

Profile/Photo Observation Report



| | | | | | |
|-------------------|----------------|-------------|----------------|------------|----------------|
| Date: | 07/24/2023 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 140.8 | Owner: | City of Hobart | Pre Clean: | Heavy Cleaning |
| P.O.#: | YES502259 | Surveyor: | S. Bucklin | PSR: | P-902-018-017 |
| Customer: | City of Hobart | Clean Date: | 06/01/2023 | Shape: | C |

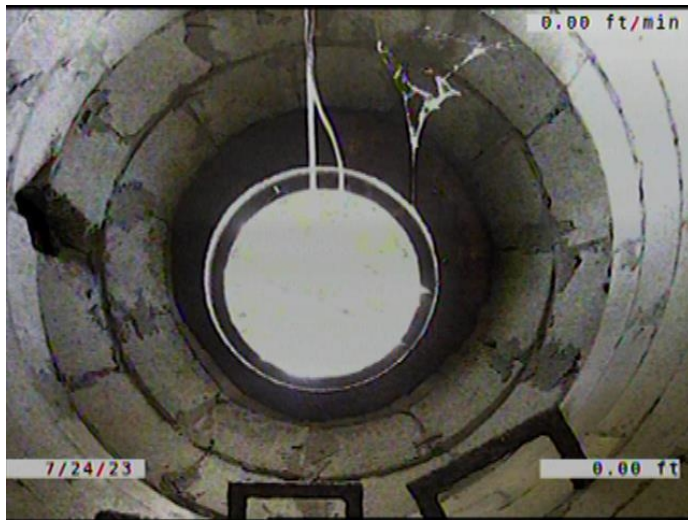
| | | | |
|-------------------|-----------------------|-----------------------------|----------------|
| Street: | East 34th Court | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Easement/Right of Way | Tape/Media #: | |
| Purpose: | Routine Assessment | Dia/Height: | 10" |
| Use: | Sanitary Sewage Pipe | Material: | VCP |
| Drain Area: | | Lining: | None |
| Category: | NA | | |
| Comment: | | | |
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-902-017 | DS MH: | M-902-018 |
| | | Total Length Surveyed (ft): | 145.0 |

| | | | | | |
|-------------------|------|-------------------|------|--------------------|--------|
| O&M Index: | 2.14 | O&M Quick: | 3C2J | O&M Rating: | 182.00 |
| Structural Index: | 3.19 | Structural Quick: | 4539 | Structural Rating: | 51.00 |
| Overall Index: | 2.31 | Overall Quick: | 453E | Overall Rating: | 233.00 |

| Position | Code | Observation | Video (sec) | Grade |
|----------|----------|--------------------------------|-------------|-------|
| | | | | |
| .0 | AMH | Manhole | 0 | NA |
| .0 | MWL | Miscellaneous Water Level | 87 | NA |
| .0 | DSF(S01) | Deposits Settled Fine | 94 | M 2 |
| 2.6 | B | Broken | 155 | S 4 |
| 3.2 | RFJ | Roots Fine Joint | 213 | M 1 |
| 9.3 | DAE(S02) | Deposits Attached Encrustation | 300 | M 2 |
| 13.9 | CM | Crack Multiple | 374 | S 3 |
| 21.6 | RFJ | Roots Fine Joint | 472 | M 1 |
| 21.6 | CM | Crack Multiple | 515 | S 3 |
| 39.8 | RMJ(S03) | Roots Medium Joint | 634 | M 3 |
| 69.4 | TFD | Tap Factory Defective | 816 | M 3 |
| 70.5 | B | Broken | 886 | S 4 |
| 70.5 | JAM | Joint Angular Medium | 913 | S 3 |
| 70.6 | LD | Line Down | 927 | M 1 |
| 81.5 | JAL | Joint Angular Large | 1029 | S 4 |
| 84.7 | B | Broken | 1145 | S 4 |
| 88.5 | TFD | Tap Factory Defective | 1188 | M 3 |
| 94.3 | CM | Crack Multiple | 1268 | S 3 |
| 94.3 | IWB | Infiltration Weeper Barrel | 1284 | M 2 |

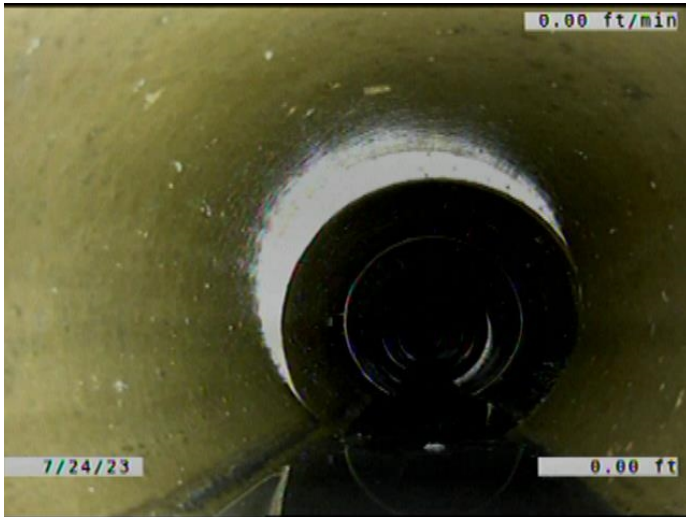
| | | | | |
|-------|-----------|--------------------------------|------|-----|
| 98.4 | ISB | Infiltration Stain Barrel | 1345 | M 1 |
| 98.4 | CM | Crack Multiple | 1374 | S 3 |
| 98.4 | ISB | Infiltration Stain Barrel | 1398 | M 1 |
| 101.4 | CM | Crack Multiple | 1452 | S 3 |
| 101.4 | ISB | Infiltration Stain Barrel | 1465 | M 1 |
| 104.4 | CM | Crack Multiple | 1504 | S 3 |
| 104.4 | ISB | Infiltration Stain Barrel | 1516 | M 1 |
| 107.4 | ISJ | Infiltration Stain Joint | 1551 | M 1 |
| 110.4 | DAE | Deposits Attached Encrustation | 1637 | M 2 |
| 121.3 | CM | Crack Multiple | 1763 | S 3 |
| 126.3 | JAL | Joint Angular Large | 1814 | S 4 |
| 126.3 | LL | Line Left | 1825 | M 1 |
| 132.0 | JAM | Joint Angular Medium | 1859 | S 3 |
| 132.1 | MMC | Miscellaneous Material Change | 1891 | NA |
| 132.1 | MWLS(S04) | Miscellaneous Water Level Sag | 1912 | S 2 |
| 132.4 | RMJ(F03) | Roots Medium Joint | 1924 | M 3 |
| 132.4 | DAE(F02) | Deposits Attached Encrustation | 1932 | M 2 |
| 142.5 | DSF(F01) | Deposits Settled Fine | 1976 | M 2 |
| 142.5 | MWLS(F04) | Miscellaneous Water Level Sag | 1984 | S 2 |
| 145.0 | AMH | Manhole | 2077 | NA |

