

# Profile/Photo Observation Report



|                   |                       |             |                       |            |                       |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date:             | <b>03/01/2024</b>     | Weather:    |                       | Coding:    | <b>PACP 7.0</b>       |
| Pipe Length (ft): | <b>331.0</b>          | Owner:      | <b>City of Hobart</b> | Pre Clean: | <b>Heavy Cleaning</b> |
| P.O.#:            |                       | Surveyor:   | <b>S. Bucklin</b>     | PSR:       | <b>P-805-013-018</b>  |
| Customer:         | <b>City of Hobart</b> | Clean Date: | <b>09/01/2022</b>     | Shape:     | <b>C</b>              |

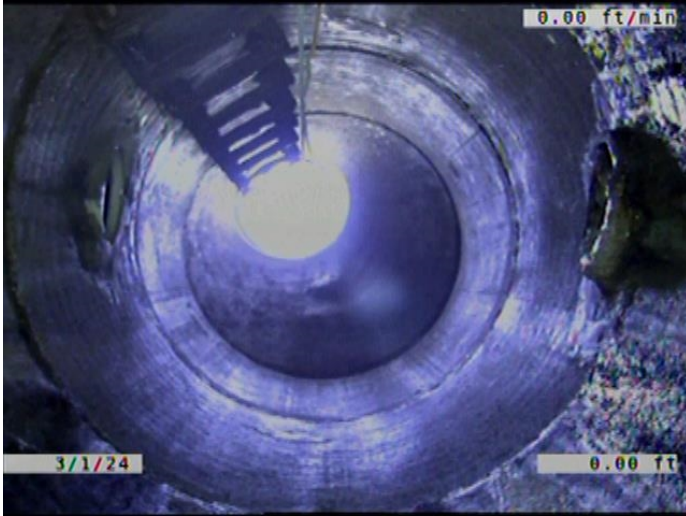
|                   |                                                  |                             |                       |
|-------------------|--------------------------------------------------|-----------------------------|-----------------------|
| Street:           | <b>E 5TH ST</b>                                  | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>                                | Year Renewed:               |                       |
| Location:         | <b>Local rural streets with light traffic, t</b> | Tape/Media #:               |                       |
| Purpose:          | <b>Sewer System Evaluation Survey (SS</b>        | Dia/Height:                 | <b>21"</b>            |
| Use:              | <b>Sanitary Sewage Pipe</b>                      | Material:                   | <b>VCP</b>            |
| Drain Area:       |                                                  | Lining:                     | <b>None</b>           |
| Category:         | <b>NA</b>                                        |                             |                       |
| Comment:          |                                                  |                             |                       |
| Location Details: |                                                  | Direction of Survey:        | <b>Downstream</b>     |
| US MH:            | <b>M-805-018</b>                                 | DS MH:                      | <b>M-805-013</b>      |
|                   |                                                  | Total Length Surveyed (ft): | <b>327.9</b>          |

|                   |             |                   |             |                    |               |
|-------------------|-------------|-------------------|-------------|--------------------|---------------|
| O&M Index:        | <b>2.41</b> | O&M Quick:        | <b>413K</b> | O&M Rating:        | <b>361.00</b> |
| Structural Index: | <b>2.71</b> | Structural Quick: | <b>453D</b> | Structural Rating: | <b>138.00</b> |
| Overall Index:    | <b>2.48</b> | Overall Quick:    | <b>463P</b> | Overall Rating:    | <b>499.00</b> |

|  | Position | Code      | Observation                     | Video (sec) | Grade |
|--|----------|-----------|---------------------------------|-------------|-------|
|  | .0       | AMH       | Manhole                         | 0           | NA    |
|  | .0       | MWL       | Miscellaneous Water Level       | 157         | NA    |
|  | 1.2      | IDJ       | Infiltration Dripper Joint      | 183         | M 3   |
|  | 1.2      | DAE(S01)  | Deposits Attached Encrustation  | 239         | M 2   |
|  | 7.1      | IDJ       | Infiltration Dripper Joint      | 367         | M 3   |
|  | 21.3     | IDJ(S02)  | Infiltration Dripper Joint      | 495         | M 3   |
|  | 40.9     | IDJ       | Infiltration Dripper Joint      | 658         | M 3   |
|  | 70.8     | JOM       | Joint Offset Medium             | 847         | S 3   |
|  | 70.8     | RPR(S03)  | Point Repair Replacement        | 934         | NA    |
|  | 76.0     | JAM       | Joint Angular Medium            | 1115        | S 3   |
|  | 76.0     | RPR(F03)  | Point Repair Replacement        | 1131        | NA    |
|  | 80.1     | IDJ(F02)  | Infiltration Dripper Joint      | 1191        | M 3   |
|  | 84.6     | MWLS(S04) | Miscellaneous Water Level Sag   | 1218        | S 2   |
|  | 95.3     | IWJ       | Infiltration Weeper Joint       | 1278        | M 2   |
|  | 100.3    | IDJ       | Infiltration Dripper Joint      | 1341        | M 3   |
|  | 107.0    | IDC       | Infiltration Dripper Connection | 1463        | M 3   |
|  | 107.0    | TFD       | Tap Factory Defective           | 1471        | M 3   |
|  | 111.6    | MWLS(F04) | Miscellaneous Water Level Sag   | 1507        | S 2   |
|  | 118.3    | IDJ       | Infiltration Dripper Joint      | 1631        | M 3   |

|       |           |                                    |      |     |
|-------|-----------|------------------------------------|------|-----|
| 119.8 | MWLS(S05) | Miscellaneous Water Level Sag      | 1669 | S 2 |
| 122.5 | LL        | Line Left                          | 1695 | M 1 |
| 123.1 | IDJ(S06)  | Infiltration Dripper Joint         | 1763 | M 3 |
| 123.1 | JAM       | Joint Angular Medium               | 1777 | S 3 |
| 142.9 | JAM       | Joint Angular Medium               | 1939 | S 3 |
| 145.7 | MWLS(F05) | Miscellaneous Water Level Sag      | 2001 | S 2 |
| 152.3 | MWLS(S07) | Miscellaneous Water Level Sag      | 2032 | S 2 |
| 158.2 | JOMD      | Joint Offset Medium Defective      | 2074 | S 3 |
| 158.2 | RPR(S08)  | Point Repair Replacement           | 2141 | NA  |
| 173.4 | JAM       | Joint Angular Medium               | 2323 | S 3 |
| 173.4 | DSF       | Deposits Settled Fine              | 2363 | M 2 |
| 173.4 | RPR(F08)  | Point Repair Replacement           | 2383 | NA  |
| 187.4 | MWLS(F07) | Miscellaneous Water Level Sag      | 2479 | S 2 |
| 200.1 | MWLS(S09) | Miscellaneous Water Level Sag      | 2548 | S 3 |
| 212.6 | CS(S10)   | Crack Spiral                       | 2637 | S 2 |
| 217.2 | CS(F10)   | Crack Spiral                       | 2691 | S 2 |
| 220.8 | CS        | Crack Spiral                       | 2737 | S 2 |
| 231.5 | DSF(S11)  | Deposits Settled Fine              | 2857 | M 2 |
| 237.2 | CL        | Crack Longitudinal                 | 2974 | S 2 |
| 252.1 | DAE       | Deposits Attached Encrustation     | 3178 | M 3 |
| 270.2 | MWLS(F09) | Miscellaneous Water Level Sag      | 3299 | S 3 |
| 272.7 | CM        | Crack Multiple                     | 3374 | S 3 |
| 297.5 | LD        | Line Down                          | 3493 | M 1 |
| 306.3 | MWLS(S12) | Miscellaneous Water Level Sag      | 3555 | S 4 |
| 316.9 | IRJ       | Infiltration Runner Joint          | 3674 | M 4 |
| 316.9 | JAM       | Joint Angular Medium               | 3689 | S 3 |
| 316.9 | JOMD      | Joint Offset Medium Defective      | 3713 | S 3 |
| 321.9 | JAM       | Joint Angular Medium               | 3812 | S 3 |
| 321.9 | JOMD      | Joint Offset Medium Defective      | 3855 | S 3 |
| 322.3 | RPRD      | Point Repair Replacement Defective | 4054 | S 4 |
| 325.7 | JOM       | Joint Offset Medium                | 4003 | S 3 |
| 327.9 | DAE(F01)  | Deposits Attached Encrustation     | 4240 | M 2 |
| 327.9 | IDJ(F06)  | Infiltration Dripper Joint         | 4248 | M 3 |
| 327.9 | DSF(F11)  | Deposits Settled Fine              | 4255 | M 2 |
| 327.9 | MWLS(F12) | Miscellaneous Water Level Sag      | 4264 | S 4 |
| 327.9 | MSA       | Miscellaneous Survey Abandoned     | 4281 | NA  |

