

Profile/Photo Observation Report



| | | | | | |
|-------------------|----------------|-------------|----------------|------------|----------------|
| Date: | 03/06/2024 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 305.0 | Owner: | City of Hobart | Pre Clean: | Heavy Cleaning |
| P.O.#: | | Surveyor: | S. Bucklin | PSR: | P-405-041-040 |
| Customer: | City of Hobart | Clean Date: | 10/21/2023 | Shape: | C |

| | | | |
|-------------------|-------------------------------------|-----------------------------|----------------|
| Street: | SOFTWOOD DR | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Easement/Right of Way | 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: | Downstream |
| US MH: | M-405-040 | DS MH: | M-405-041 |
| | | Total Length Surveyed (ft): | 317.2 |

| | | | | | |
|-------------------|------|-------------------|------|--------------------|--------|
| O&M Index: | 1.81 | O&M Quick: | 4139 | O&M Rating: | 204.00 |
| Structural Index: | 3.63 | Structural Quick: | 524F | Structural Rating: | 196.00 |
| Overall Index: | 2.40 | Overall Quick: | 524G | Overall Rating: | 400.00 |

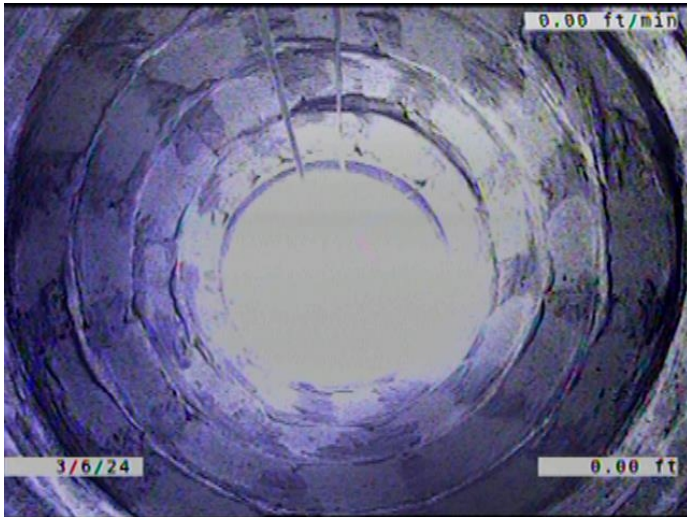
| Position | Code | Observation | Video (sec) | Grade |
|-----------|-----------|--------------------------------|-------------|-------|
| M-405-040 | | | | |
| .0 | AMH | Manhole | 0 | NA |
| .0 | MWL | Miscellaneous Water Level | 92 | NA |
| .1 | RPR(S01) | Point Repair Replacement | 153 | NA |
| 4.6 | MWLS(S02) | Miscellaneous Water Level Sag | 190 | S 2 |
| 13.0 | RPR(F01) | Point Repair Replacement | 279 | NA |
| 13.0 | JAM | Joint Angular Medium | 290 | S 3 |
| 13.0 | MWLS(F02) | Miscellaneous Water Level Sag | 310 | S 2 |
| 15.1 | FM(S03) | Fracture Multiple | 380 | S 4 |
| 15.1 | DAE(S04) | Deposits Attached Encrustation | 469 | M 2 |
| 24.6 | TFD | Tap Factory Defective | 568 | M 3 |
| 29.8 | RPR(S05) | Point Repair Replacement | 650 | NA |
| 30.0 | FM(F03) | Fracture Multiple | 661 | S 4 |
| 30.0 | DAE(F04) | Deposits Attached Encrustation | 670 | M 2 |
| 32.4 | TF | Tap Factory | 702 | NA |
| 56.9 | TF | Tap Factory | 835 | NA |
| 67.0 | RPR(F05) | Point Repair Replacement | 925 | NA |
| 67.0 | FH4(S06) | Fracture Longitudinal Hinge, 4 | 955 | S 4 |
| 68.4 | ISB | Infiltration Stain Barrel | 986 | M 1 |
| 69.4 | DAE(S07) | Deposits Attached Encrustation | 1029 | M 2 |

Friday, April 26, 2024

| | | | | |
|-------|-----------|----------------------------------|------|-----|
| 72.2 | RFB(S08) | Roots Fine Barrel | 1069 | M 2 |
| 87.2 | RFJ | Roots Fine Joint | 1206 | M 1 |
| 97.5 | RFB(F08) | Roots Fine Barrel | 1275 | M 2 |
| 97.5 | MWLS(S09) | Miscellaneous Water Level Sag | 1283 | S 2 |
| 102.0 | MWLS(F09) | Miscellaneous Water Level Sag | 1319 | S 2 |
| 104.4 | RPR(S10) | Point Repair Replacement | 1371 | NA |
| 104.4 | FH4(F06) | Fracture Longitudinal Hinge, 4 | 1384 | S 4 |
| 104.4 | DAE(F07) | Deposits Attached Encrustation | 1391 | M 2 |
| 115.4 | RPR(F10) | Point Repair Replacement | 1474 | NA |
| 115.4 | FH4(S11) | Fracture Longitudinal Hinge, 4 | 1503 | S 4 |
| 116.3 | DAE | Deposits Attached Encrustation | 1531 | M 2 |
| 119.4 | DAE(S12) | Deposits Attached Encrustation | 1575 | M 2 |
| 122.1 | RFB(S13) | Roots Fine Barrel | 1611 | M 2 |
| 123.6 | RFJ(S14) | Roots Fine Joint | 1654 | M 1 |
| 129.1 | RMJ | Roots Medium Joint | 1717 | M 3 |
| 130.0 | TFD | Tap Factory Defective | 1775 | M 3 |
| 172.1 | FH4(F11) | Fracture Longitudinal Hinge, 4 | 2163 | S 4 |
| 177.4 | RFB(F13) | Roots Fine Barrel | 2193 | M 2 |
| 180.4 | ISGT | Intruding Sealing Material Grout | 2230 | M 2 |
| 183.0 | RPR(S15) | Point Repair Replacement | 2284 | NA |
| 183.0 | DAE(F12) | Deposits Attached Encrustation | 2342 | M 2 |
| 183.0 | RFJ(F14) | Roots Fine Joint | 2349 | M 1 |
| 184.8 | TF | Tap Factory | 2370 | NA |
| 191.1 | IRL | Infiltration Runner Lateral | 2431 | M 4 |
| 191.1 | TF | Tap Factory | 2466 | NA |
| 192.8 | RPR(F15) | Point Repair Replacement | 2517 | NA |
| 195.2 | DAE(S16) | Deposits Attached Encrustation | 2596 | M 2 |
| 198.6 | B | Broken | 2659 | S 4 |
| 201.8 | FM | Fracture Multiple | 2755 | S 4 |
| 204.1 | CM | Crack Multiple | 2817 | S 3 |
| 206.1 | MWLS(S17) | Miscellaneous Water Level Sag | 2844 | S 2 |
| 207.8 | FS | Fracture Spiral | 2910 | S 3 |
| 209.8 | MWLS(F17) | Miscellaneous Water Level Sag | 2938 | S 2 |
| 212.5 | FS | Fracture Spiral | 2990 | S 3 |
| 214.5 | TFD | Tap Factory Defective | 3041 | M 3 |
| 216.6 | RFJ(S18) | Roots Fine Joint | 3106 | M 1 |
| 216.6 | FM(S19) | Fracture Multiple | 3163 | S 4 |
| 226.0 | B | Broken | 3292 | S 4 |
| 226.0 | RFJ | Roots Fine Joint | 3313 | M 1 |
| 234.4 | RMJ | Roots Medium Joint | 3475 | M 3 |
| 237.4 | FM(F19) | Fracture Multiple | 3606 | S 4 |
| 240.1 | RFJ(F18) | Roots Fine Joint | 3584 | M 1 |

