

Profile/Photo Observation Report



| | | | | | |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date: | 09/11/2024 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 388.0 | Owner: | City of Hobart | Pre Clean: | Heavy Cleaning |
| P.O.#: | YES502259 | Surveyor: | S. Bucklin | PSR: | P-804-009-010 |
| Customer: | City of Hobart | Clean Date: | 11/15/2022 | Shape: | C |

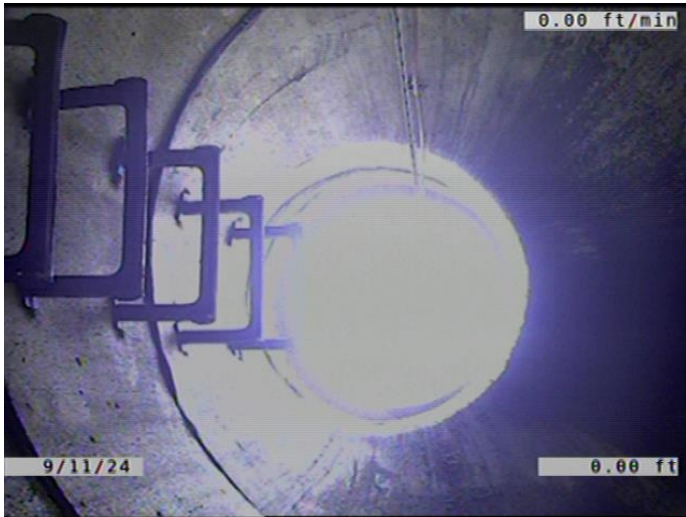
| | | | |
|-------------------|--|-----------------------------|-----------------------|
| Street: | East Cleveland Avenue | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Local rural streets with light traffic, t | Tape/Media #: | |
| Purpose: | Sewer System Evaluation Survey (SS | Dia/Height: | 8" |
| Use: | Sanitary Sewage Pipe | Material: | VCP |
| Drain Area: | | Lining: | None |
| Category: | NA | | |
| Comment: | | | |
| Location Details: | | Direction of Survey: | Upstream |
| US MH: | M-804-009 | DS MH: | M-804-010 |
| | | Total Length Surveyed (ft): | 150.3 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|---------------|
| O&M Index: | 1.50 | O&M Quick: | 2515 | O&M Rating: | 15.00 |
| Structural Index: | 2.64 | Structural Quick: | 443C | Structural Rating: | 124.00 |
| Overall Index: | 2.44 | Overall Quick: | 443C | Overall Rating: | 139.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|--|----------|-----------|-------------------------------|-------------|-------|
| | | | | | |
| | .0 | AMH | Manhole | 0 | NA |
| | .0 | MWL | Miscellaneous Water Level | 70 | NA |
| | 11.2 | MMC | Miscellaneous Material Change | 177 | NA |
| | 12.0 | TF | Tap Factory | 205 | NA |
| | 24.7 | MWL | Miscellaneous Water Level | 281 | NA |
| | 29.0 | MWLS(S01) | Miscellaneous Water Level Sag | 310 | S 2 |
| | 31.6 | LL | Line Left | 334 | M 2 |
| | 34.8 | TF | Tap Factory | 361 | NA |
| | 35.8 | JAM | Joint Angular Medium | 414 | S 3 |
| | 37.1 | MWLS(F01) | Miscellaneous Water Level Sag | 434 | S 2 |
| | 39.3 | MWLS(S02) | Miscellaneous Water Level Sag | 458 | S 2 |
| | 39.4 | LR | Line Right | 467 | M 1 |
| | 43.2 | MWLS(F02) | Miscellaneous Water Level Sag | 498 | S 2 |
| | 48.4 | MWLS(S03) | Miscellaneous Water Level Sag | 535 | S 2 |
| | 55.3 | MWLS(F03) | Miscellaneous Water Level Sag | 581 | S 2 |
| | 57.4 | MWLS(S04) | Miscellaneous Water Level Sag | 601 | S 2 |
| | 68.3 | FM | Fracture Multiple | 720 | S 4 |
| | 68.3 | RPR(S05) | Point Repair Replacement | 735 | NA |
| | 68.3 | JOM | Joint Offset Medium | 746 | S 3 |