M-902-018



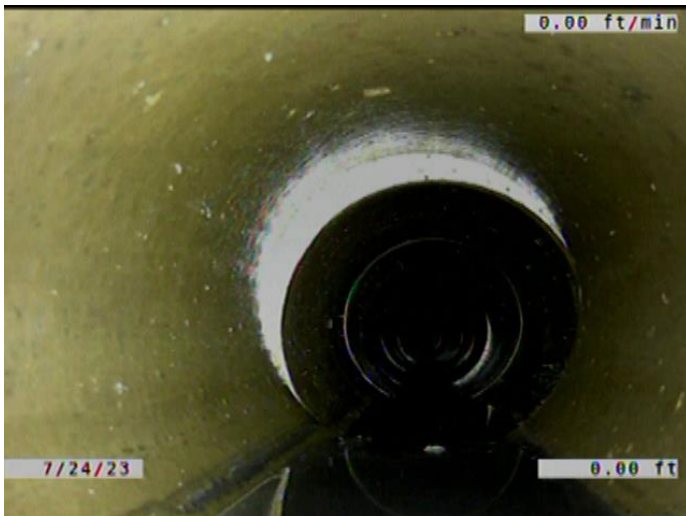
Code: **AMH**
Description: **Manhole**

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-902-017**



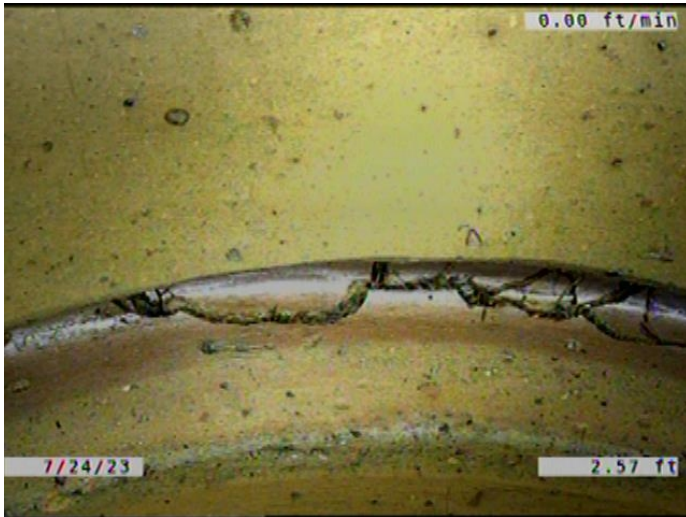
Code: **MWL**
Description: **Miscellaneous Water Level**

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



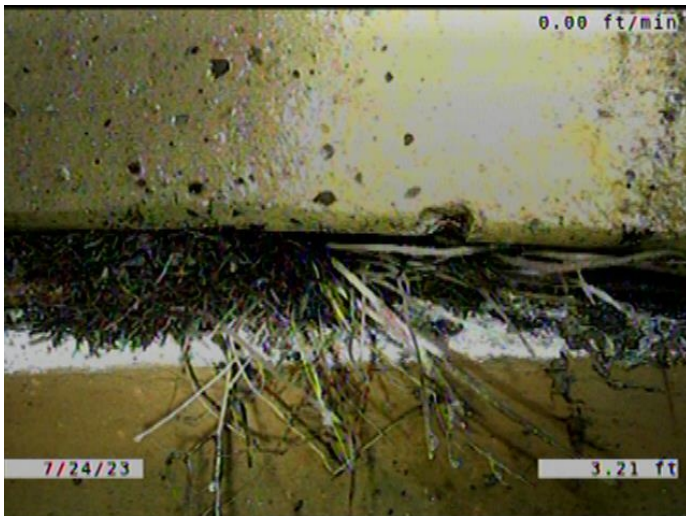
Code: **DSF**
Description: **Deposits Settled Fine**