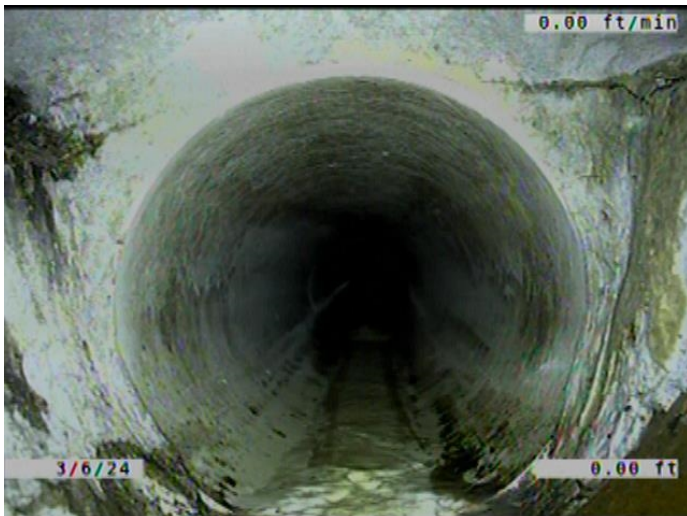
| | | | | |
|-------|-----------|--------------------------------|------|-----|
| 246.6 | FM(S20) | Fracture Multiple | 3717 | S 4 |
| 249.8 | RFJ(S21) | Roots Fine Joint | 3811 | M 1 |
| 253.0 | RFB(S22) | Roots Fine Barrel | 3878 | M 2 |
| 256.0 | DR | Deformed Rigid | 3920 | S 4 |
| 258.4 | BVV | Broken Void Visible | 4023 | S 5 |
| 268.0 | FM(F20) | Fracture Multiple | 4148 | S 4 |
| 268.0 | RFB(F22) | Roots Fine Barrel | 4156 | M 2 |
| 273.5 | FS | Fracture Spiral | 4215 | S 3 |
| 276.7 | FM(S23) | Fracture Multiple | 4312 | S 4 |
| 277.0 | CC | Crack Circumferential | 4335 | S 1 |
| 279.3 | RFC | Roots Fine Connection | 4394 | M 1 |
| 279.3 | RML | Roots Medium Lateral | 4410 | M 3 |
| 279.3 | TBD | Tap Break-in/Hammer Defective | 4435 | M 3 |
| 282.6 | MWLS(S24) | Miscellaneous Water Level Sag | 4480 | S 2 |
| 282.6 | DSF(S25) | Deposits Settled Fine | 4487 | M 2 |
| 290.6 | TFD | Tap Factory Defective | 4615 | M 3 |
| 296.0 | TFD | Tap Factory Defective | 4773 | M 3 |
| 297.1 | MWLS(F24) | Miscellaneous Water Level Sag | 4805 | S 2 |
| 297.1 | DSF(F25) | Deposits Settled Fine | 4813 | M 2 |
| 307.0 | RPR(S26) | Point Repair Replacement | 4911 | NA |
| 307.0 | DAE(F16) | Deposits Attached Encrustation | 4926 | M 2 |
| 307.0 | RFJ(F21) | Roots Fine Joint | 4936 | M 1 |
| 307.0 | FM(F23) | Fracture Multiple | 4944 | S 4 |
| 312.6 | RPR(F26) | Point Repair Replacement | 5015 | NA |
| 312.6 | RFB | Roots Fine Barrel | 5148 | M 2 |
| 312.6 | BVV | Broken Void Visible | 5185 | S 5 |
| 312.6 | RFJ | Roots Fine Joint | 5257 | M 1 |
| 317.2 | AMH | Manhole | 5402 | NA |

M-405-041



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-405-040**



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

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



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

Distance (ft): **4.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



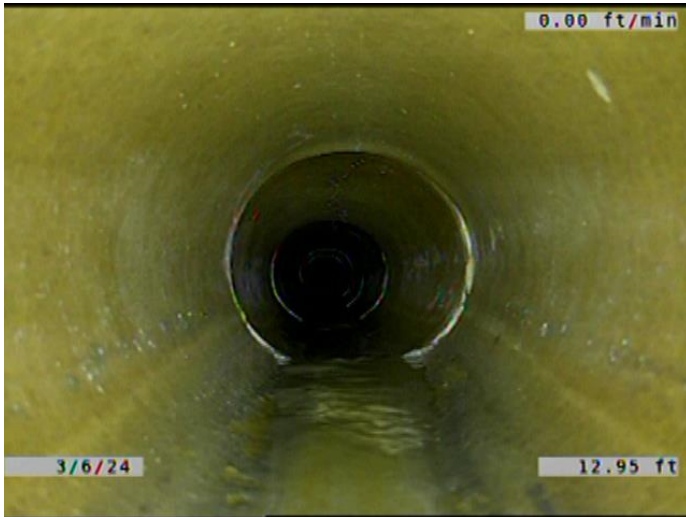
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **13.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



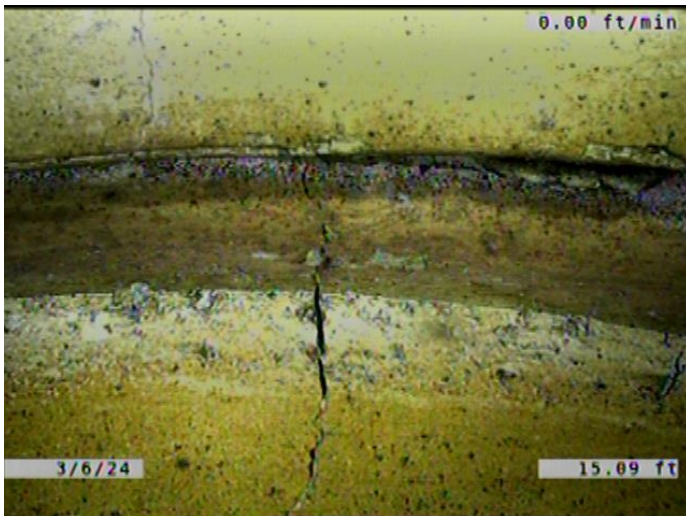
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **13.0**
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:



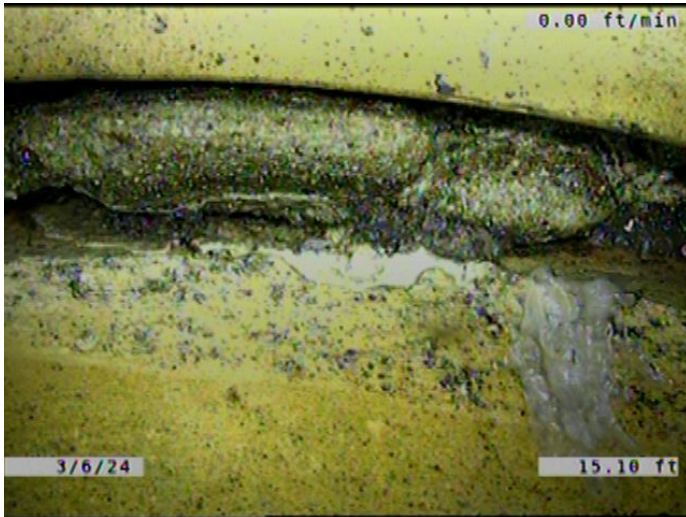
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **13.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



