finish	00:14:32	MH060111 -MH06011 2_7c0f7cb	M1
	58.0	F05	DR	Deformed Rigid, change to: 5%, Finish	00:14:40	MH060111 -MH06011 2_fbc53b6	S4
	71.7	S07	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:15:28	MH060111 -MH06011 2_babf75d	
	79.0	F07	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:16:07	MH060111 -MH06011 2_dba244	S2
	94.5	S08	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:17:07	MH060111 -MH06011 2_8f19819	
	107.5	S09	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Start	00:17:59	MH060111 -MH06011 2_88f1951	
	112.9	JOMD	Joint Offset Medium Defective	00:18:27	MH060111 -MH06011 2_35254f0	S3	
	115.8	F08	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:18:49	MH060111 -MH06011 2_70606cf	S2
	118.3	S10	DR	Deformed Rigid, change to: 5%, Start	00:19:18	MH060111 -MH06011 2_f2f30d9	
	126.4	TFD	Tap Factory Made Defective at 1 o'clock, dia/height: 4inch, within 8 inch / CAPPED. TAP BROKEN	00:19:53	MH060111 -MH06011 2_f98cefe	M3	
	127.0	JOMD	Joint Offset Medium Defective / SOIL VISIBLE	00:20:14	MH060111 -MH06011 2_5d9139c	S3	
	127.0	S11	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:20:24	MH060111 -MH06011 2_b9101b	
	131.4	TFD	Tap Factory Made Defective at 11 o'clock, dia/height: 4inch, within 8 inch / CAPPED. TAP BROKEN	00:20:51	MH060111 -MH06011 2_fcda2e4	M3	
	132.2	JOMD	Joint Offset Medium Defective	00:21:09	MH060111 -MH06011 2_99477e	S3	
	141.1	F11	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:22:27	MH060111 -MH06011 2_34d490	S2
	152.4	S12	RFB	Roots Fine Barrell from 8 o'clock to 4 o'clock, Start	00:23:30	MH060111 -MH06011 2_f7de495	
	153.9	RMJ	Roots Medium Joint from 8 o'clock to 4 o'clock, 10% of cross sectional area, within 8 inch	00:24:11	MH060111 -MH06011 2_9a28b1	M3	
	156.7	RMJ	Roots Medium Joint from 8 o'clock to 4 o'clock, 5% of cross sectional area, within 8 inch	00:25:02	MH060111 -MH06011 2_a4d2f56	M3	
	159.1	S13	MWLS	Miscellaneous Water Level, Sag, 15% of the vertical dimension, Start	00:25:31	MH060111 -MH06011 2_060a76c	



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1:1027	Distance	Code	Observation	Counter	Photo	Grade	
	190.2	F12	RFB	Roots Fine Barrell from 8 o'clock to 4 o'clock, Finish	00:27:37	MH060111 -MH06011 2_0518d2	M2
	190.2	F10	DR	Deformed Rigid, change to: 5%, Finish	00:27:52	MH060111 -MH06011 2_d5f178d	S4
	203.5	F13	MWLS	Miscellaneous Water Level, Sag, 15% of the vertical dimension, Finish	00:28:43	MH060111 -MH06011 2_718e9f1	S2
	203.5	F09	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Finish	00:28:51	MH060111 -MH06011 2_9c13286	M1
	203.6	F01	B	Broken from 7 o'clock to 5 o'clock, within 8 inch, Finish	00:28:59	MH060111 -MH06011 2_c2a05e5	S4
	206.3	S14	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:29:32	MH060111 -MH06011 2_1bf1376	
	225.6		CL	Crack Longitudinal at 11 o'clock, within 8 inch	00:30:51	MH060111 -MH06011 2_bfdf33d	S2
	225.6		ISB	Infiltration Stain Barrel from 10 o'clock to 11 o'clock, within 8 inch	00:31:04	MH060111 -MH06011 2_b2c473e	M1
	225.6	F14	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:31:20	MH060111 -MH06011 2_989bf93	S2
	231.6	S15	MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Start	00:31:54	MH060111 -MH06011 2_5f6b41e	
	232.3		TFC	Tap Factory Made Capped at 11 o'clock, dia/height: 4inch, within 8 inch	00:32:11	MH060111 -MH06011 2_ee239ff	
	237.4		TFC	Tap Factory Made Capped at 1 o'clock, dia/height: 4inch, within 8 inch / CAP CRACKED	00:32:45	MH060111 -MH06011 2_3232c45	
	245.7	S16	CM	Crack Multiple from 8 o'clock to 2 o'clock, within 8 inch, Start	00:34:12	MH060111 -MH06011 2_4e36b9	