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



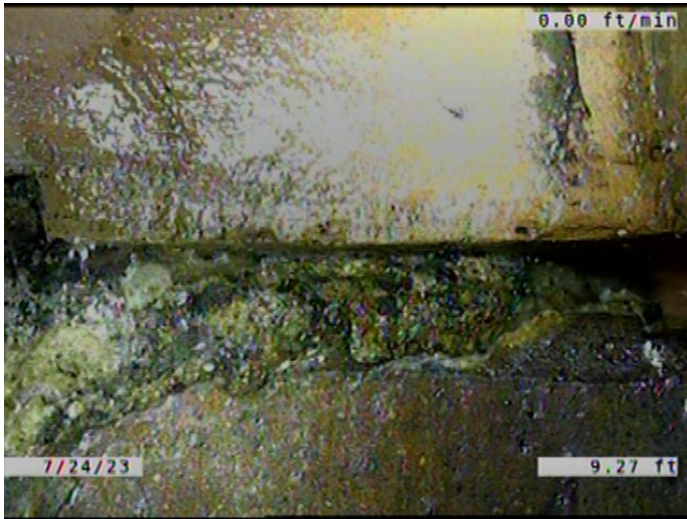
Code: **B**
 Description: **Broken**

Distance (ft): **2.6**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



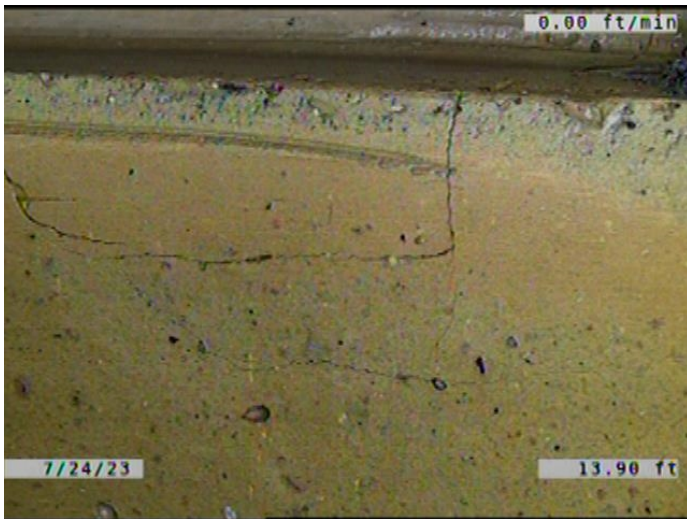
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **3.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **9.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **13.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



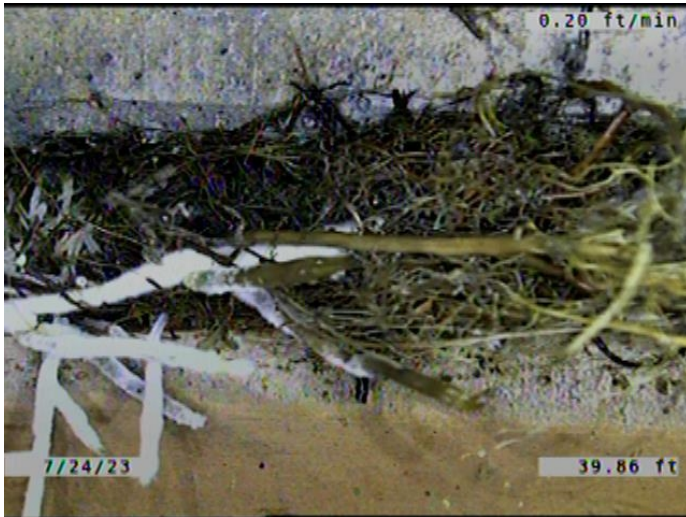
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **21.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



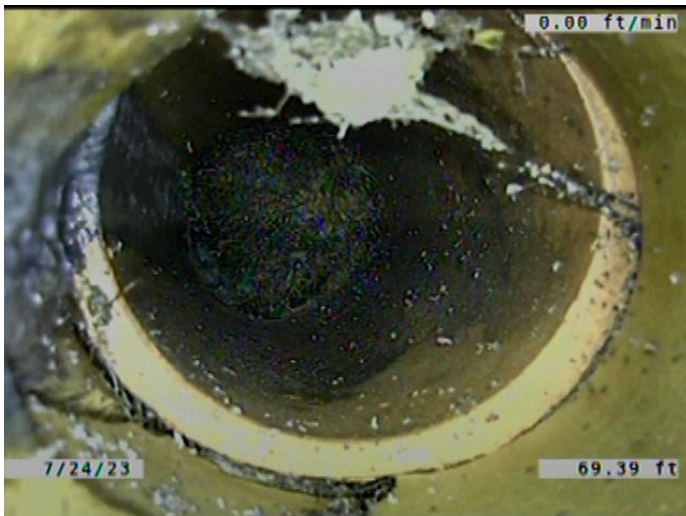
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **21.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **39.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



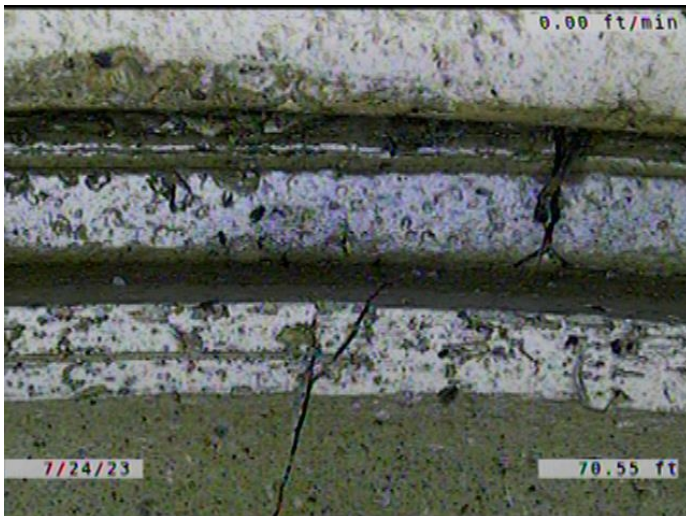
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **69.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP BROKEN. SOIL VISIBLE. SERVICE 95% PLUGGED WITH ROOTS.**