M-805-013



Code: **AMH**  
Description: **Manhole**

Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **M-805-018**

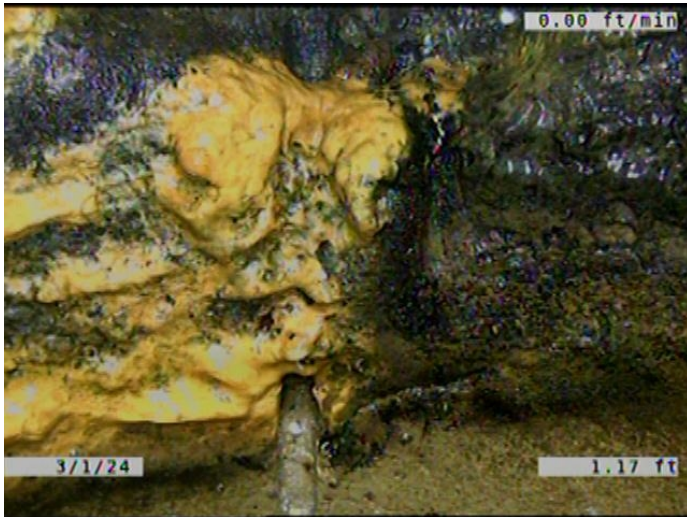
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Code: **MWL**  
Description: **Miscellaneous Water Level**

Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

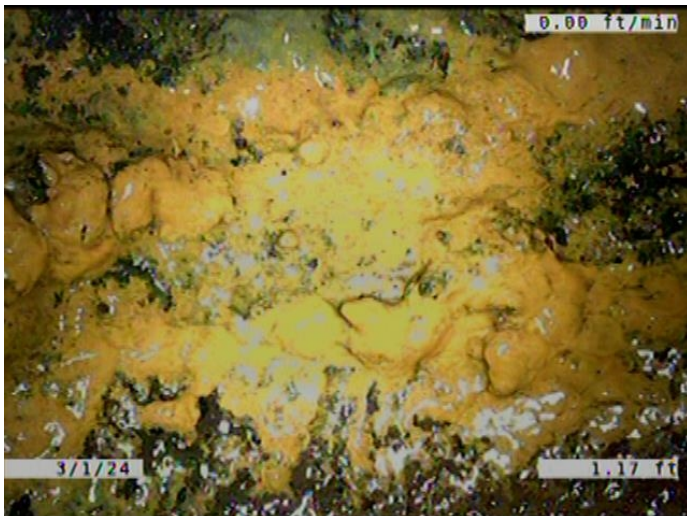
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Code: **IDJ**  
Description: **Infiltration Dripper Joint**

Distance (ft): **1.2**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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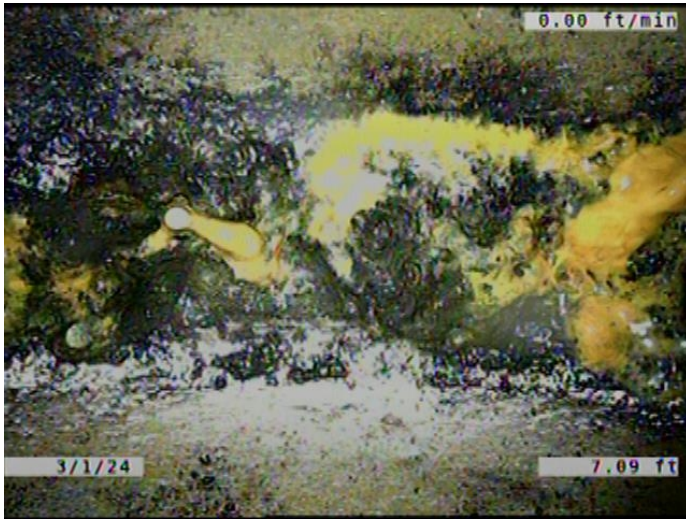


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **1.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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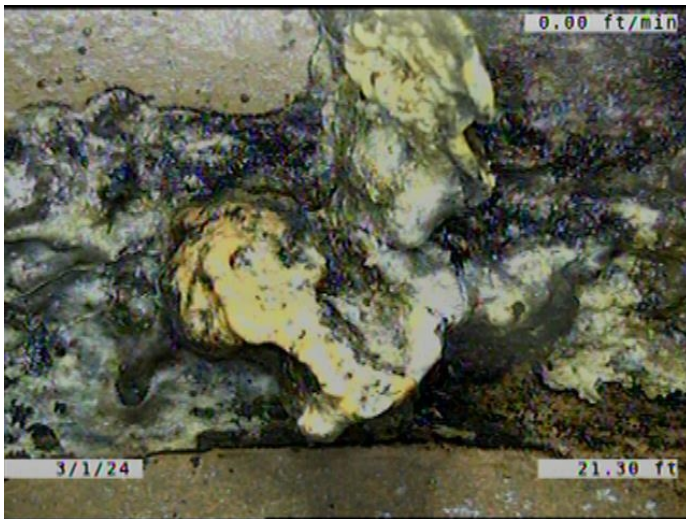




Code: IDJ  
Description: Infiltration Dripper Joint

Distance (ft): 7.1  
Structural Grade: 0  
O&M Grade: 3  
Clock Start/From: 11  
Clock To: 1  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: YES  
Remarks:

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Code: IDJ  
Description: Infiltration Dripper Joint

Distance (ft): 21.3  
Structural Grade: 0  
O&M Grade: 3  
Clock Start/From: 11  
Clock To: 1  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: S02  
Within 8" of Joint: YES  
Remarks:

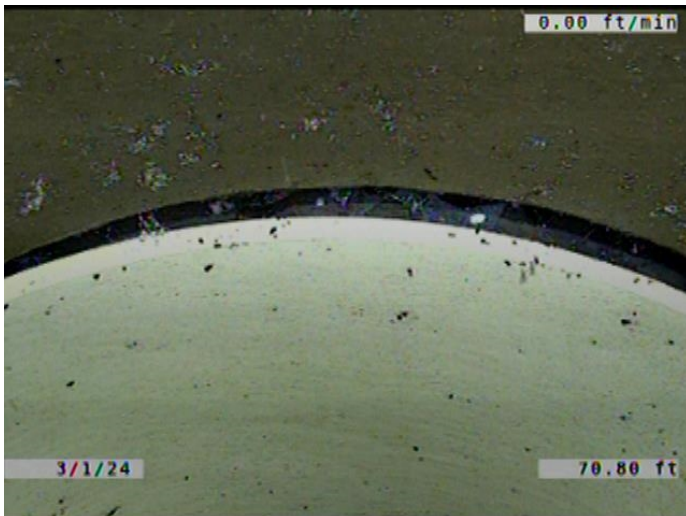
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Code: **IDJ**  
Description: **Infiltration Dripper Joint**

Distance (ft): **40.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

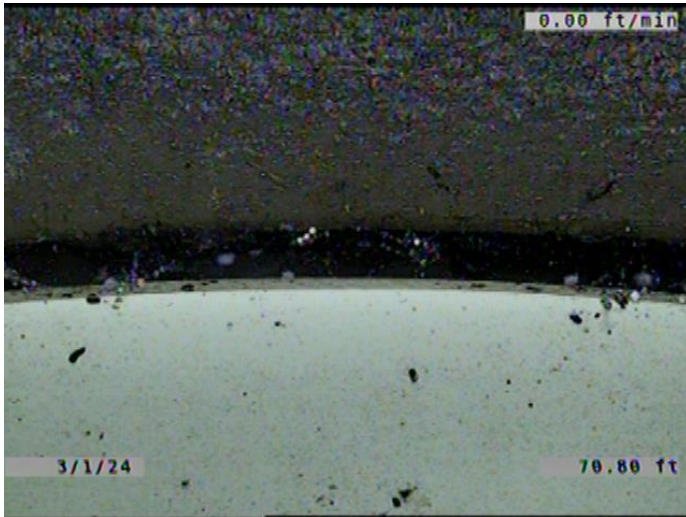
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Code: **JOM**  
Description: **Joint Offset Medium**

Distance (ft): **70.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

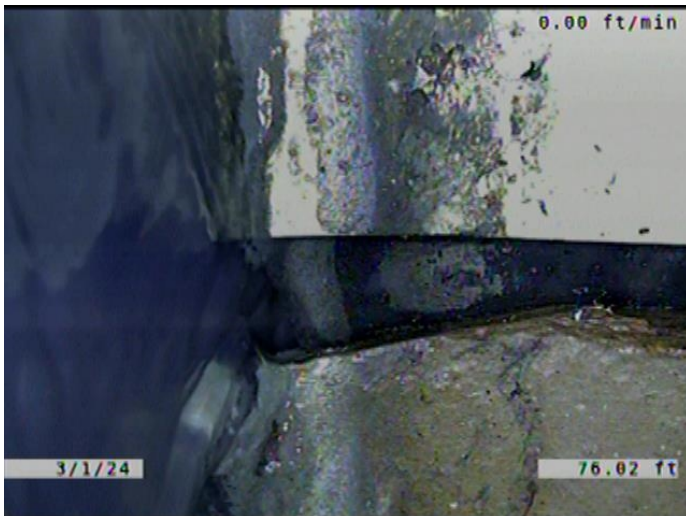
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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **70.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

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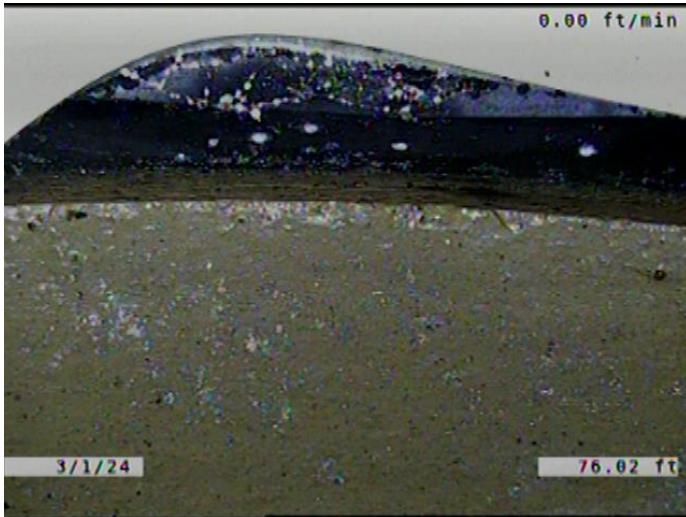


Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **76.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **76.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

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Code: **IDJ**  
Description: **Infiltration Dripper Joint**

Distance (ft): **80.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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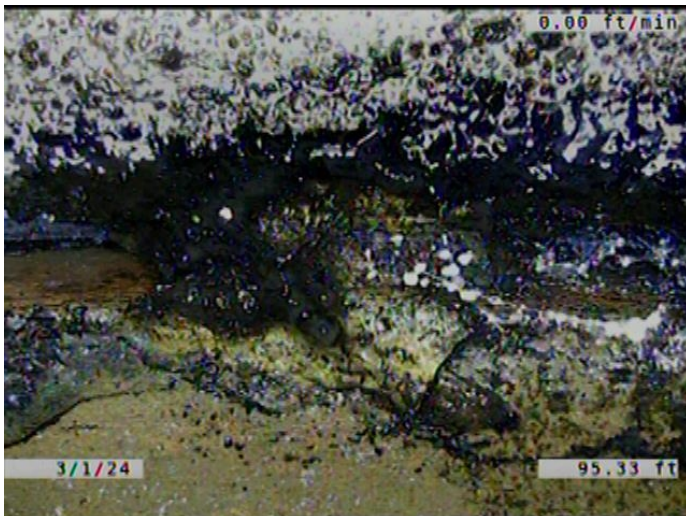




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **84.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

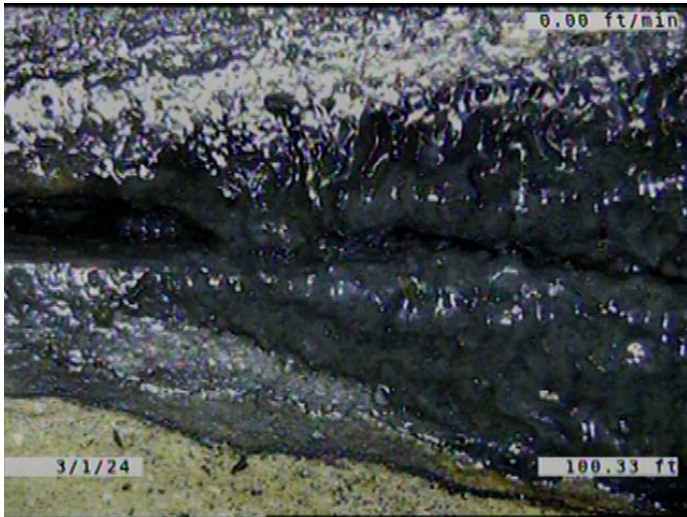
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Code: **IWJ**  
Description: **Infiltration Weeper Joint**