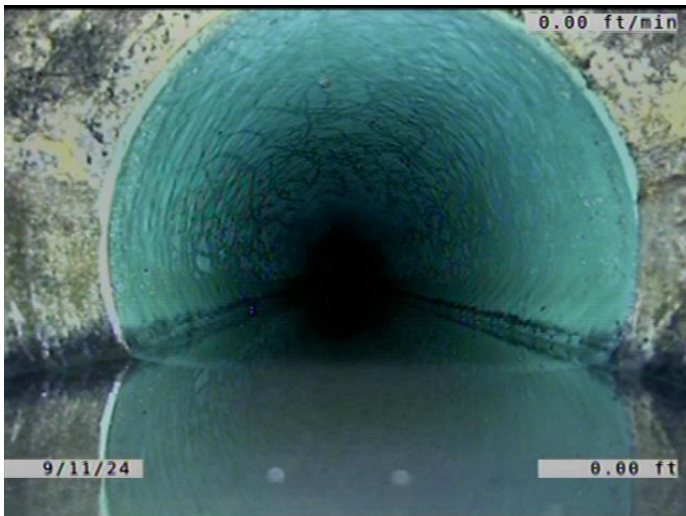
| | | | | |
|-------|-----------|--------------------------------|------|-----|
| 69.4 | TF | Tap Factory | 777 | NA |
| 73.4 | RPR(F05) | Point Repair Replacement | 856 | NA |
| 73.4 | JSL | Joint Separated Large | 868 | S 4 |
| 73.4 | CM(S06) | Crack Multiple | 894 | S 3 |
| 75.6 | CM | Crack Multiple | 964 | S 3 |
| 75.8 | TBI | Tap Break-in Intruding | 983 | M 2 |
| 88.3 | MWLS(F04) | Miscellaneous Water Level Sag | 1076 | S 2 |
| 93.0 | MWLS(S07) | Miscellaneous Water Level Sag | 1107 | S 2 |
| 95.2 | JOMD | Joint Offset Medium Defective | 1140 | S 3 |
| 98.4 | TF | Tap Factory | 1175 | NA |
| 100.4 | TFC | Tap Factory Capped | 1208 | NA |
| 102.7 | CM | Crack Multiple | 1274 | S 3 |
| 102.9 | TBI | Tap Break-in Intruding | 1298 | M 2 |
| 105.5 | RFJ | Roots Fine Joint | 1407 | M 1 |
| 105.5 | B | Broken | 1421 | S 4 |
| 106.3 | FM | Fracture Multiple | 1466 | S 4 |
| 106.4 | TBI | Tap Break-in Intruding | 1483 | M 2 |
| 111.9 | JAM | Joint Angular Medium | 1560 | S 3 |
| 121.6 | LR | Line Right | 1619 | M 1 |
| 126.4 | LL(S08) | Line Left | 1645 | M 1 |
| 132.2 | LL(F08) | Line Left | 1679 | M 1 |
| 132.2 | LR | Line Right | 1689 | M 1 |
| 140.6 | JOMD | Joint Offset Medium Defective | 1757 | S 3 |
| 141.8 | MWLS(F07) | Miscellaneous Water Level Sag | 1777 | S 2 |
| 143.3 | MWLS(S09) | Miscellaneous Water Level Sag | 1798 | S 2 |
| 147.9 | TFC | Tap Factory Capped | 1843 | NA |
| 150.1 | TBI | Tap Break-in Intruding | 1910 | M 2 |
| 150.2 | CM(F06) | Crack Multiple | 1938 | S 3 |
| 150.2 | MWLS(F09) | Miscellaneous Water Level Sag | 1946 | S 2 |
| 150.3 | MSA | Miscellaneous Survey Abandoned | 1965 | NA |