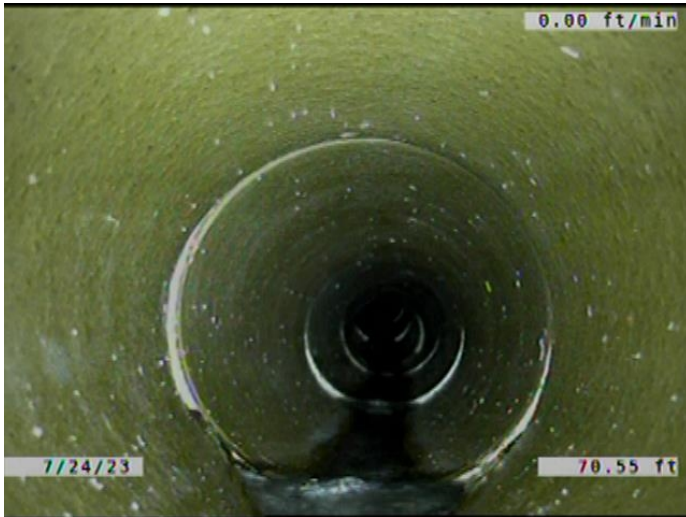
Code: **B**
Description: **Broken**

Distance (ft): **70.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



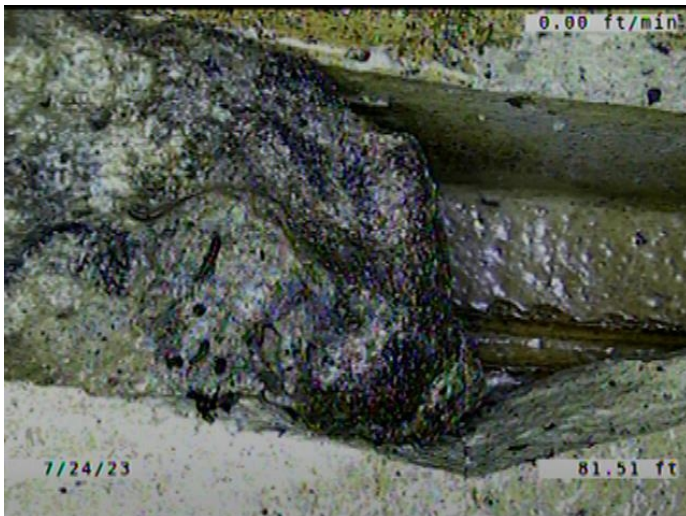
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **70.5**
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:



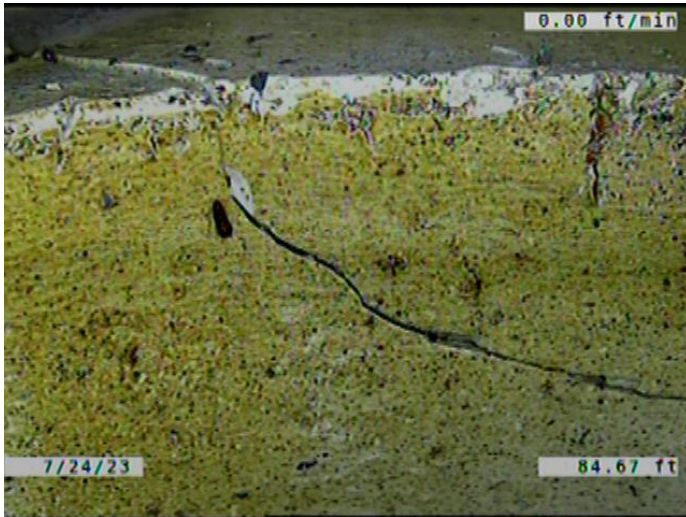
Code: **LD**
Description: **Line Down**

Distance (ft): **70.6**
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:



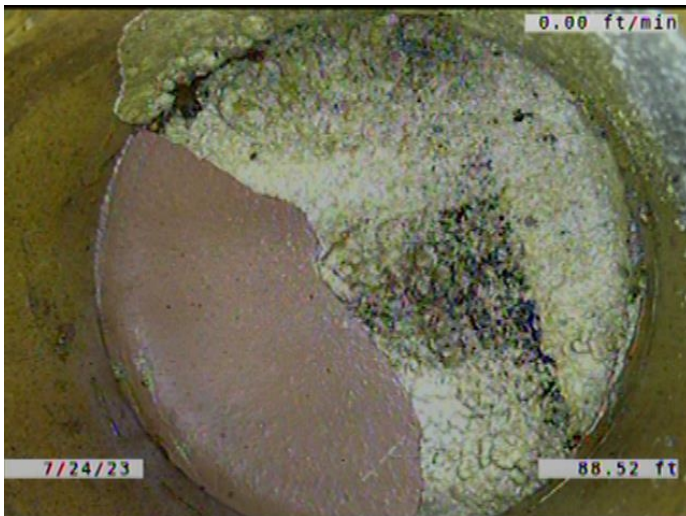
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **81.5**
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:



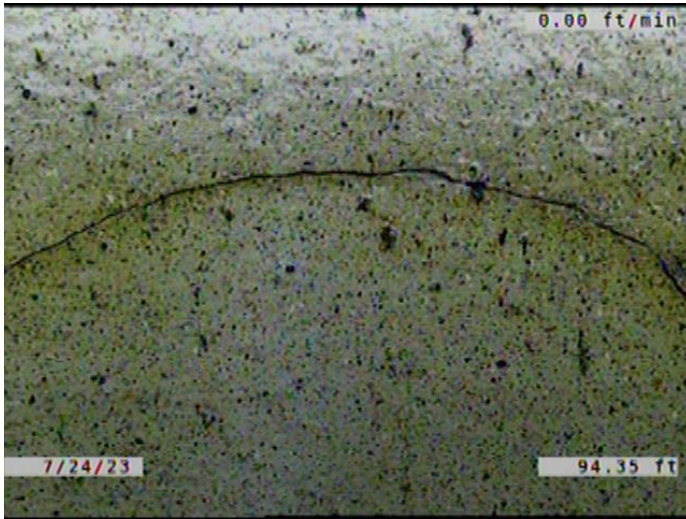
Code: **B**
Description: **Broken**

Distance (ft): **84.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



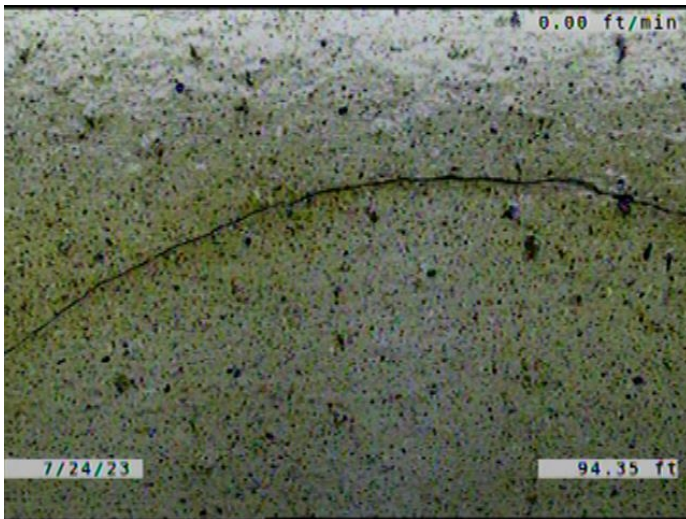
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **88.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CAPPED. ENCRUSTATION COMING AROUND THE CAP.**



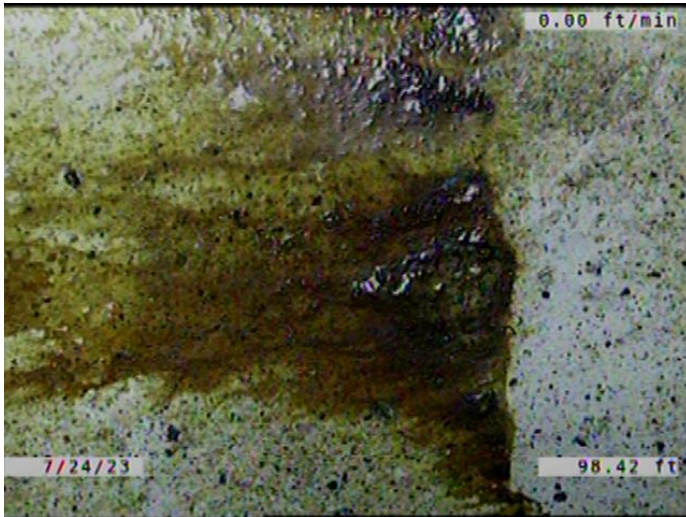
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **94.3**
Structural Grade: **3**
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:



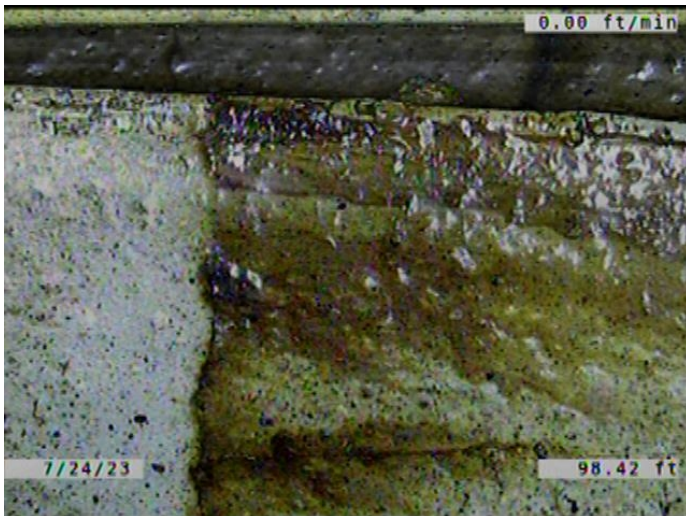
Code: **IWB**
Description: **Infiltration Weeper Barrel**

Distance (ft): **94.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



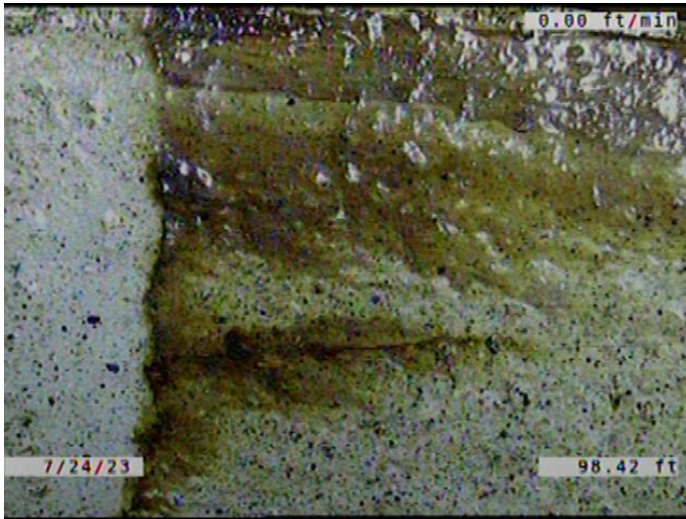
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **98.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **7**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