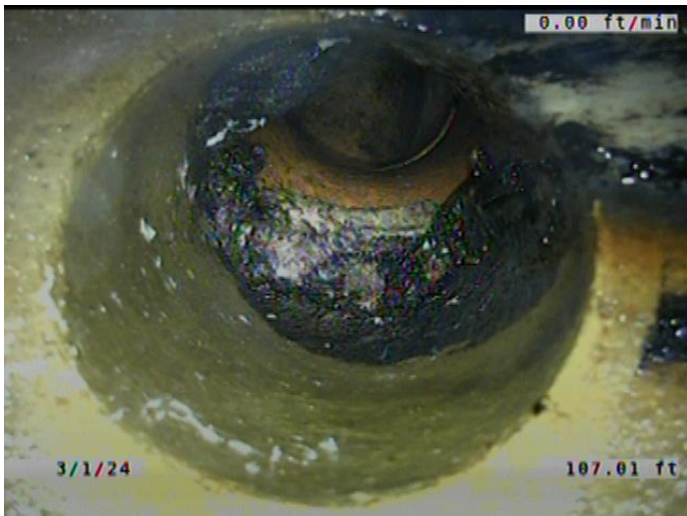
Distance (ft): **95.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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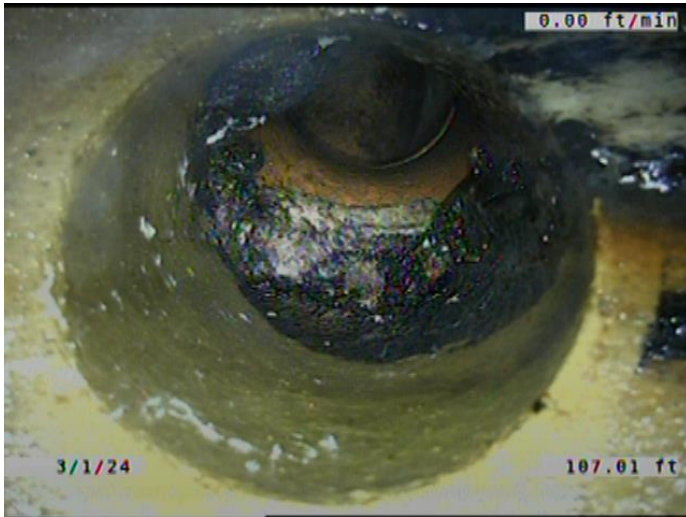
Code: **IDJ**  
 Description: **Infiltration Dripper Joint**

Distance (ft): **100.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



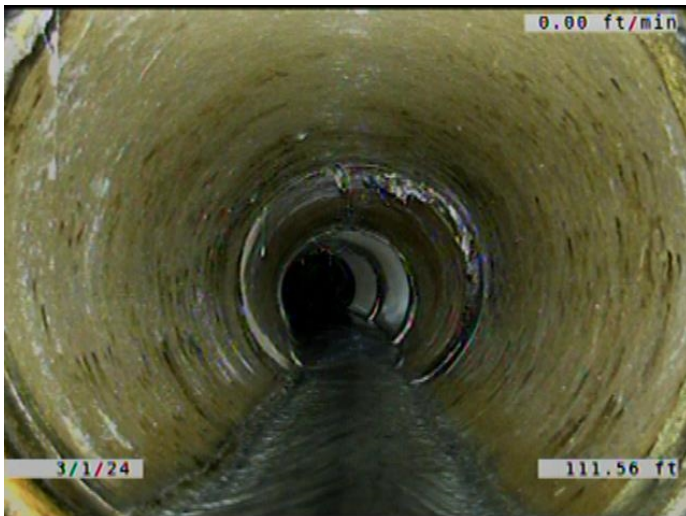
Code: **IDC**  
 Description: **Infiltration Dripper Connection**

Distance (ft): **107.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| Code:               | <b>TFD</b>                                                            |
| Description:        | <b>Tap Factory Defective</b>                                          |
| Distance (ft):      | <b>107.0</b>                                                          |
| Structural Grade:   | <b>0</b>                                                              |
| O&M Grade:          | <b>3</b>                                                              |
| Clock Start/From:   | <b>1</b>                                                              |
| Clock To:           |                                                                       |
| 1st Value:          | <b>6.000</b>                                                          |
| 2nd Value:          |                                                                       |
| Value Percent:      |                                                                       |
| Continuous Index:   |                                                                       |
| Within 8" of Joint: | <b>YES</b>                                                            |
| Remarks:            | <b>SERVICE OFFSET. ENCRUSTATION<br/>COMING FROM THE SERVICE TO MA</b> |

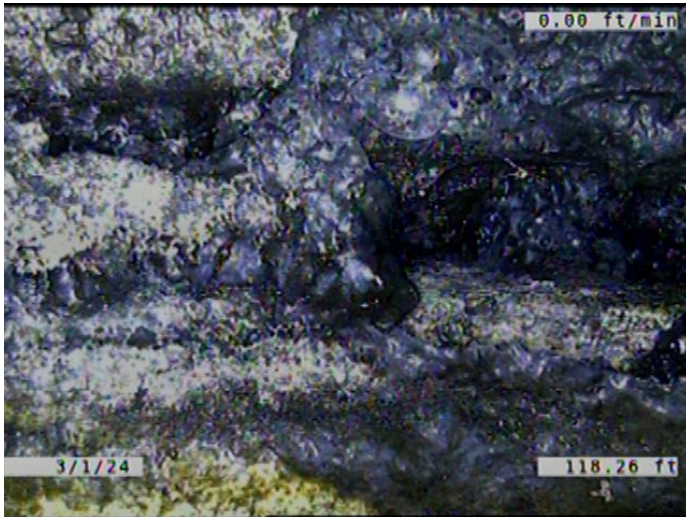
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|                     |                                      |
|---------------------|--------------------------------------|
| Code:               | <b>MWLS</b>                          |
| Description:        | <b>Miscellaneous Water Level Sag</b> |
| Distance (ft):      | <b>111.6</b>                         |
| Structural Grade:   | <b>2</b>                             |
| O&M Grade:          | <b>0</b>                             |
| Clock Start/From:   |                                      |
| Clock To:           |                                      |
| 1st Value:          |                                      |
| 2nd Value:          |                                      |
| Value Percent:      | <b>15.000</b>                        |
| Continuous Index:   | <b>F04</b>                           |
| Within 8" of Joint: | <b>NO</b>                            |
| Remarks:            |                                      |

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Code: **IDJ**  
 Description: **Infiltration Dripper Joint**

Distance (ft): **118.3**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

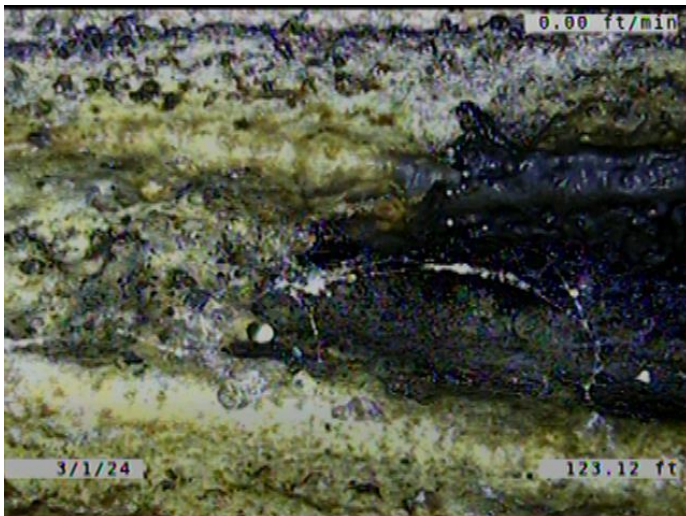
Distance (ft): **119.8**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:





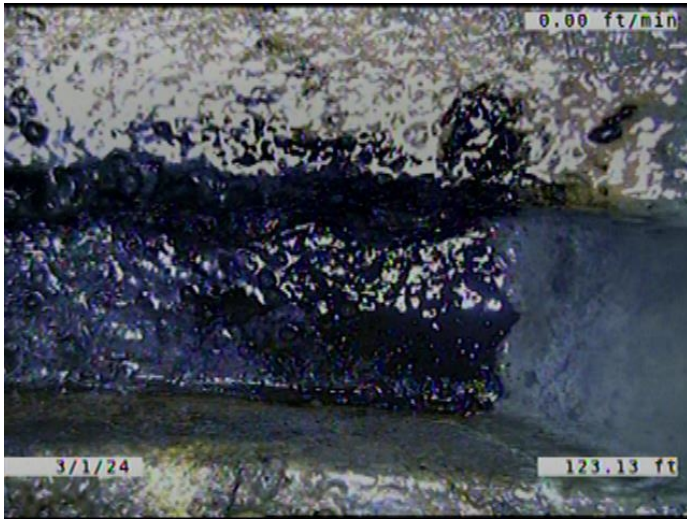
Code: **LL**  
 Description: **Line Left**

Distance (ft): **122.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **IDJ**  
 Description: **Infiltration Dripper Joint**

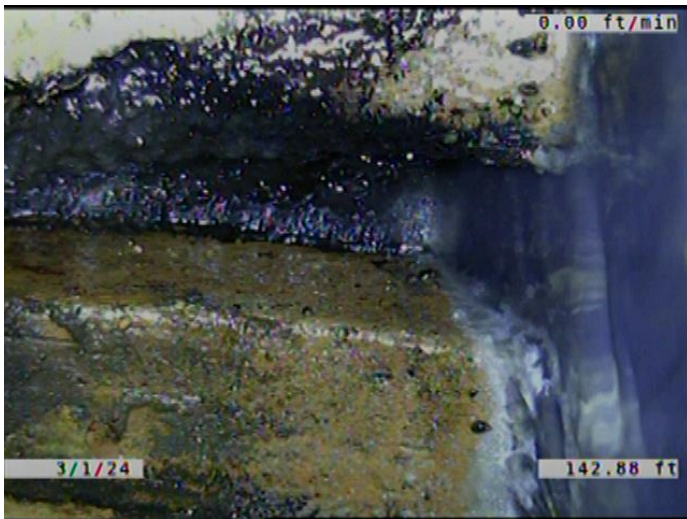
Distance (ft): **123.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S06**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **123.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **142.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **145.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

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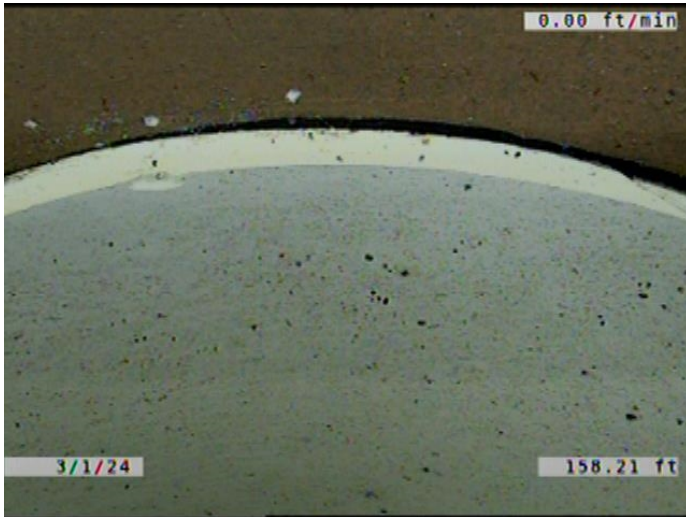


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **152.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

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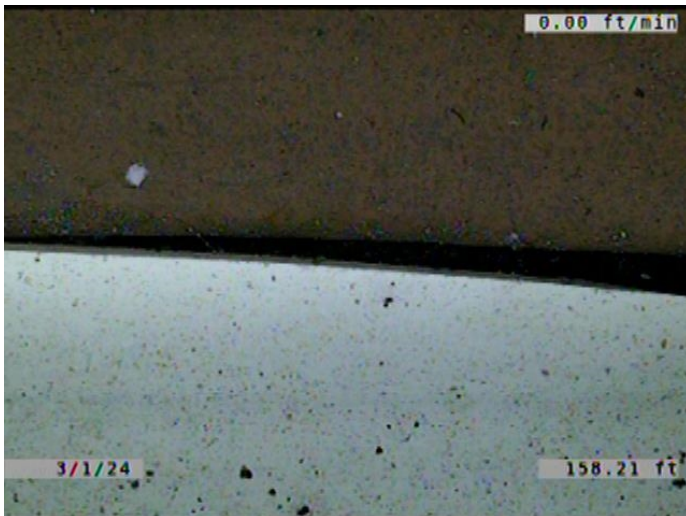




Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **158.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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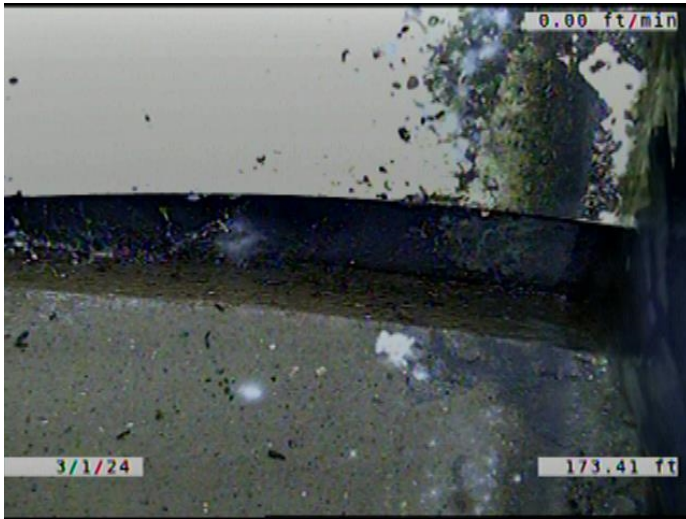


Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **158.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S08**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

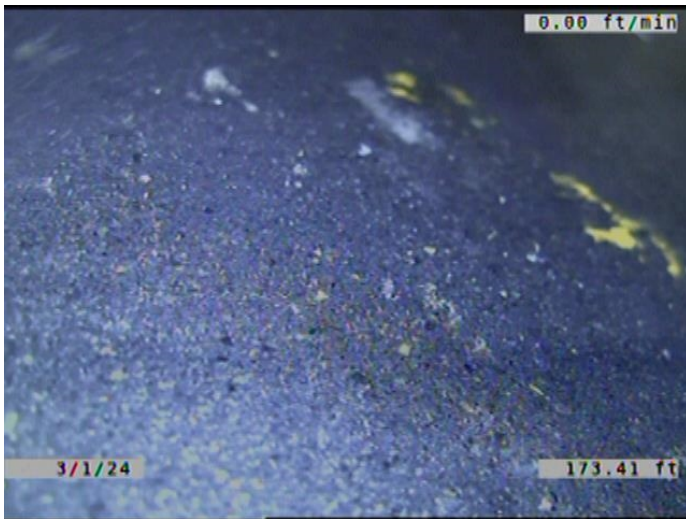
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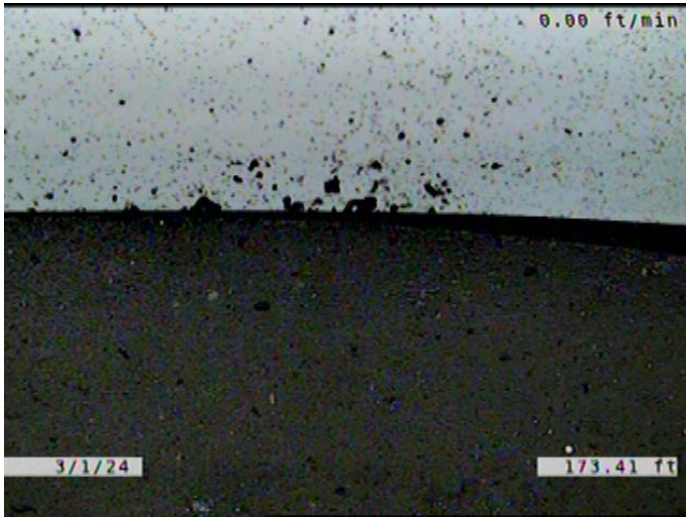
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **173.4**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **DSF**  
 Description: **Deposits Settled Fine**