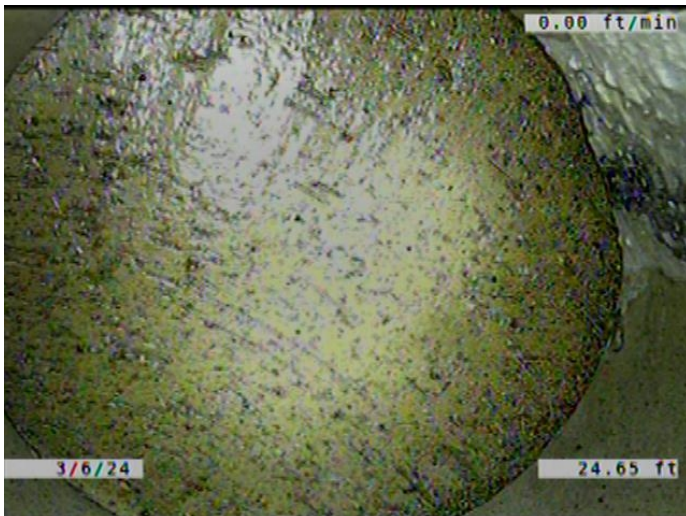
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **15.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



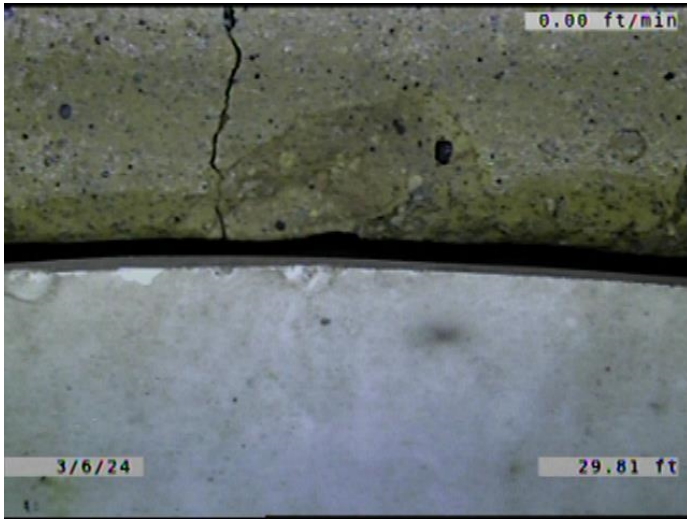
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **15.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks:



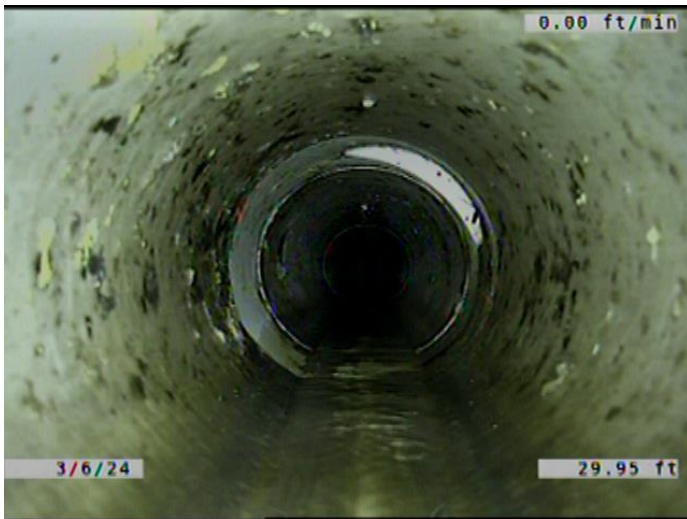
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **24.6**
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. TAP FRACTURED.
ENCrustation COMING AROUND T**



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

Distance (ft): **29.8**
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: **REPLACED WITH PVC.**



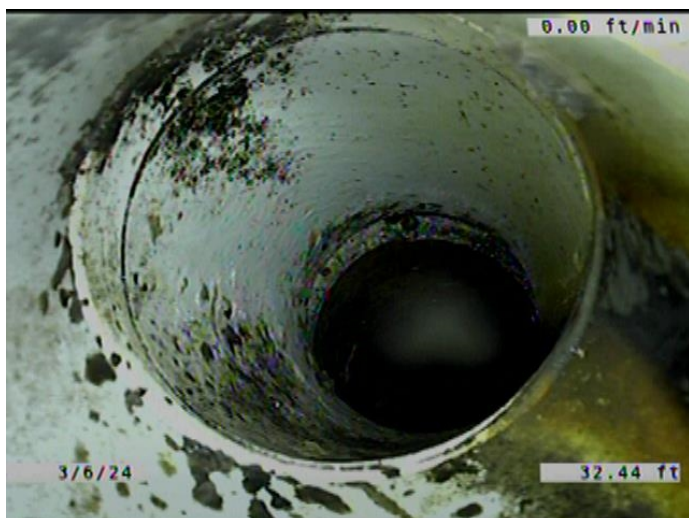
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **30.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



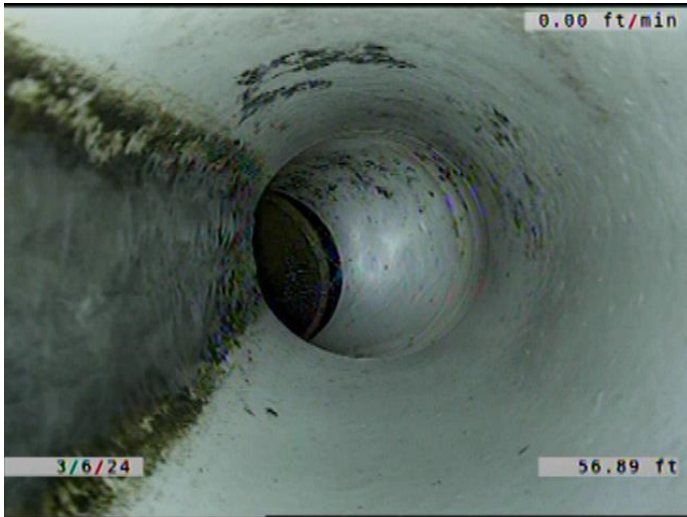
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **30.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks:



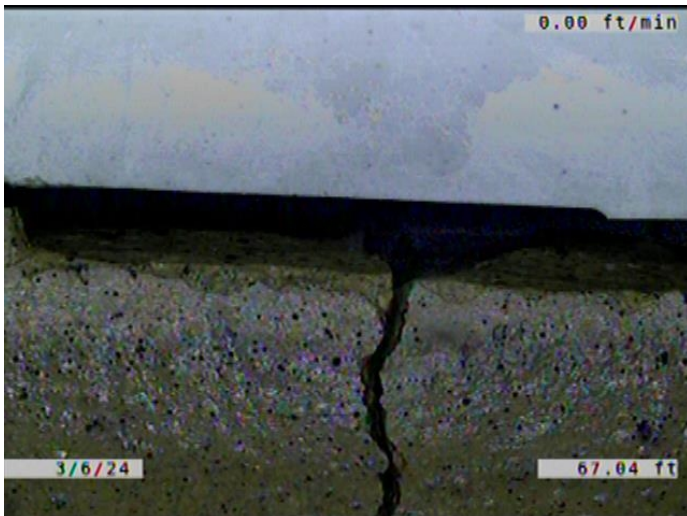
Code: **TF**
Description: **Tap Factory**