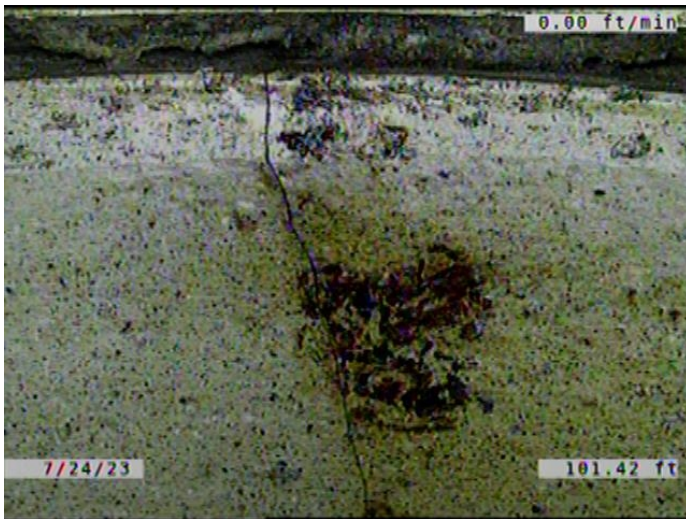
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **98.4**
 Structural Grade: **3**
 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:



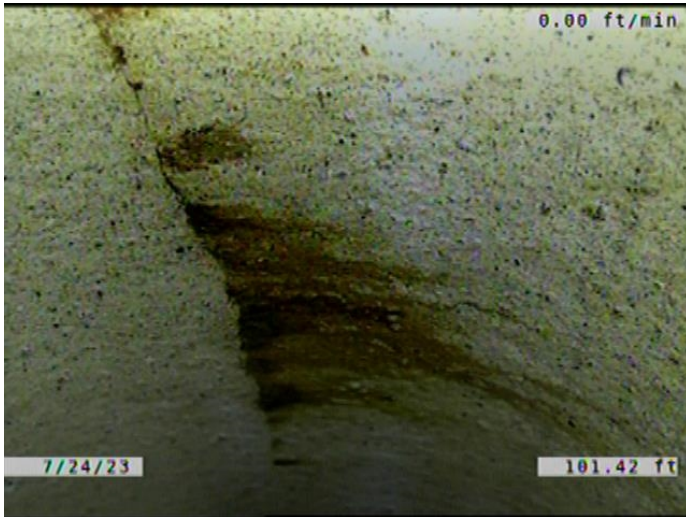
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **98.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



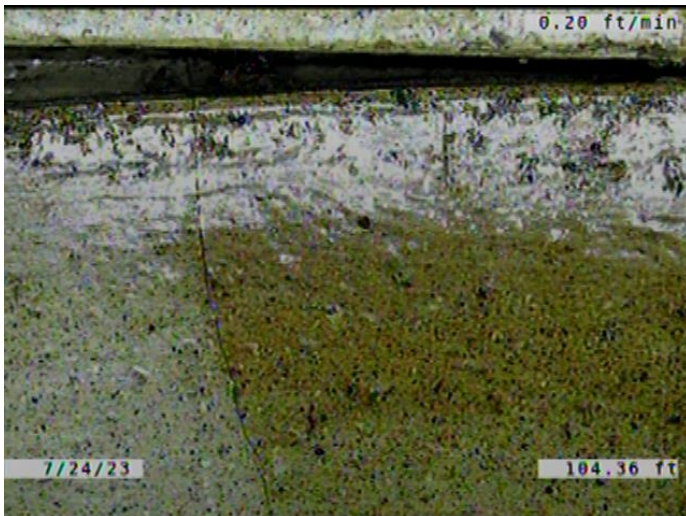
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **101.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



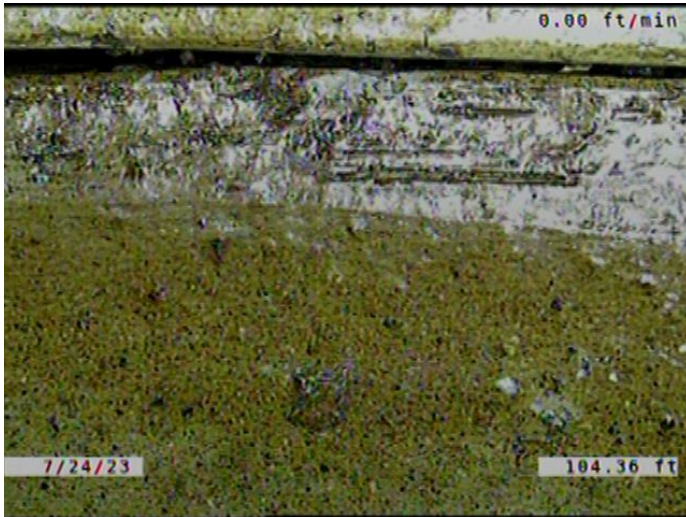
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **101.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