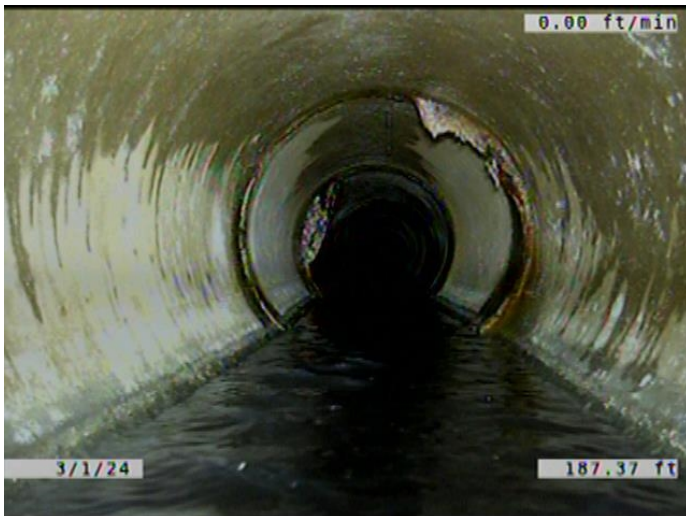
Distance (ft): **173.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **173.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F08**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

---



Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **187.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index: **F07**  
Within 8" of Joint: **NO**  
Remarks:

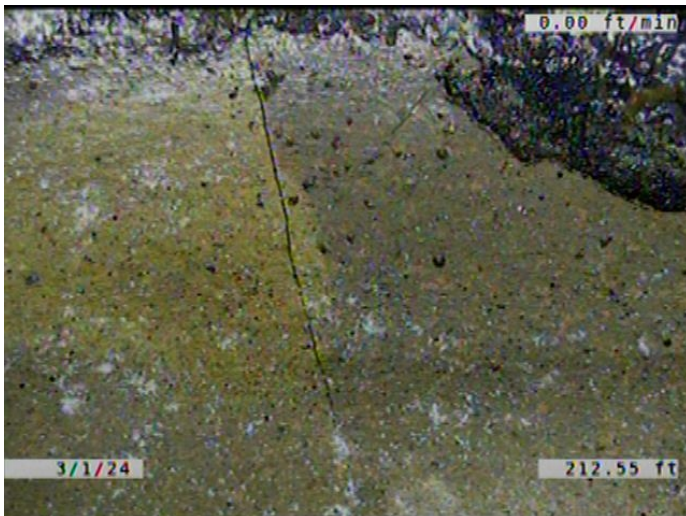
---



Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **200.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **40.000**  
Continuous Index: **S09**  
Within 8" of Joint: **NO**  
Remarks:

---

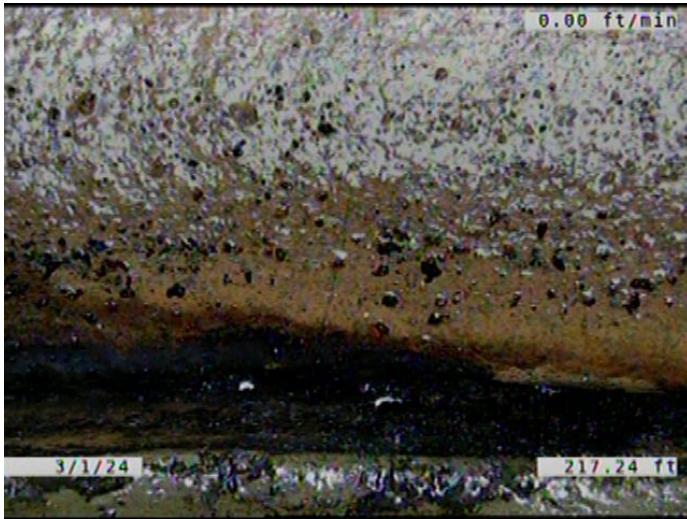


Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **212.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S10**  
Within 8" of Joint: **YES**  
Remarks:

---

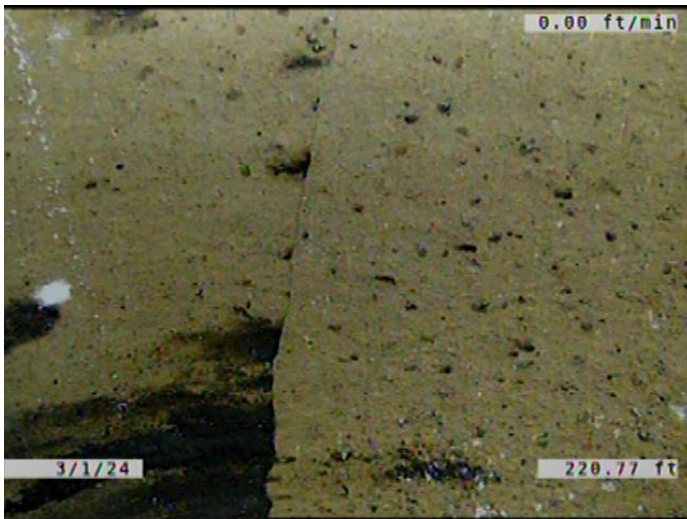




Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **217.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F10**  
Within 8" of Joint: **YES**  
Remarks:

---

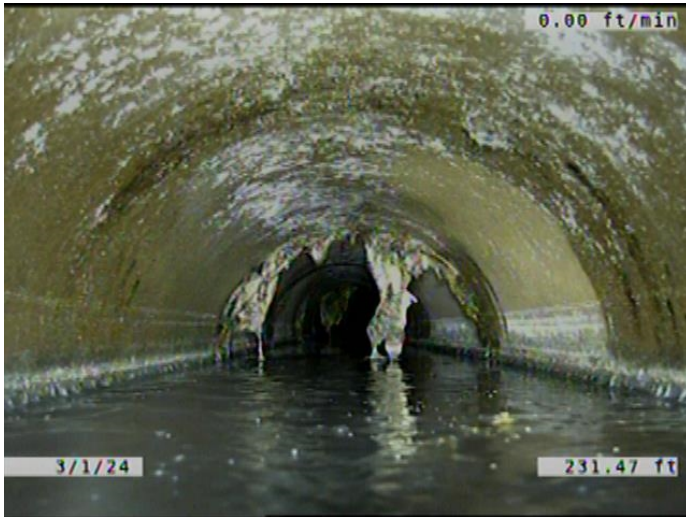


Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **220.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

