CUES, Inc. 3600 Rio Vista Avenue Orlando, FL 32805 Phone: 407-849-0190 Fax: 407-425-1569



| | | | | | PACF | P Sewe | r Report | t | | | | |
|--|-------------------------------|--|---------------------------|----------------------------|---------------------------------|-----------------------------------|----------------------|-----------------------|------------------------|--------------------------|-------------------------------------|---|
| Surveyed by: Paul Nelso | on | Certificate N U-1012- | | Owner: CITY | OF SUPERC | DIR | Survey Customer | | Drainage ar DISTRIC | | | Sheet number: 1 |
| Work order: | Pipeline segme MH060008 | ent ref: 8-MH060009 | | rt date/time: 14/10/16 | 18:12 | Street: ALLEY BTW BELKNAP & | / MARYLAND & 16TH | MISSOURI | AND BTW | City: SUPERIC | OR | |
| Location details: | | | | | | Upstream manh MH060009 | ole No: | | Rim t | o invert: | Grade to invert: Rim to grade: | |
| Downstream manhole No: MH060008 | | | | Rim to inv | ert: | Grade to invert: | Rim to gr | | ewer use: Direction: | | Flow contr N | ol: Height: 15 |
| Width: Shape: Material: Ln. method: 15 C RCP | | | Pipe joint l | Pipe joint length: | | Total length:Length s335.0330.1 | | surveyed: Year laid: | | | Media label: 7 76 780 | |
| Purpose: S | J , | Pre-cleaning Dat | e cleaned: | Weather: | Location code | e: Additional | l info: | | | | | |
| Grade | Amount of Structur Defects | Structural al Structural Segment Grade | Structural Pipe Rating | Structural Quick Rating | Structural Pipe Rating Index | Amount of O&M Defects | O&M Segment Grade | O&M O&M Pipe Ratin | g O&M Quick Rating | O&M Pipe Rating Index | | rall Pipe Overall Pipe Rating Index |
| 1 | 0 | 0 | | | | 20 | 20 | | | | | |
| 2 | 0 | 0 | | | | 0 | 0 | | | | | |
| 3 | 0 | 0 | 0 | 0000 | 0 | 0 | 0 | 20 | 1C00 | 1 | 20 | 1 |
| 4 | 0 | 0 | | | | 0 | 0 | 1 | | | | |
| 5 | 0 | 0 | | | | 0 | 0 | | | | | |

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| Surveyed by: Paul Nelson | | Owner: CITY OF SUPEROIR | | Start date/time: 2014/10/16 | | | Upstream manhole No: MH060009 | | | | | Pipeline segm MH06000 | Sheet number: 0009 2 | | |
|-----------------------------|------------|---|----------------------|--------------------------------|----------------------|-----|----------------------------------|-------|-----------------------------|----|-----------|--------------------------|-------------------------|----------|--|
| Distance (Feet) (Meters) | Video Ref. | Group/ Modifier/ Descriptor Severity | Continuous Defect | S/M/L | Value Inches (mm) | | % | Joint | Circumferential Location | | Image Ref | f. Family | Rating | Remarks | |
| 0.0 | 6 | АМН | | | 1st | 2nd | | | At/From | to | | CF | | MH060008 | |
| 0.0 | 17 | MWL | | | | | 30 | | | | | | | | |
| 62.6 | 145 | RFJ | | | | | | J | 2 | | | O&M | 1 | | |
| 209.1 | 306 | RFJ | | | | | | J | 10 | 2 | | O&M | 1 | | |
| 233.1 | 339 | RFJ | | | | | | J | 10 | 2 | | O&M | 1 | | |
| 245.7 | 383 | RFJ | S01 | | | | | J | 12 | | | O&M | 1 | | |
| 330.1 | 479 | RFJ | F01 | | | | | J | 12 | | | O&M | 1 | | |
| 330.1 | 487 | AMH | | | | | | | | | | CF | | MH060009 | |