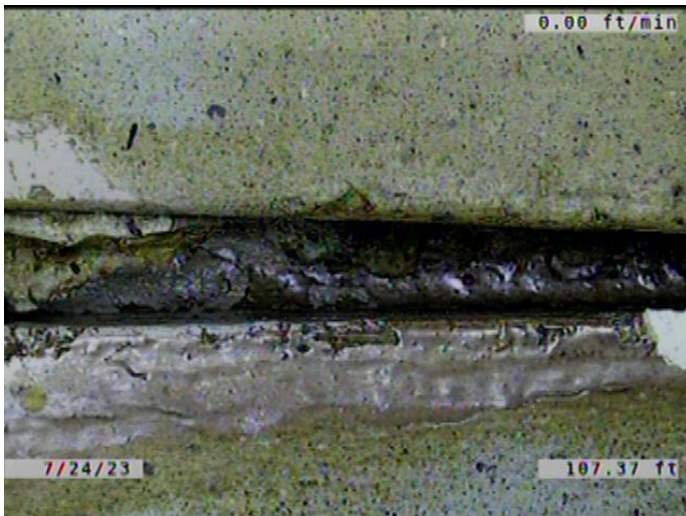
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **104.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



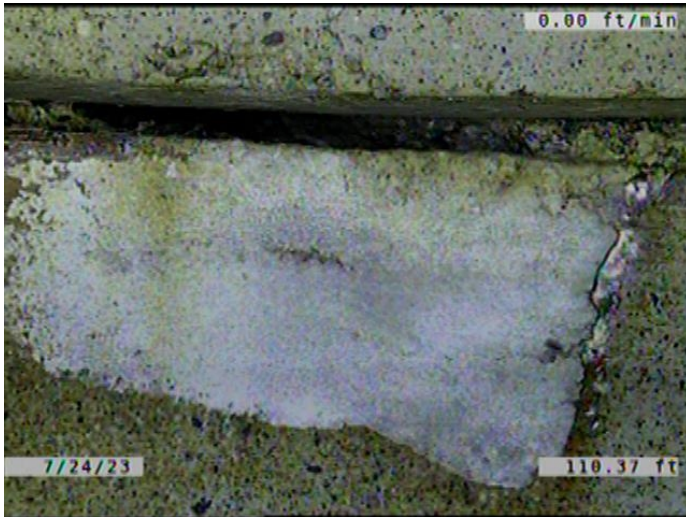
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **104.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



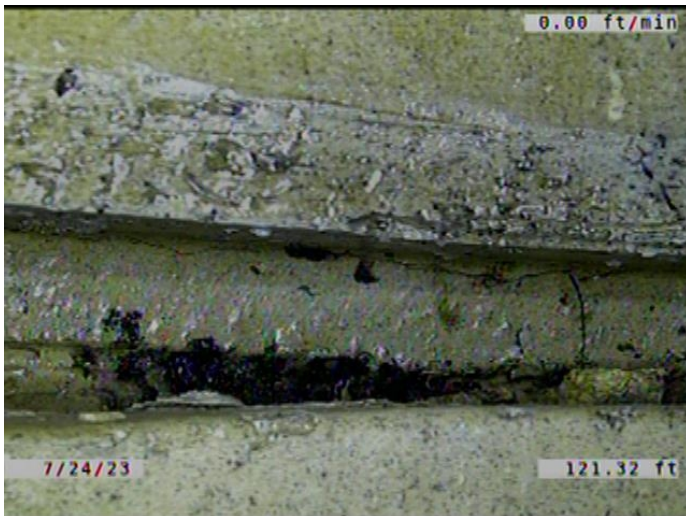
Code: **ISJ**
Description: **Infiltration Stain Joint**

Distance (ft): **107.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



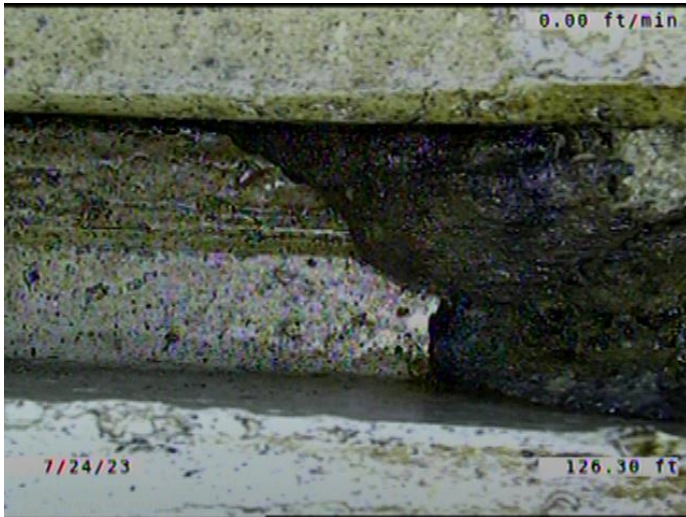
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **110.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **2**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



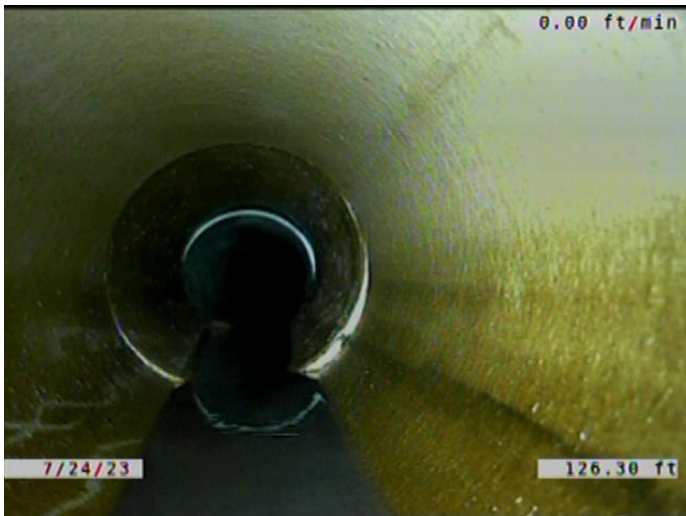
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **121.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