M-804-009



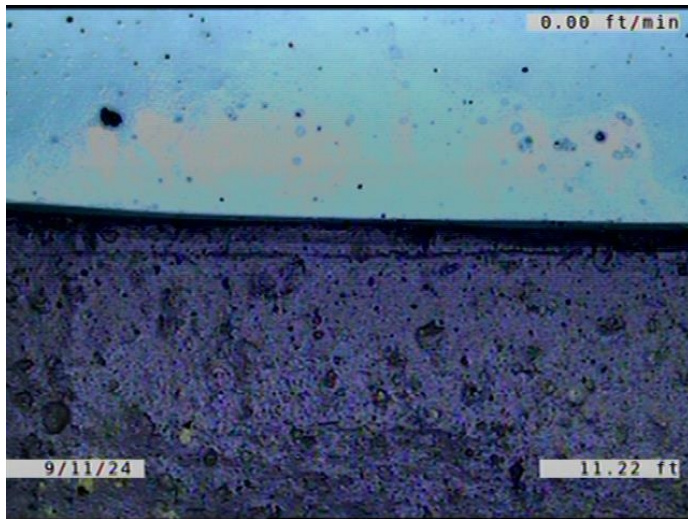
Code: **AMH**
Description: **Manhole**

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-804-010**

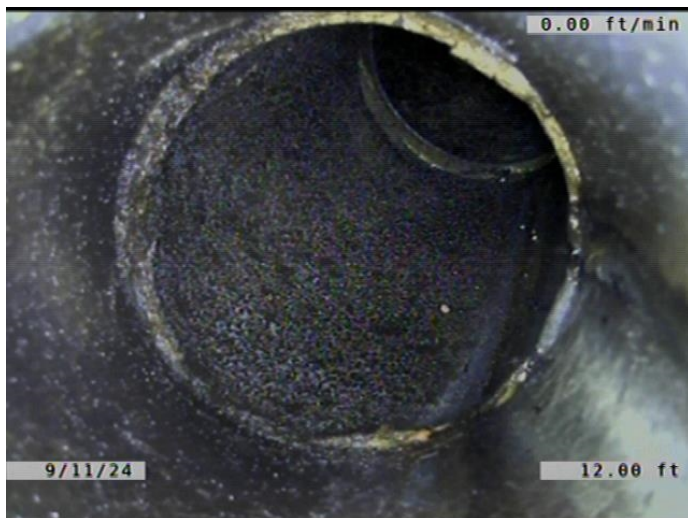


Code: **MWL**
Description: **Miscellaneous Water Level**

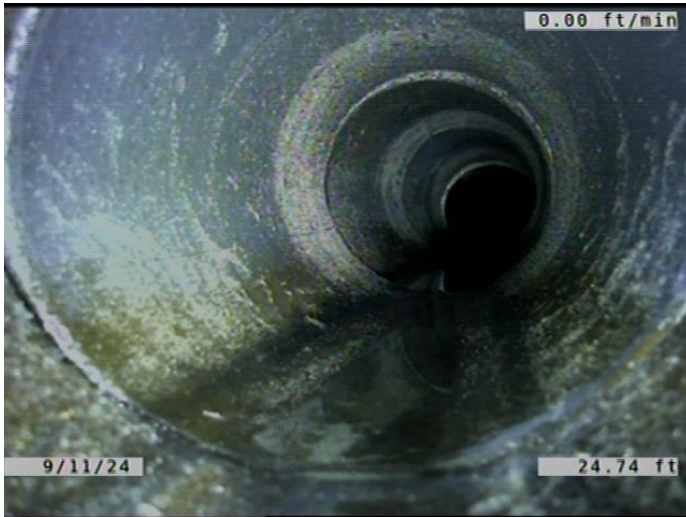
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



| | |
|---------------------|--------------------------------------|
| Code: | MMC |
| Description: | Miscellaneous Material Change |
| Distance (ft): | 11.2 |
| 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: | PVC TO VCP |



| | |
|---------------------|--------------------|
| Code: | TF |
| Description: | Tap Factory |
| Distance (ft): | 12.0 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 2 |
| Clock To: | |
| 1st Value: | 6.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |



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

Distance (ft): **24.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



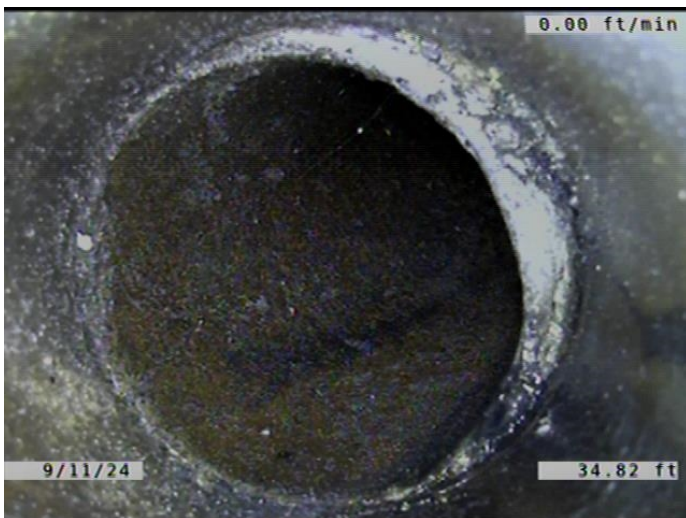
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **29.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



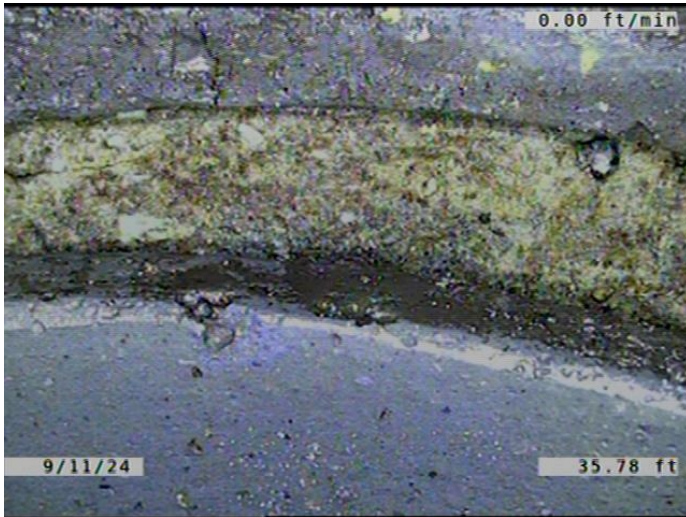
Code: **LL**
Description: **Line Left**

Distance (ft): **31.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **TF**
Description: **Tap Factory**

Distance (ft): **34.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE ANGLED.**



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

Distance (ft): **35.8**
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:



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

Distance (ft): **37.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **39.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



Code: **LR**
Description: **Line Right**

Distance (ft): **39.4**
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): **43.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **48.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



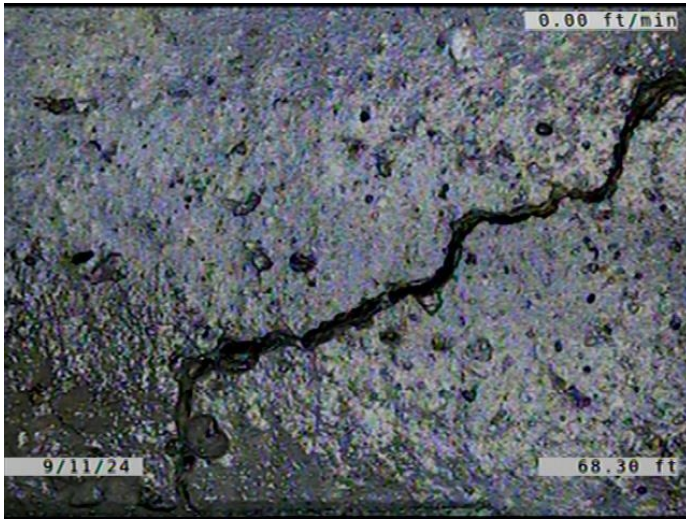
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **55.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