	251.7	F15	MWLS	Miscellaneous Water Level, Sag, 5% of the vertical dimension, Finish	00:34:44	MH060111 -MH06011 2_04ba17	S2
	253.4		ISB	Infiltration Stain Barrel from 12 o'clock to 2 o'clock	00:35:07	MH060111 -MH06011 2_abf9eb8	M1
	253.4	S17	B	Broken from 8 o'clock to 4 o'clock, within 8 inch, Start	00:35:22	MH060111 -MH06011 2_94730d	
	253.4	F16	CM	Crack Multiple from 8 o'clock to 2 o'clock, within 8 inch, Finish	00:35:35	MH060111 -MH06011 2_df6b2da	S3
	255.4	S18	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Start	00:35:54	MH060111 -MH06011 2_ea733f3	
	256.0	S19	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Start	00:36:08	MH060111 -MH06011 2_7b9d84	
	259.3		DR	Deformed Rigid, change to: 5%	00:36:29	MH060111 -MH06011 2_d09944	S4



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1:1027	Distance	Code	Observation	Counter	Photo	Grade		
	275.2	F18	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Finish	00:37:41	MH060111 -MH06011 2_d8e51f3	M1	
	284.6	F19	MWLS	Miscellaneous Water Level, Sag, 10% of the vertical dimension, Finish	00:38:25	MH060111 -MH06011 2_623997c	S2	
	288.8		TBI	Tap Break-In Intruding at 2 o'clock, dia/height: 4inch, intruding: 3inch, within 8 inch / CONSTANTLY RUNNING WATER.	00:39:19	MH060111 -MH06011 2_4f403ba	M4	
	289.5		SSS	Surface Damage Spalling at 3 o'clock, within 8 inch	00:39:47	MH060111 -MH06011 2_6c5e265	S2	
	303.0	S20	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Start	00:40:49	MH060111 -MH06011 2_16f41fe		
	305.1		TBI	Tap Break-In Intruding at 10 o'clock, dia/height: 6inch, intruding: 1inch, within 8 inch	00:41:32	MH060111 -MH06011 2_dc9952c	M2	
	305.5		JAM	Joint Angular Medium	00:42:18	MH060111 -MH06011 2_5f73866	S3	
	305.6	S21	DR	Deformed Rigid, change to: 5%, Start	00:42:33	MH060111 -MH06011 2_db1a96		
	323.1		DR	Deformed Rigid, change to: 15%	00:43:54	MH060111 -MH06011 2_a63acb1	S5	
	323.9		DSF	Deposits Settled Fine, 25% of cross sectional area from 2 o'clock to 7 o'clock, within 8 inch	00:44:47	MH060111 -MH06011 2_2da1afc	M4	
	324.4		TFD	Tap Factory Made Defective at 2 o'clock, dia/height: 4inch, within 8 inch / TAP BROKEN AND PIECES MISSING. SOIL FALLING INTO THE MAIN. VOID AND SOIL VISIBLE	00:45:23	MH060111 -MH06011 2_a17923	M3	
	326.2		TFD	Tap Factory Made Defective at 10 o'clock, dia/height: 4inch, within 8 inch / TAP BROKEN AND PIECES MISSING. SOIL FALLING INTO THE MAIN. SOIL VISIBLE	00:46:28	MH060111 -MH06011 2_8a0946	M3	
	326.3		DSF	Deposits Settled Fine, 45% of cross sectional area from 3 o'clock to 9 o'clock, within 8 inch	00:47:10	MH060111 -MH06011 2_bb524ce	M5	
	328.2	F03	RFJ	Roots Fine Joint from 7 o'clock to 5 o'clock, Finish, within 8 inch	00:48:23	MH060111 -MH06011 2_24ae86	M1	
	328.2	F04	DSF	Deposits Settled Fine, 5% of cross sectional area from 5 o'clock to 7 o'clock, within 8 inch, Finish	00:48:39	MH060111 -MH06011 2_7606c20	M2	
	328.2	F17	B	Broken from 8 o'clock to 4 o'clock, within 8 inch, Finish	00:48:46	MH060111 -MH06011 2_58d4a6	S4	
	328.2	F20	ISB	Infiltration Stain Barrel from 7 o'clock to 5 o'clock, within 8 inch, Finish	00:48:56	MH060111 -MH06011 2_9e1ba6	M1	
	328.2	F21	DR	Deformed Rigid, change to: 5%, Finish	00:49:04	MH060111 -MH06011 2_936b75	S4	
	328.3		MSA	Miscellaneous Survey Abandoned / CAMERA CANT MAKE IT PAST DEBRIS AND BROKEN PIPE.	00:49:16	MH060111 -MH06011 2_697098		
	465.5			End of pipe				
	MH060112							
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
534P	5142	544P	439.0	301.0	740.0	3.5	1.6	2.3