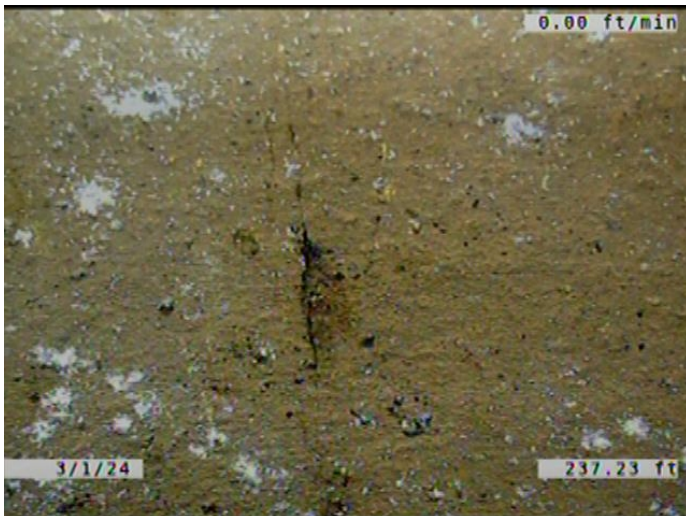




Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **231.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S11**  
Within 8" of Joint: **YES**  
Remarks:

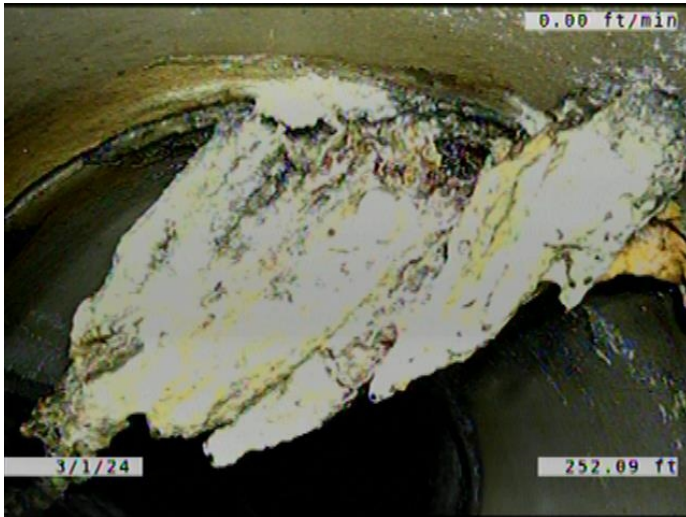
---



Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **237.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **252.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

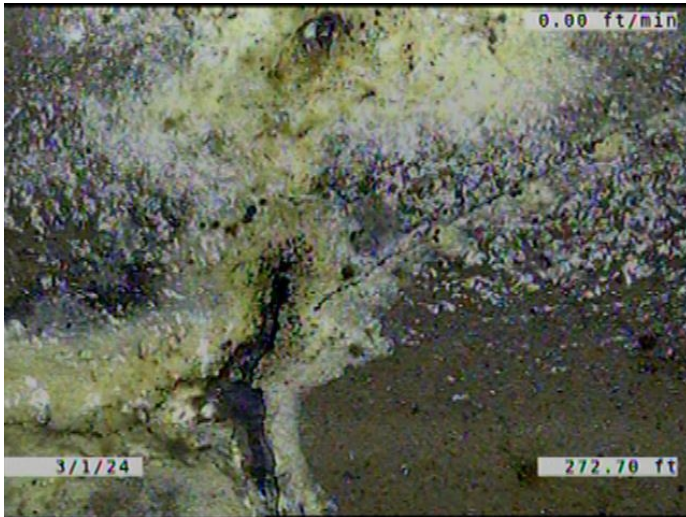
---



Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

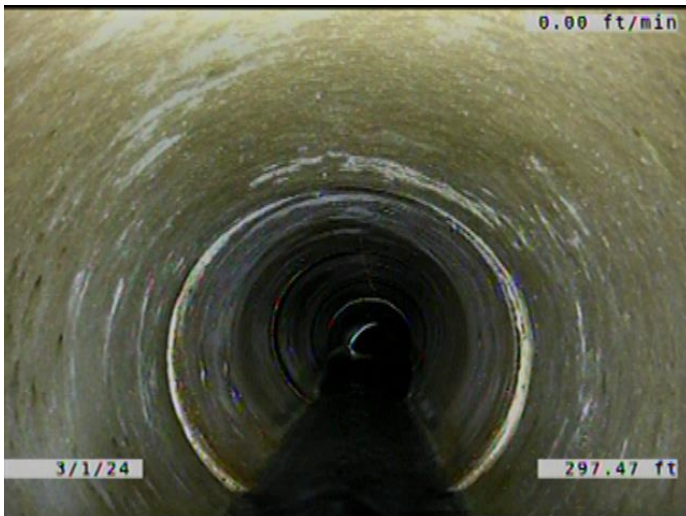
Distance (ft): **270.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **40.000**  
Continuous Index: **F09**  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **CM**  
 Description: **Crack Multiple**

Distance (ft): **272.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **LD**  
 Description: **Line Down**

Distance (ft): **297.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

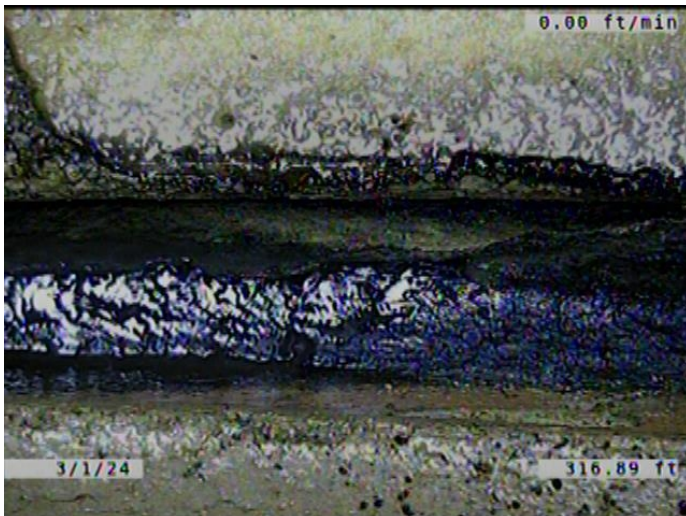




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **306.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **75.000**  
Continuous Index: **S12**  
Within 8" of Joint: **NO**  
Remarks:

---

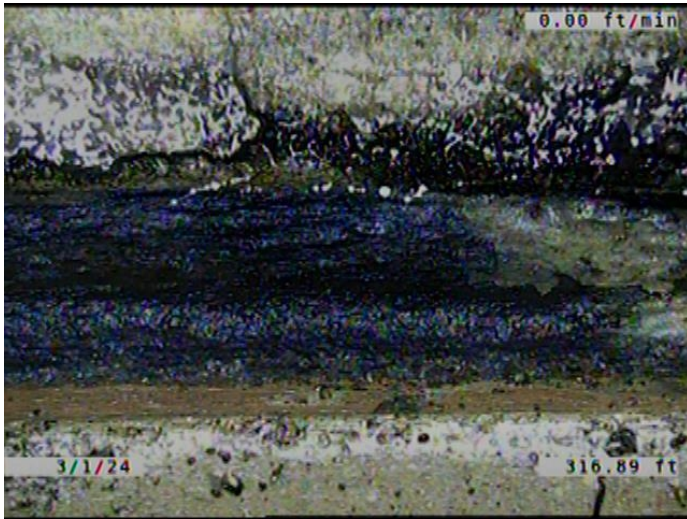


Code: **IRJ**  
Description: **Infiltration Runner Joint**

Distance (ft): **316.9**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---





Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **316.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **JOMD**  
Description: **Joint Offset Medium Defective**