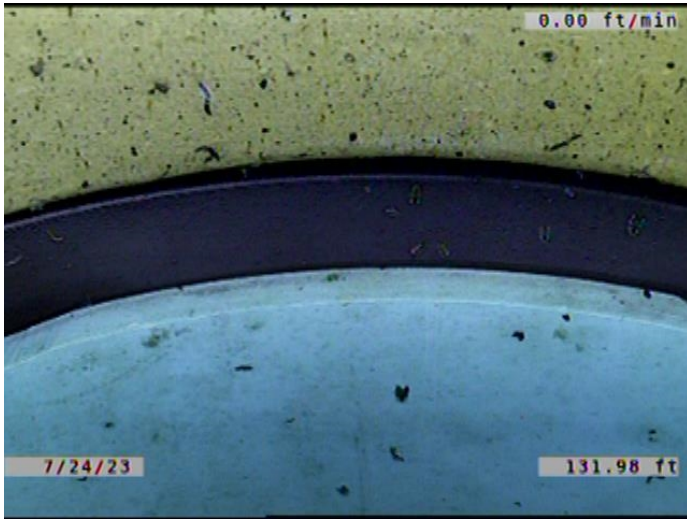
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **126.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



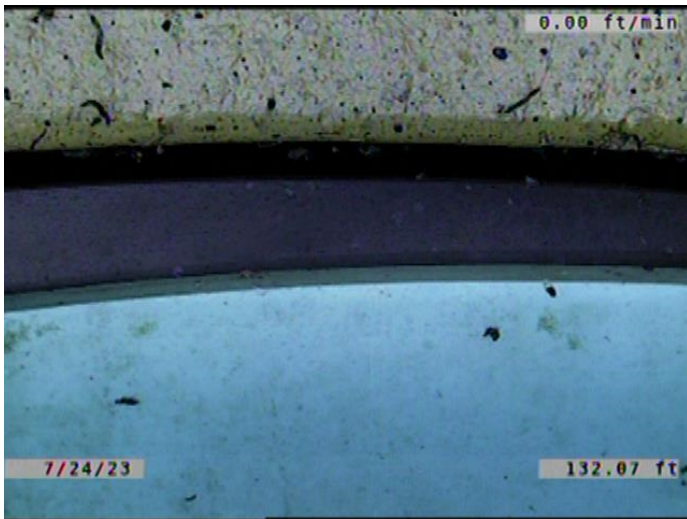
Code: **LL**
Description: **Line Left**

Distance (ft): **126.3**
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: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **132.0**
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:



Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **132.1**
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: **VCP TO PVC**



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

Distance (ft): **132.1**
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:



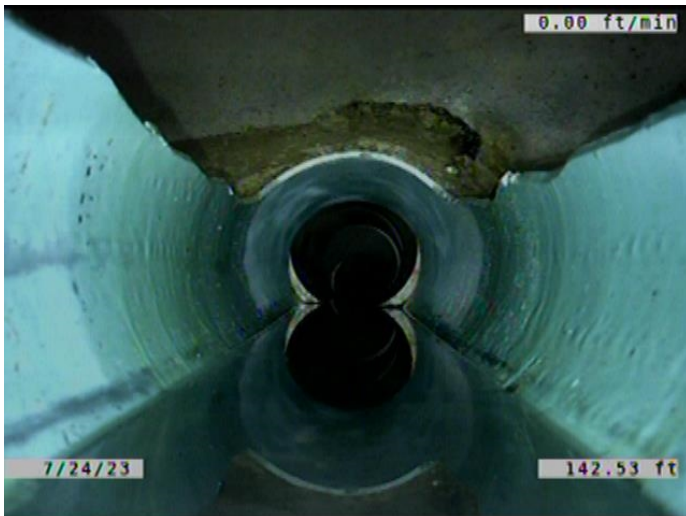
Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **132.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **132.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



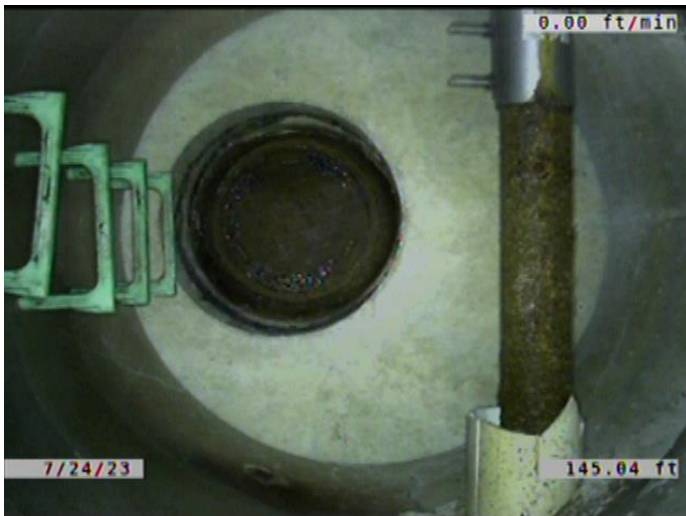
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **142.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **142.5**
 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: **AMH**
 Description: **Manhole**

Distance (ft): **145.0**
 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-902-018**