Distance (ft): **32.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP PVC. SERVICE VCP.**



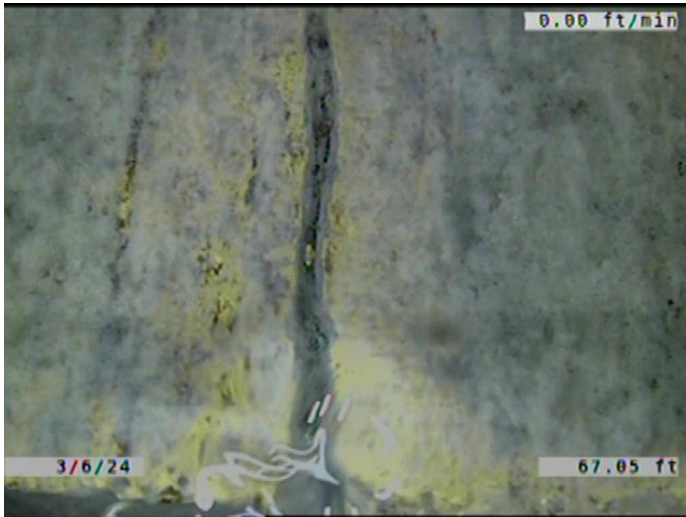
Code: **TF**
Description: **Tap Factory**

Distance (ft): **56.9**
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: **TAP PVC. SERVICE VCP.**



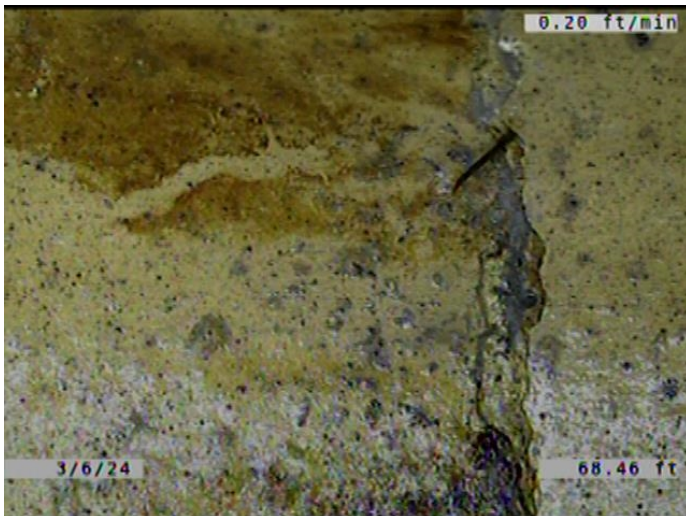
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **67.0**
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: **REPLACED WITH PVC.**



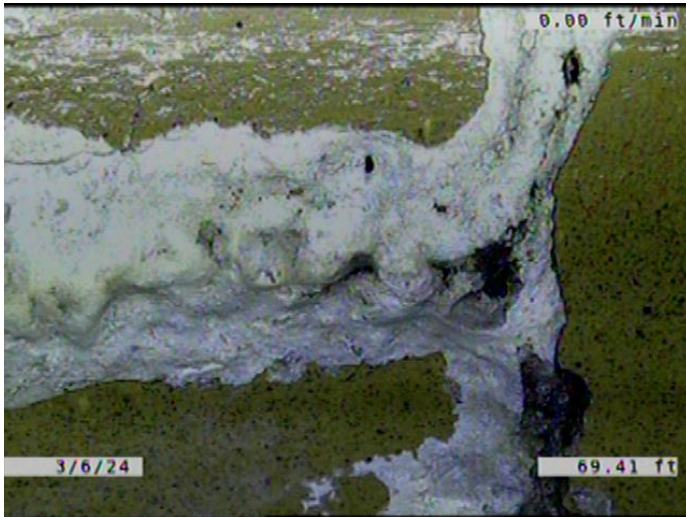
Code: **FH4**
Description: **Fracture Longitudinal Hinge, 4**

Distance (ft): **67.0**
Structural Grade: **4**
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:



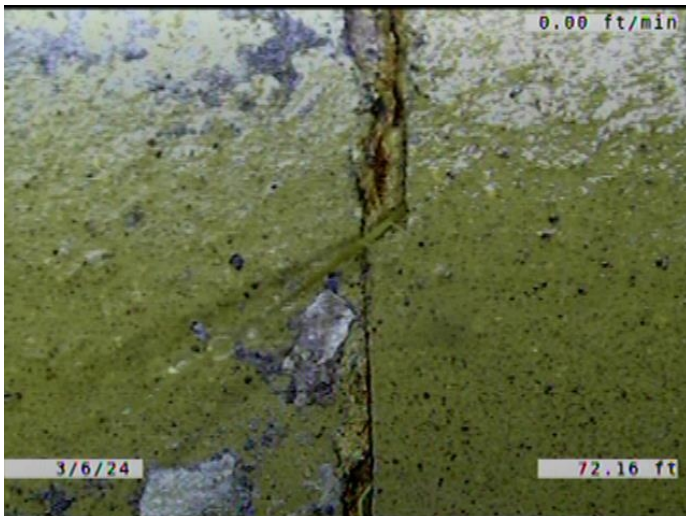
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **68.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
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): **69.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S07**
 Within 8" of Joint: **YES**
 Remarks:



Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **72.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S08**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **87.2**
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:



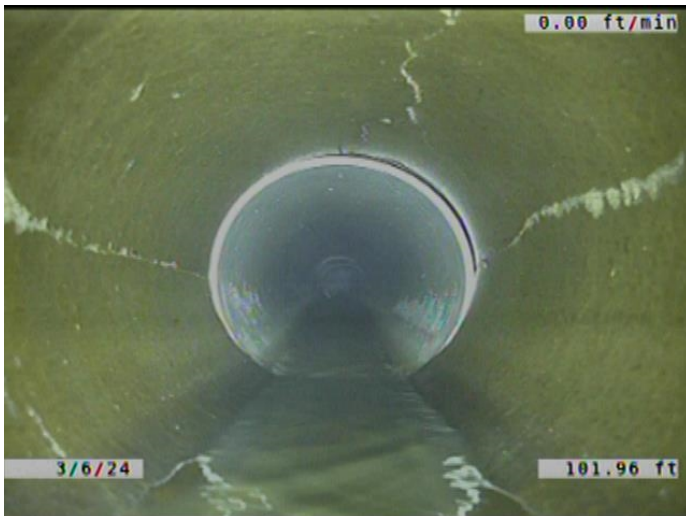
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **97.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