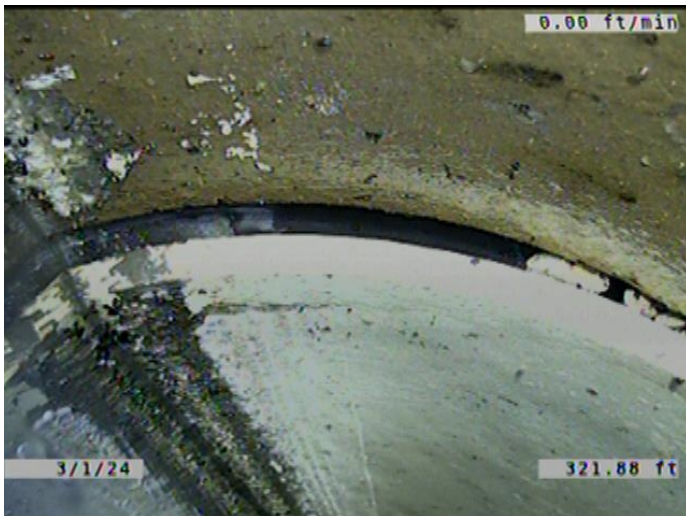
Distance (ft): **316.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



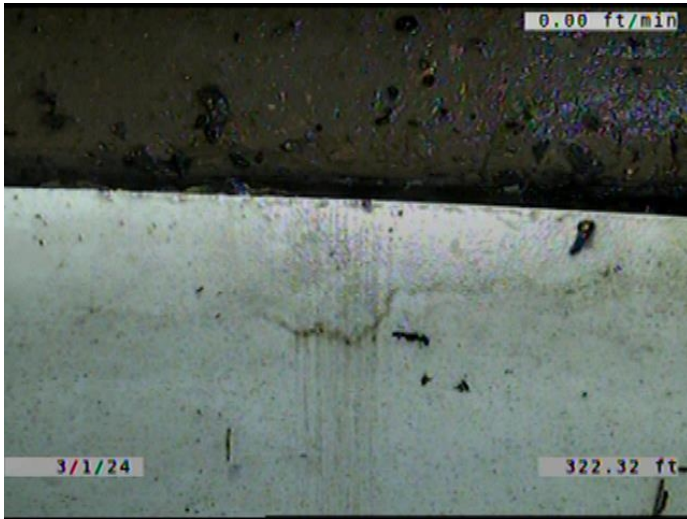
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **321.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **JOMD**  
 Description: **Joint Offset Medium Defective**

Distance (ft): **321.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **RPRD**  
Description: **Point Repair Replacement Defective**

Distance (ft): **322.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC. JOINTS HAVE FAILED AND PIPE HAS DROPPED.**

---



Code: **JOM**  
Description: **Joint Offset Medium**

Distance (ft): **325.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

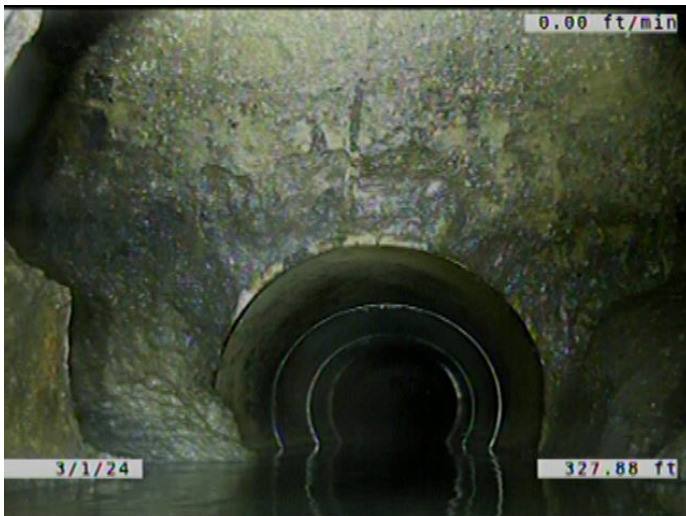




Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **327.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

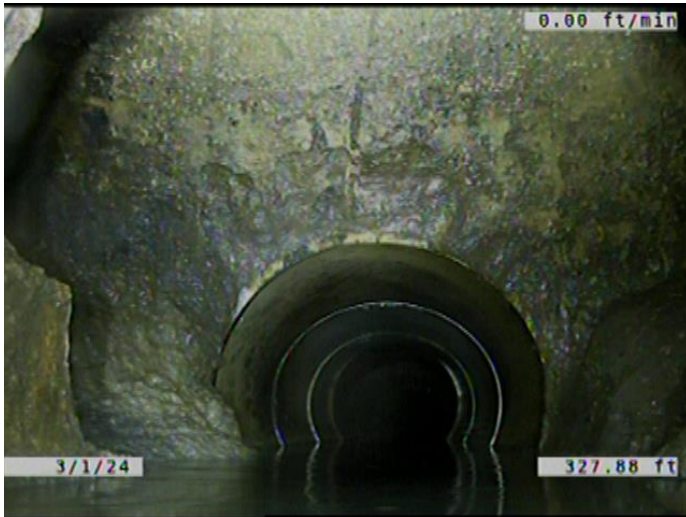
---



Code: **IDJ**  
Description: **Infiltration Dripper Joint**

Distance (ft): **327.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F06**  
Within 8" of Joint: **YES**  
Remarks:

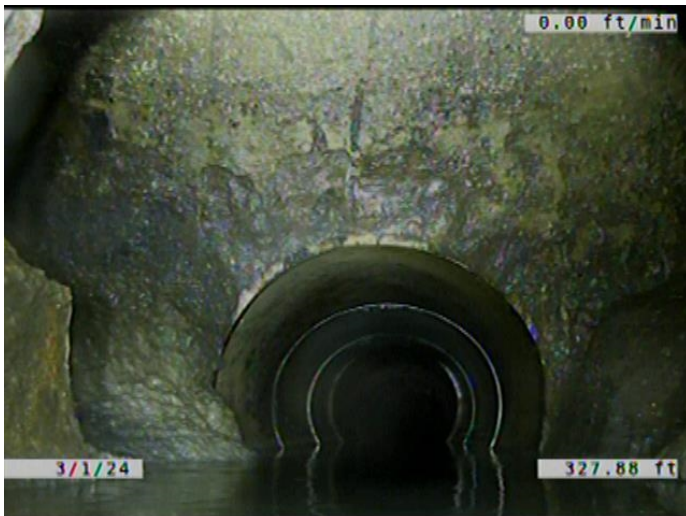
---



Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **327.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F11**  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **327.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **75.000**  
Continuous Index: **F12**  
Within 8" of Joint: **NO**  
Remarks:

---



|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Code:               | MSA                                                    |
| Description:        | Miscellaneous Survey Abandoned                         |
| Distance (ft):      | 327.9                                                  |
| Structural Grade:   | 0                                                      |
| O&M Grade:          | 0                                                      |
| Clock Start/From:   |                                                        |
| Clock To:           |                                                        |
| 1st Value:          |                                                        |
| 2nd Value:          |                                                        |
| Value Percent:      |                                                        |
| Continuous Index:   |                                                        |
| Within 8" of Joint: | NO                                                     |
| Remarks:            | CAMERA CANT MAKE IT PAST LARGE DEFECTIVE OFFSET JOINT. |