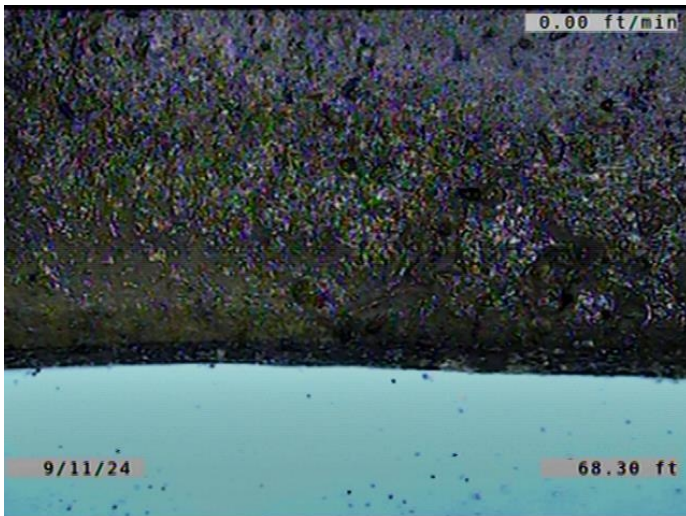
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **57.4**
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:



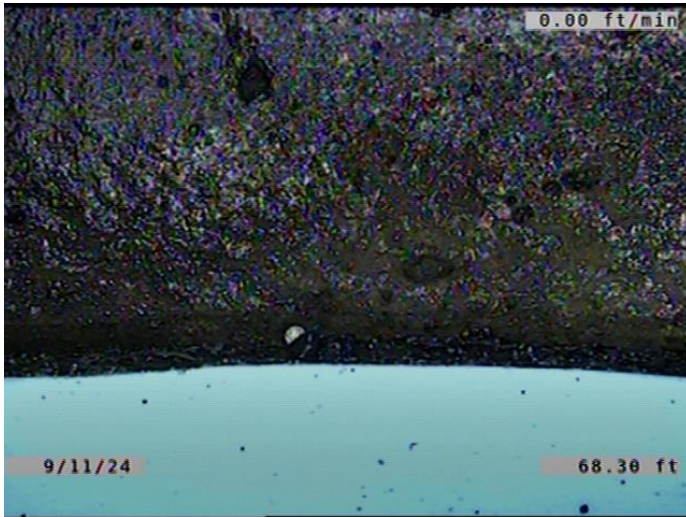
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **68.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



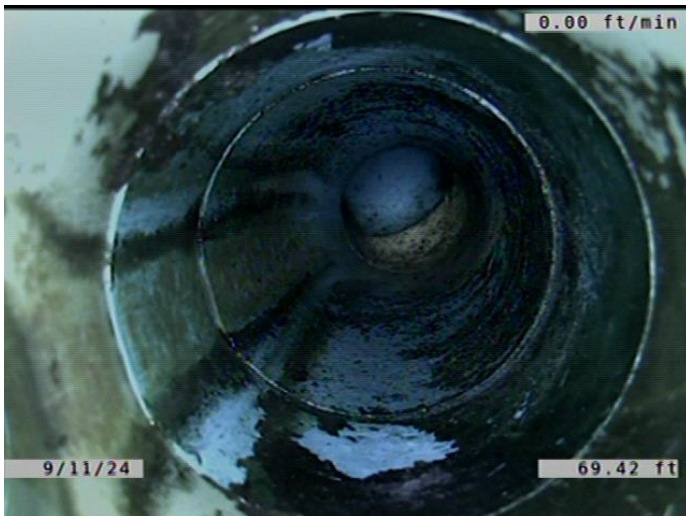
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **68.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks: **PIPE REPLACED WITH PVC.**



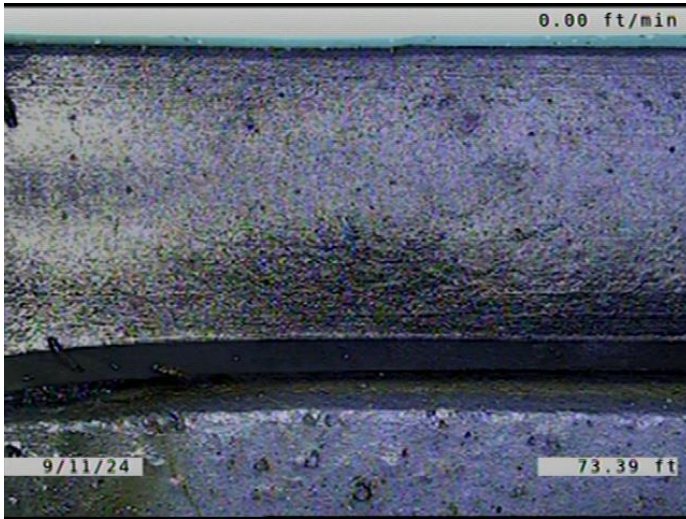
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **68.3**
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:



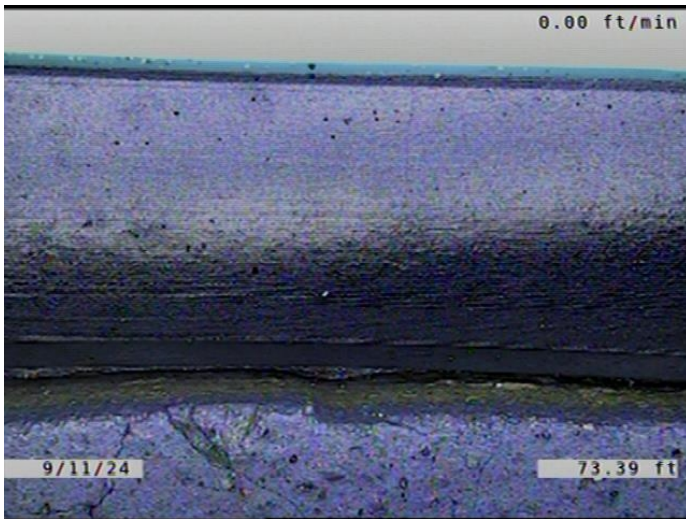
Code: **TF**
Description: **Tap Factory**

Distance (ft): **69.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE IS PVC.**



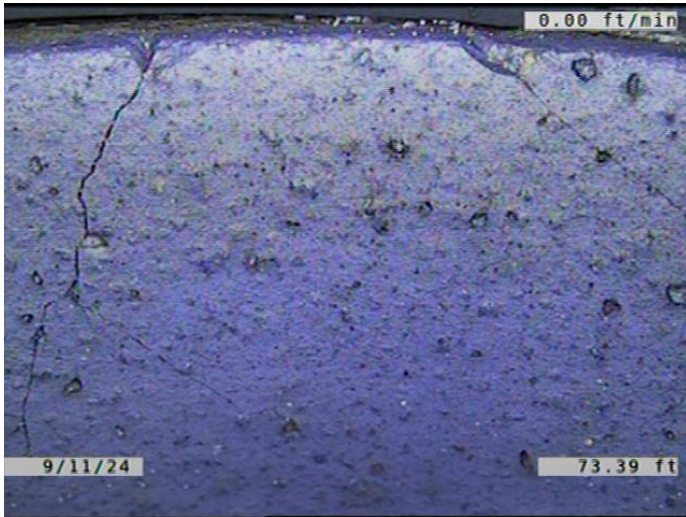
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **73.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F05**
Within 8" of Joint: **YES**
Remarks: **PIPE REPLACED WITH PVC.**



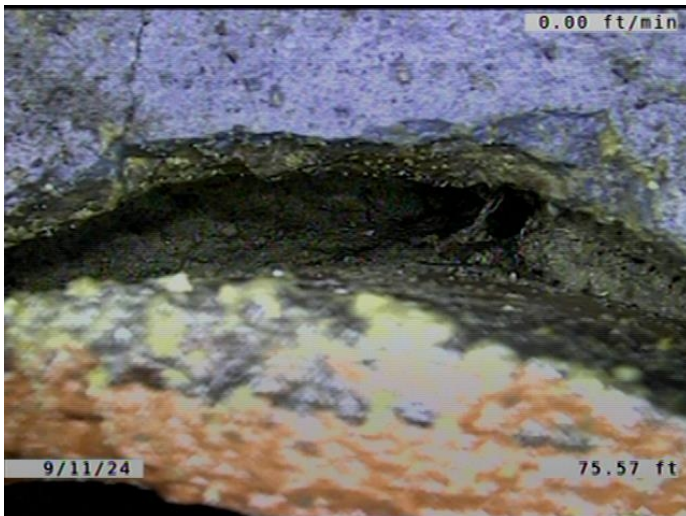
Code: **JSL**
Description: **Joint Separated Large**

Distance (ft): **73.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **73.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **75.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **75.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value: **2.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SOIL IN THE SERVICE.**



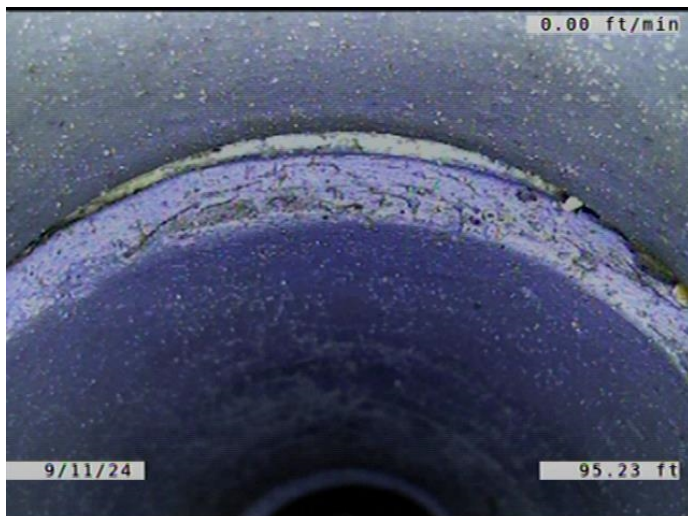
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **88.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



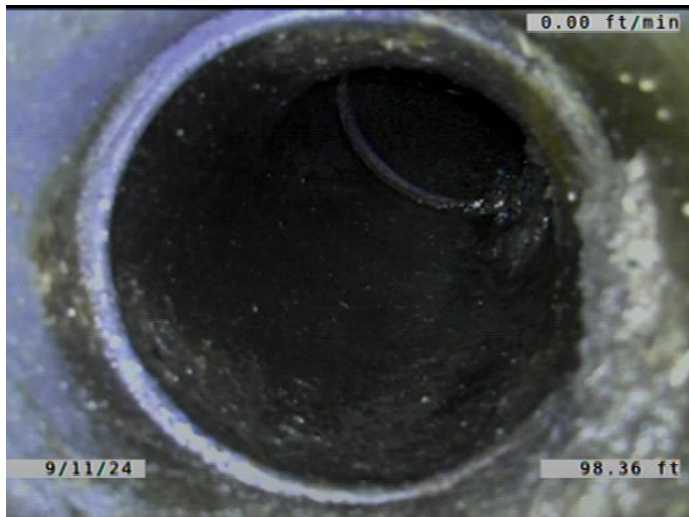
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **93.0**
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:



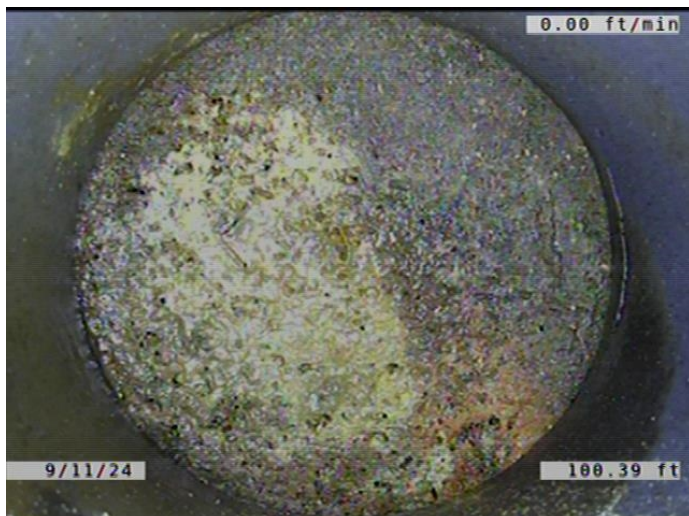
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **95.2**
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:



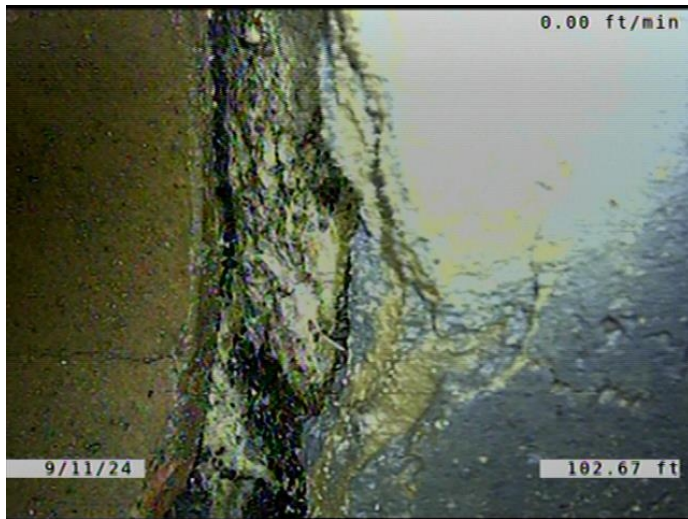
Code: **TF**
Description: **Tap Factory**

Distance (ft): **98.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



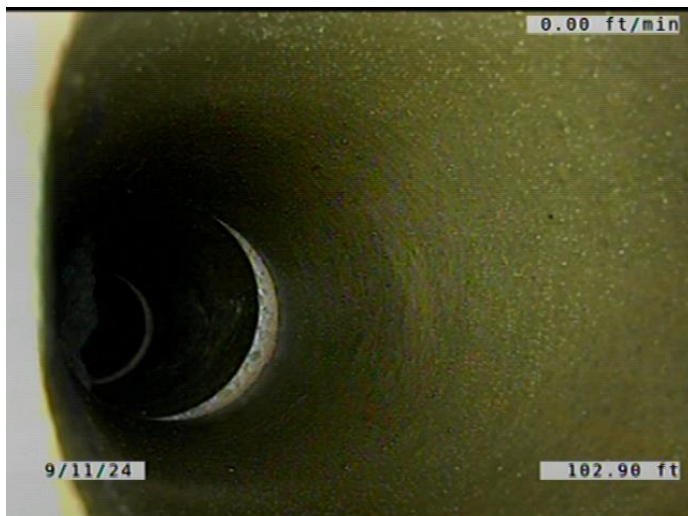
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **100.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **102.7**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



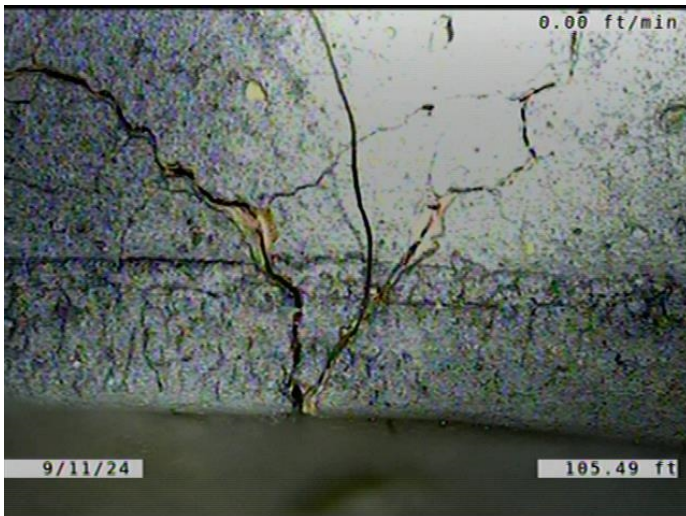
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **102.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To:
 1st Value: **6.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **SOIL IN THE SERVICE.**



