



Inspection report

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|--------------------------|---|---------------------------------|---------------------------------------|---|--|
| 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: Downstream | 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:

| 1:2126 | Distance | Code | Observation | Counter | Photo | Grade |
|--------|----------|------|---|----------|-----------------------------------|-------|
| | 0.0 | AMH | Manhole / MH060112 | 00:00:01 | MH060111 -MH06011 2_506729 | |
| | 0.0 | MWL | Water Level, 5% of the vertical dimension | 00:01:09 | MH060111 -MH06011 2_0e4f1e2 | |
| | 2.3 | BSV | Broken Soil Visible from 10 o'clock to 2 o'clock, within 8 inch | 00:02:26 | MH060111 -MH06011 2_914227 | S5 |
| | 2.3 | RFJ | Roots Fine Joint from 10 o'clock to 2 o'clock, within 8 inch | 00:02:38 | MH060111 -MH06011 2_d28652 | M1 |
| | 2.4 | JOLD | Joint Offset Large Defective / SOIL VISIBLE | 00:02:06 | MH060111 -MH06011 2_59488f9 | S4 |
| | 5.8 | RFJ | Roots Fine Joint from 7 o'clock to 5 o'clock, within 8 inch | 00:04:18 | MH060111 -MH06011 2_b9cd4ad | M1 |
| | 5.8 | CM | Crack Multiple from 10 o'clock to 1 o'clock, within 8 inch | 00:05:03 | MH060111 -MH06011 2_518197 | S3 |
| | 5.8 S01 | DSF | Deposits Settled Fine, 5% of cross sectional area from 5 o'clock to 7 o'clock, within 8 inch, Start | 00:05:15 | MH060111 -MH06011 2_520614 | |
| | 8.7 | SSS | Surface Damage Spalling at 9 o'clock, within 8 inch | 00:05:41 | MH060111 -MH06011 2_06afd5c | S2 |
| | 21.8 | TFI | Tap Factory Made Intruding at 2 o'clock, dia/height: 4inch, intruding: 1inch, within 8 inch / SERVICE OFFSET AND ANGLED, ALSO SOIL VISIBLE AROUND THE TAP | 00:07:27 | MH060111 -MH06011 2_f60a32a | M2 |
| | 27.2 | TFC | Tap Factory Made Capped at 10 o'clock, dia/height: 4inch, within 8 inch | 00:08:27 | MH060111 -MH06011 2_3c2fe62 | |
| | 32.8 | MWL | Water Level, 20% of the vertical dimension | 00:09:05 | MH060111 -MH06011 2_bc6c4a5 | |
| | 43.2 | CL | Crack Longitudinal at 12 o'clock, within 8 inch | 00:09:59 | MH060111 -MH06011 2_bc47dc3 | S2 |
| | 48.1 | CS | Crack Spiral from 10 o'clock to 12 o'clock, within 8 inch | 00:10:49 | MH060111 -MH06011 2_05df655 | S2 |
| | 52.3 S02 | CS | Crack Spiral from 11 o'clock to 1 o'clock, within 8 inch, Start | 00:11:23 | MH060111 -MH06011 2_3f4c9b5 | |
| | 52.3 S03 | LL | Line Left, change to: 10%, Start | 00:11:35 | MH060111 -MH06011 2_d3feceb | |



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| 1:2126 | Distance | Code | Observation | Counter | Photo | Grade |
|--------|----------|------|-------------|----------|-----------------------------------|-------|
| | 58.3 | F02 | CS | 00:12:42 | MH060111 -MH06011 2_dd5d9f2 | S2 |
| | 58.3 | S04 | B | 00:13:03 | MH060111 -MH06011 2_246b73 | |
| | 84.8 | | MWL | 00:15:45 | MH060111 -MH06011 2_d574f2f | |
| | 84.8 | F03 | LL | 00:15:57 | MH060111 -MH06011 2_73fe984 | M1 |
| | 84.8 | F01 | DSF | 00:16:05 | MH060111 -MH06011 2_c46dfa0 | M2 |
| | 84.8 | S05 | DSF | 00:16:13 | MH060111 -MH06011 2_9be2cdc | |
| | 88.3 | S06 | MCU | 00:16:56 | MH060111 -MH06011 2_3a291e | |
| | 99.1 | F04 | B | 00:19:10 | MH060111 -MH06011 2_871e95 | S4 |
| | 99.1 | F05 | DSF | 00:19:18 | MH060111 -MH06011 2_641314f | M5 |
| | 99.1 | F06 | MCU | 00:19:25 | MH060111 -MH06011 2_259006 | M4 |
| | 99.1 | MSA | MSA | 00:19:37 | MH060111 -MH06011 2_ffd6d5e | |
| | 465.5 | | End of pipe | | | |

MH060111

| QSR | QMR | QOR | SPR | MPR | OPR | SPRI | MPRI | OPRI |
|------|------|------|------|------|-------|------|------|------|
| 5149 | 5342 | 544A | 52.0 | 66.0 | 118.0 | 3.5 | 2.1 | 2.6 |