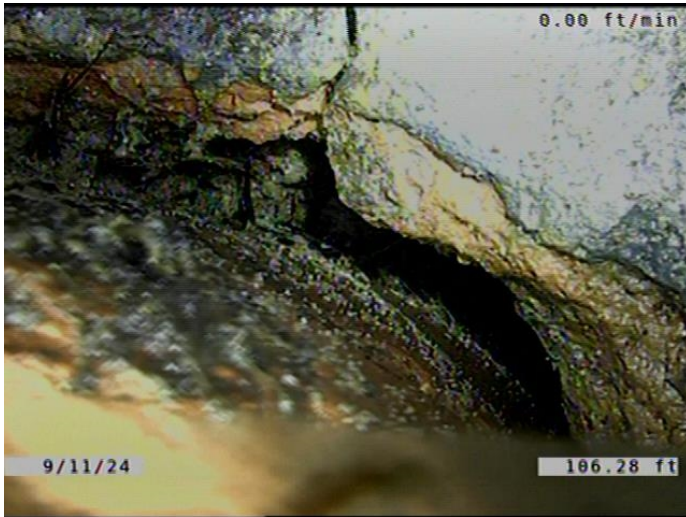
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **105.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



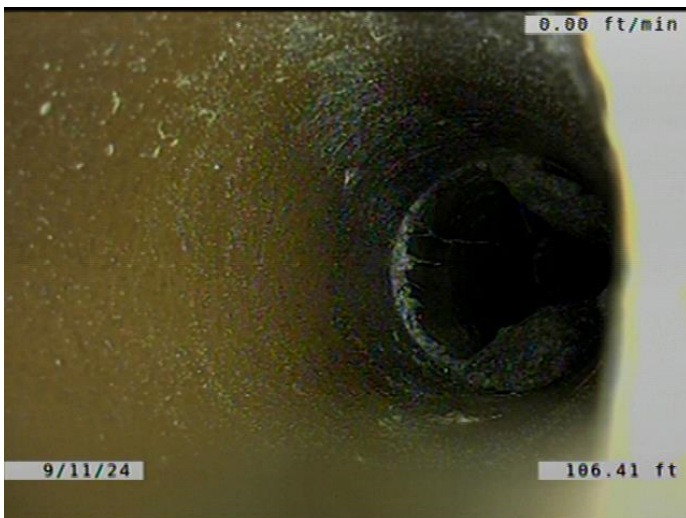
Code: **B**
Description: **Broken**

Distance (ft): **105.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



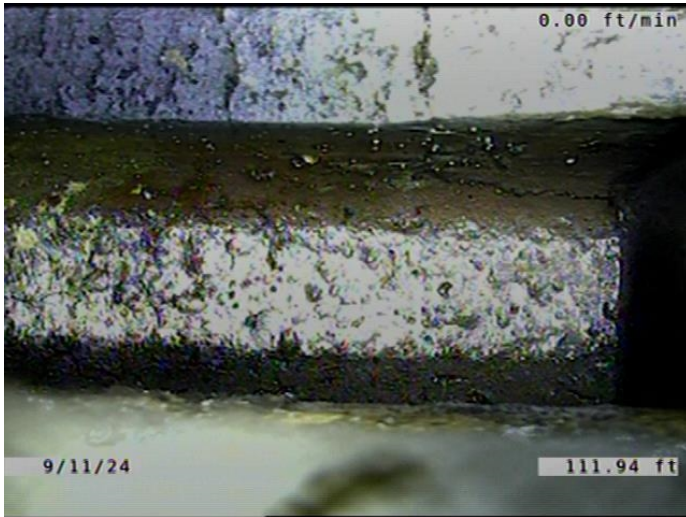
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **106.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **106.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value: **3.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING IN THE JOINTS OF THE SERVICE.**



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

Distance (ft): **111.9**
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: **LR**
Description: **Line Right**

Distance (ft): **121.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **126.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **132.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



Code: **LR**
Description: **Line Right**

Distance (ft): **132.2**
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: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **140.6**
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:



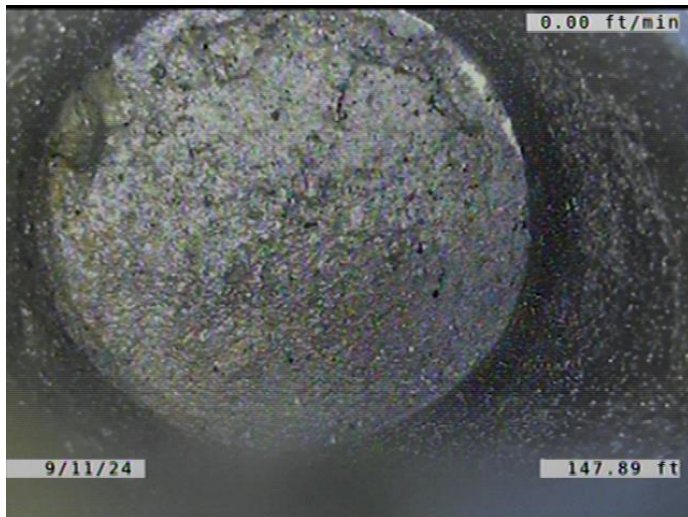
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **141.8**
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:



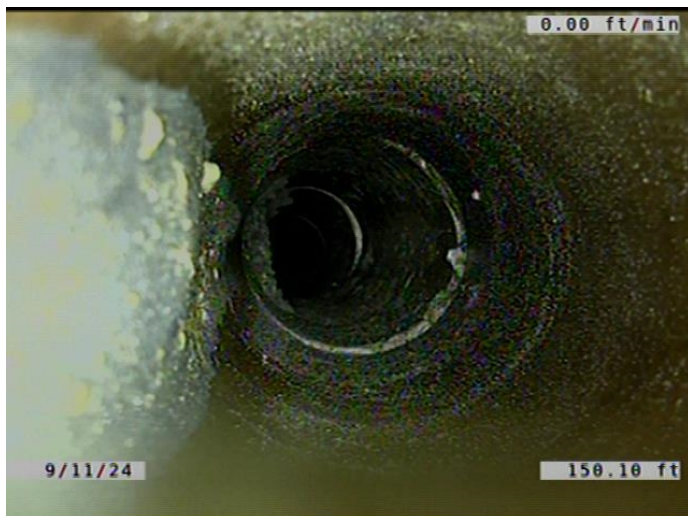
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **143.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S09**
Within 8" of Joint: **NO**
Remarks:



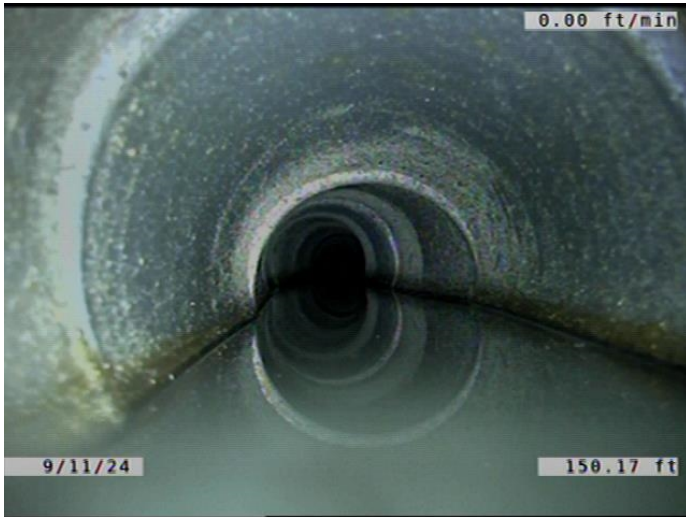
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **147.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



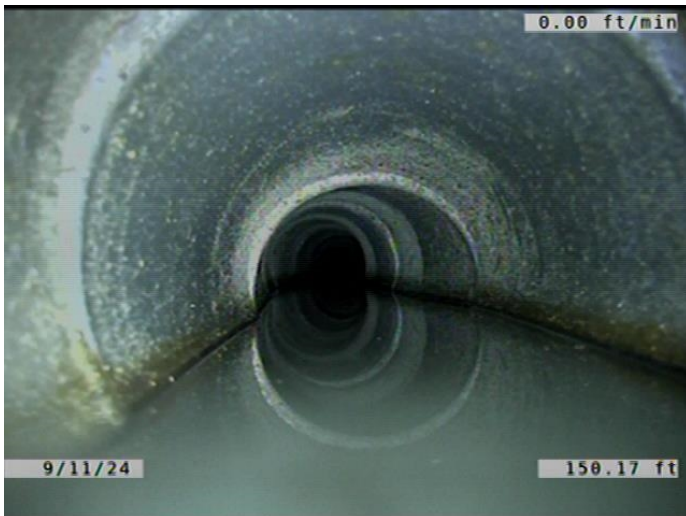
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **150.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To:
1st Value: **6.000**
2nd Value: **3.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SOIL IN THE SERVICE.**



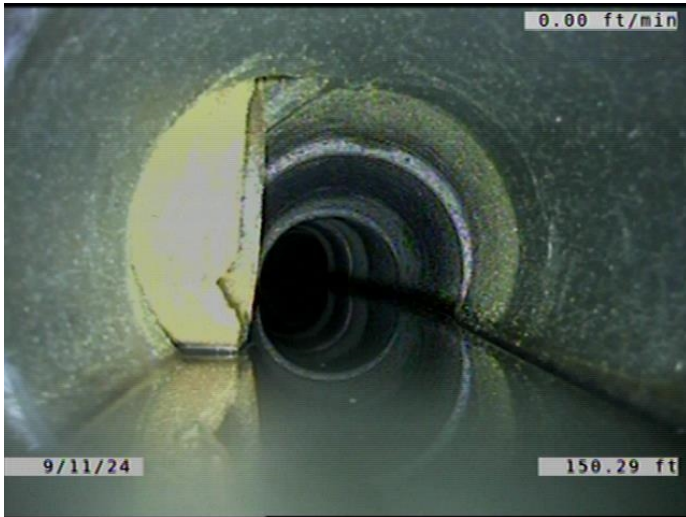
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **150.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F06**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **150.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F09**
Within 8" of Joint: **NO**
Remarks:



| | |
|---------------------|--|
| Code: | MSA |
| Description: | Miscellaneous Survey Abandoned |
| Distance (ft): | 150.3 |
| 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 PROTRUDING TAP. |