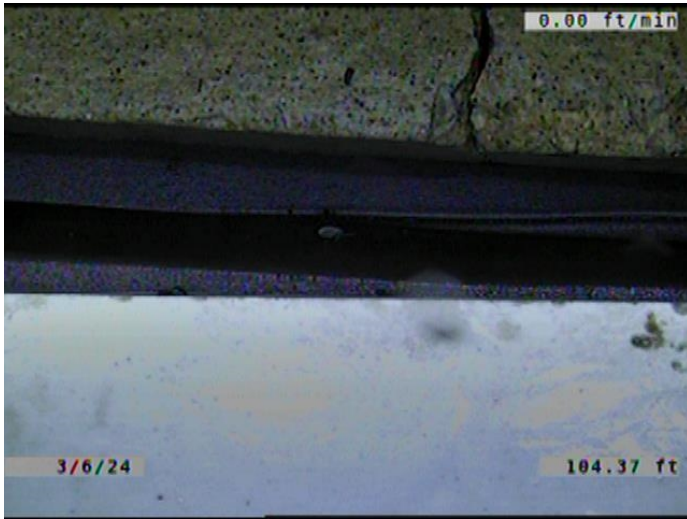
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **97.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S09**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **102.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F09**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **104.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S10**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



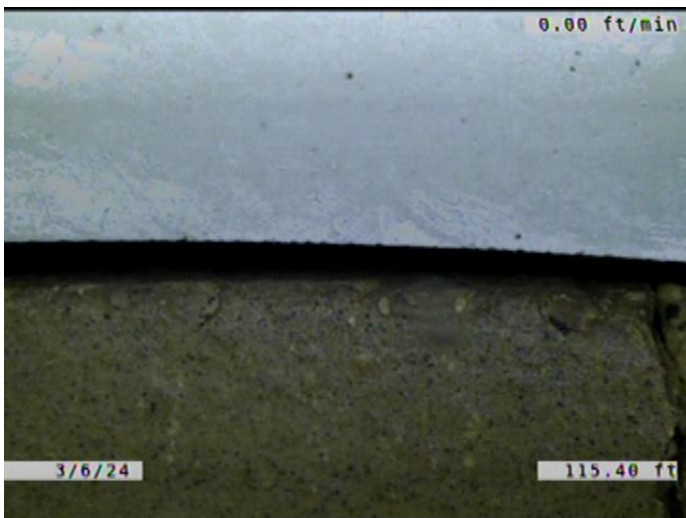
Code: **FH4**
Description: **Fracture Longitudinal Hinge, 4**

Distance (ft): **104.4**
Structural Grade: **4**
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: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **104.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F07**
Within 8" of Joint: **YES**
Remarks:



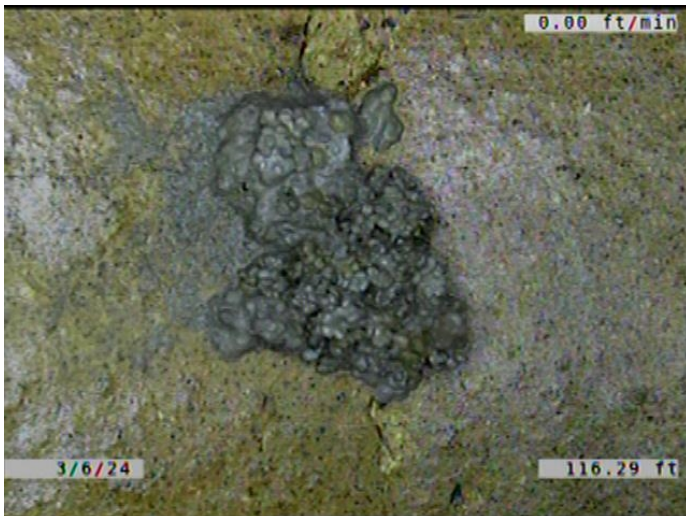
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **115.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F10**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



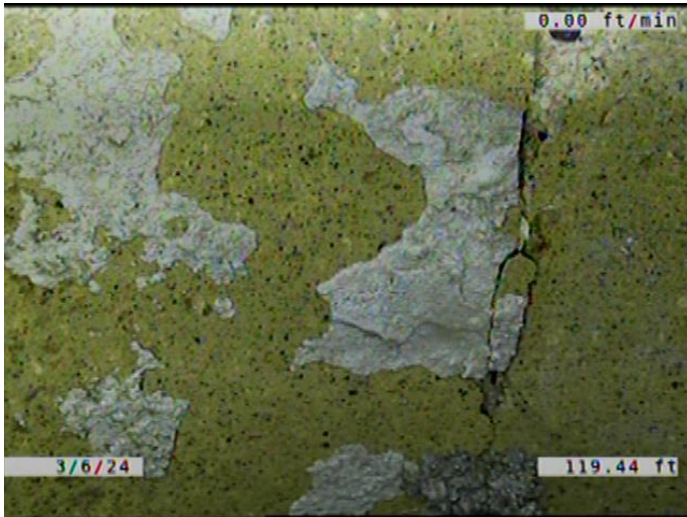
Code: **FH4**
Description: **Fracture Longitudinal Hinge, 4**

Distance (ft): **115.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S11**
Within 8" of Joint: **YES**
Remarks:



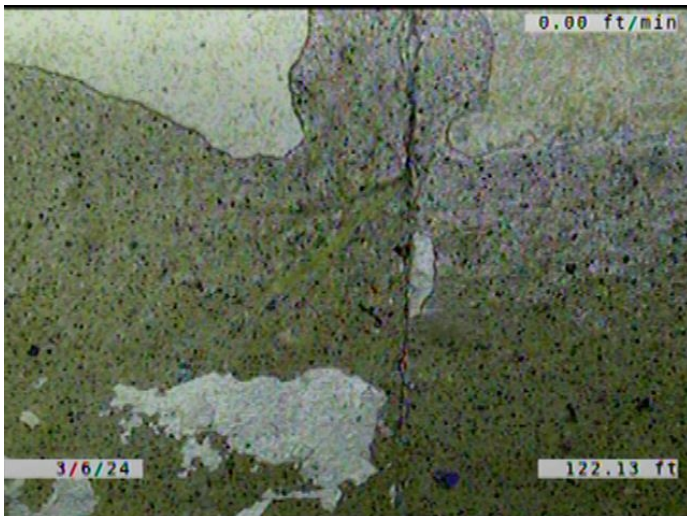
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **116.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



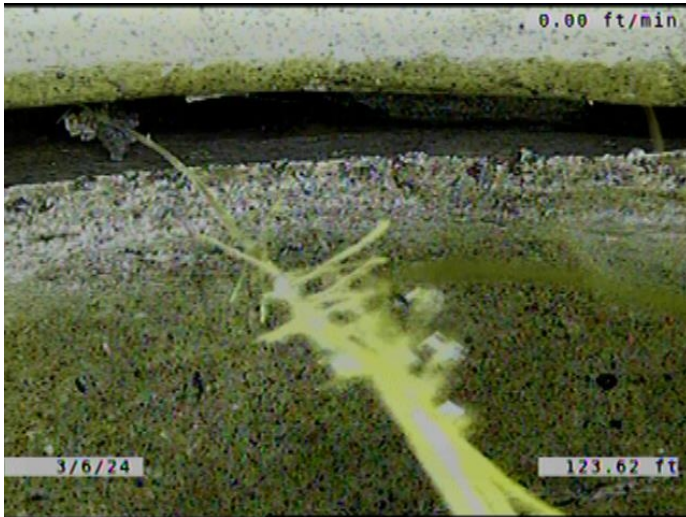
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **119.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S12**
Within 8" of Joint: **YES**
Remarks:



Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **122.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S13**
Within 8" of Joint: **NO**
Remarks:



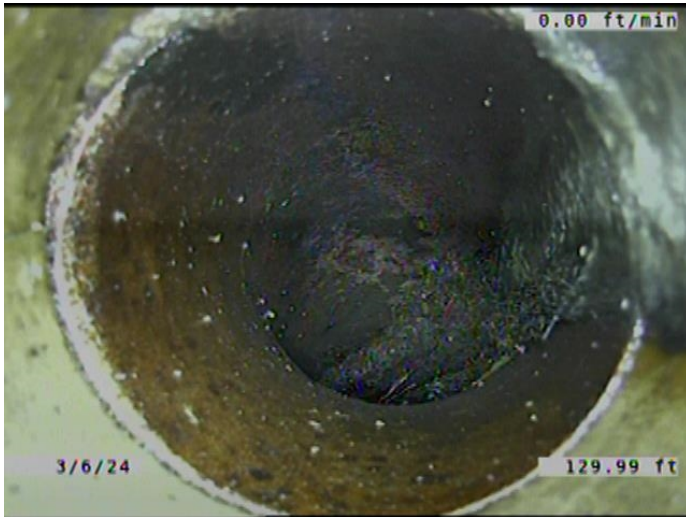
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **123.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S14**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **129.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



| | |
|---------------------|--|
| Code: | TFD |
| Description: | Tap Factory Defective |
| Distance (ft): | 130.0 |
| 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: | TAP BROKEN. ROOTS GROWING IN THE JOINTS. CONSTANTLY RUNNING |

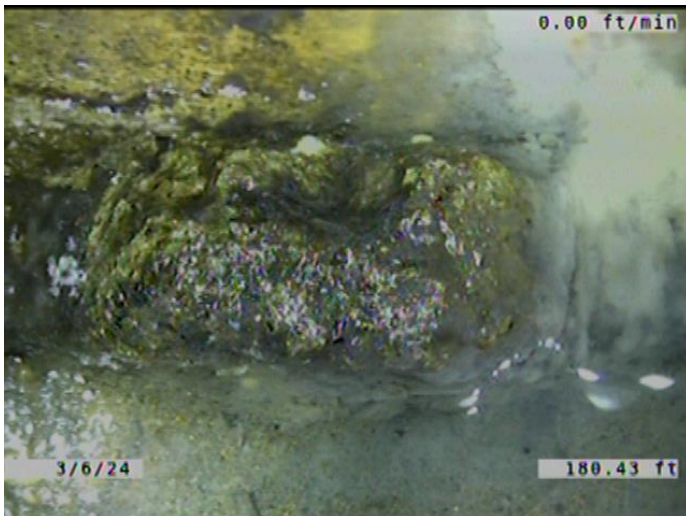


| | |
|---------------------|---------------------------------------|
| Code: | FH4 |
| Description: | Fracture Longitudinal Hinge, 4 |
| Distance (ft): | 172.1 |
| Structural Grade: | 4 |
| O&M Grade: | 0 |
| Clock Start/From: | 12 |
| Clock To: | 12 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | F11 |
| Within 8" of Joint: | YES |
| Remarks: | |



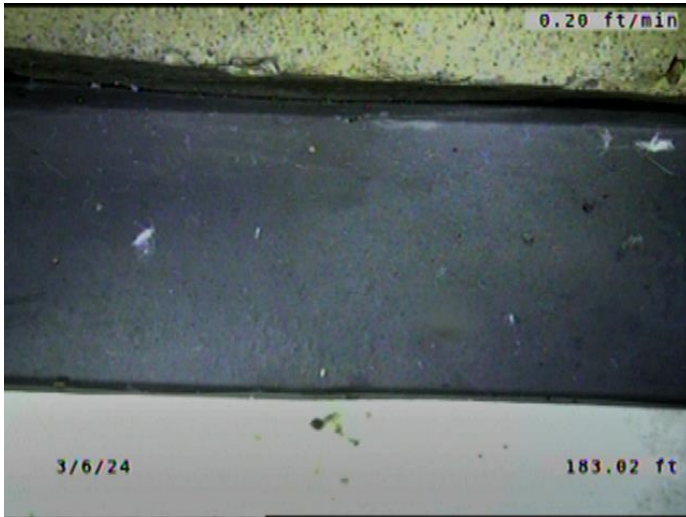
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **177.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F13**
Within 8" of Joint: **NO**
Remarks:



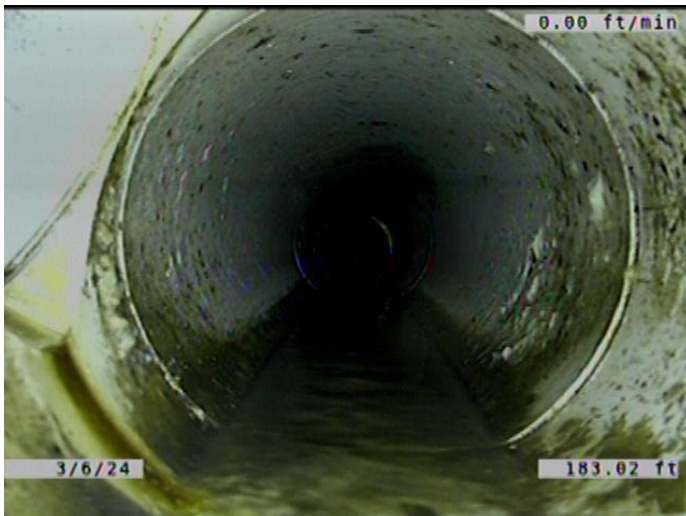
Code: **ISGT**
Description: **Intruding Sealing Material Grout**

Distance (ft): **180.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



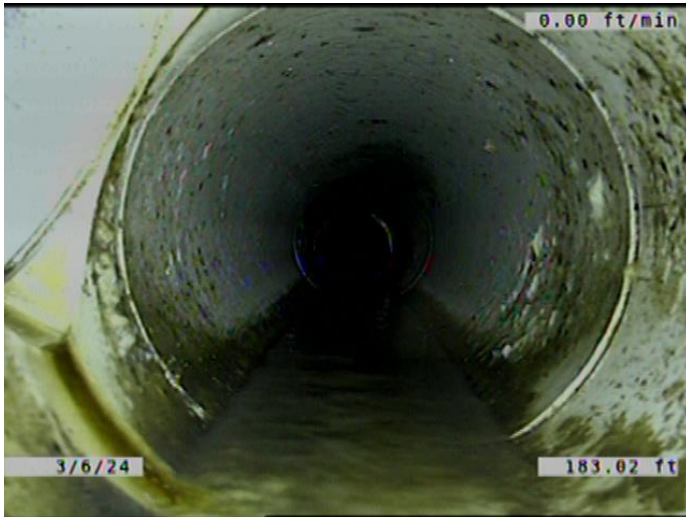
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **183.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S15**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



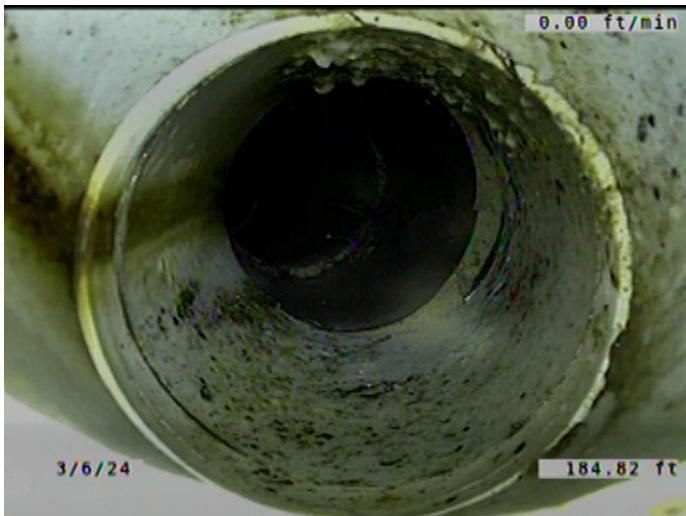
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **183.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F12**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **183.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F14**
Within 8" of Joint: **YES**
Remarks:



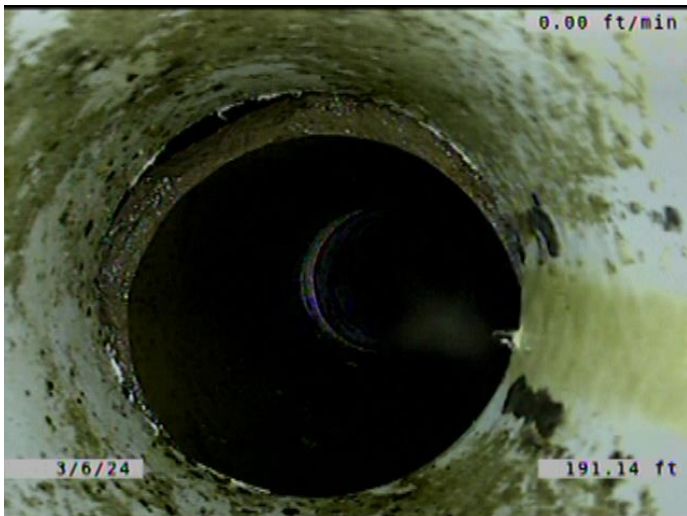
Code: **TF**
Description: **Tap Factory**

Distance (ft): **184.8**
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: **TAP PVC. SERVICE VCP. ROOTS GROWING IN THE JOINTS OF THE SE**



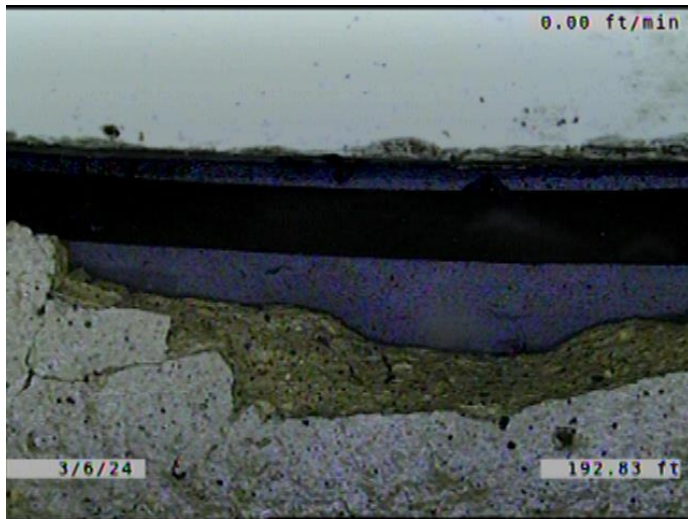
Code: **IRL**
Description: **Infiltration Runner Lateral**

Distance (ft): **191.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



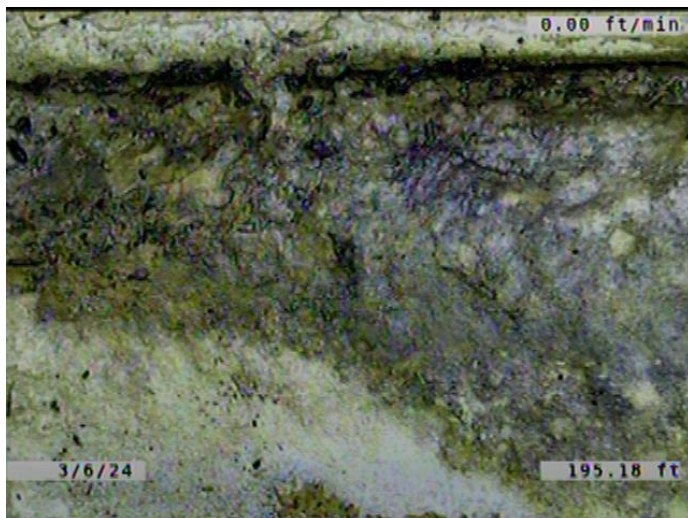
Code: **TF**
Description: **Tap Factory**

Distance (ft): **191.1**
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: **TAP PVC. SERVICE VCP. ROOTS GROWING IN THE JOINTS OF THE SE**



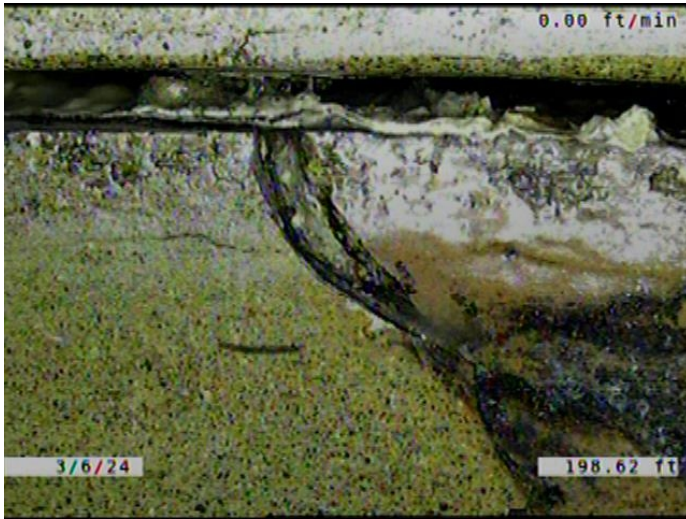
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **192.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F15**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



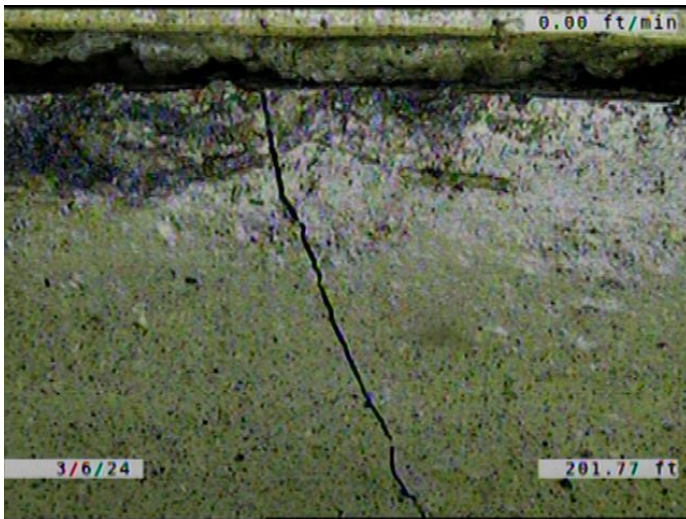
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **195.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S16**
Within 8" of Joint: **YES**
Remarks:



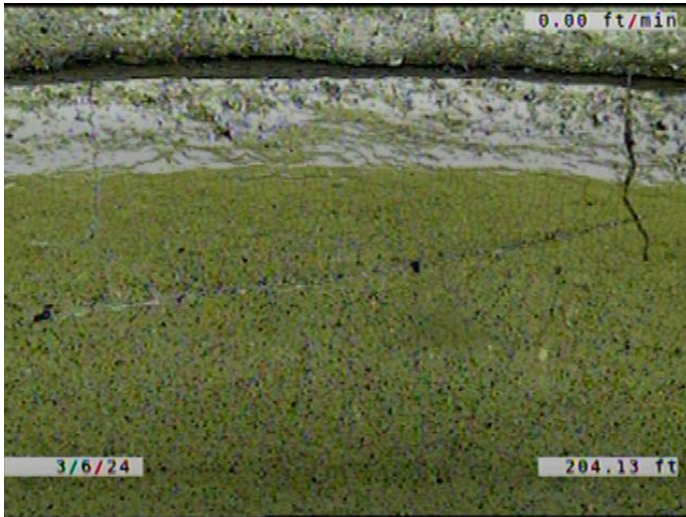
Code: **B**
 Description: **Broken**

Distance (ft): **198.6**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **201.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



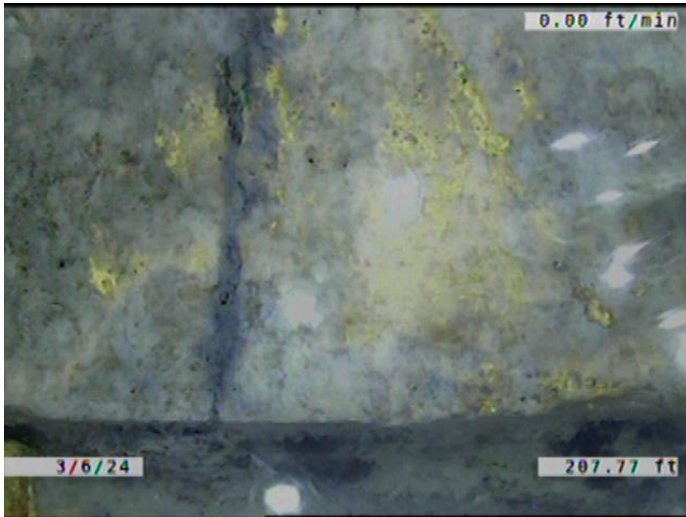
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **204.1**
Structural Grade: **3**
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:



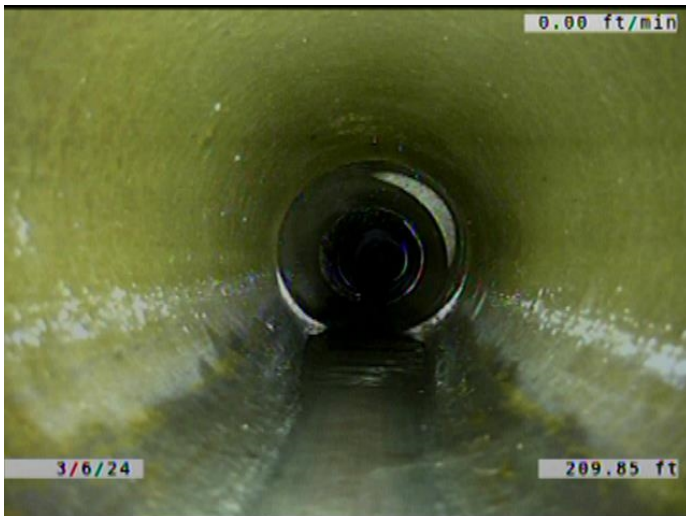
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **206.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S17**
Within 8" of Joint: **NO**
Remarks:



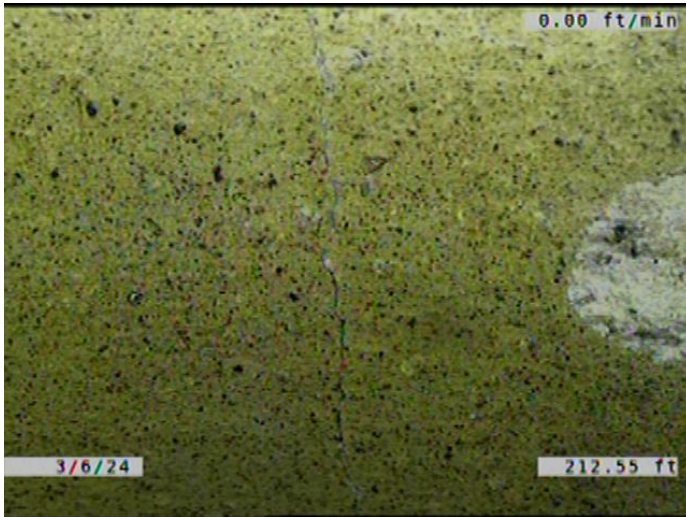
Code: **FS**
Description: **Fracture Spiral**

Distance (ft): **207.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **6**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



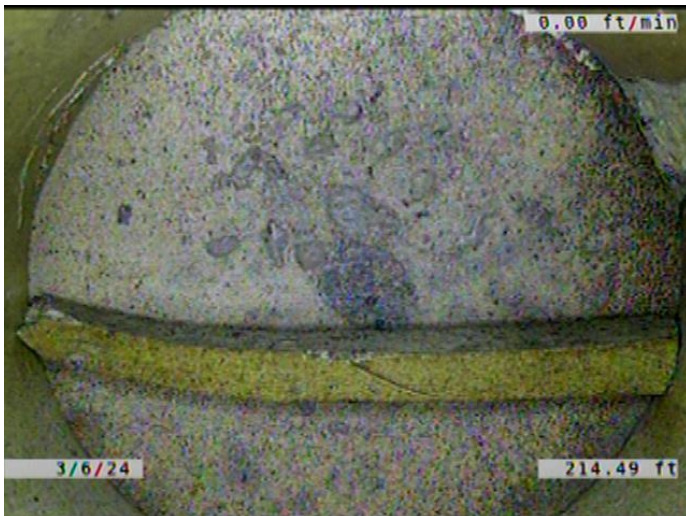
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **209.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F17**
Within 8" of Joint: **NO**
Remarks:



Code: **FS**
Description: **Fracture Spiral**

Distance (ft): **212.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **3**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



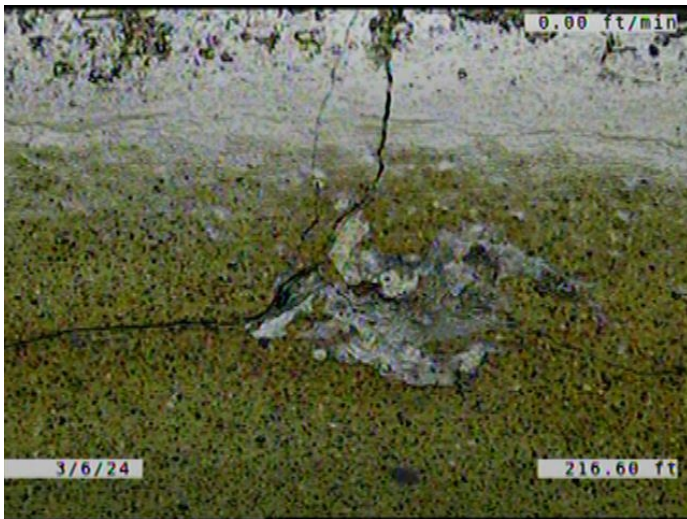
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **214.5**
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.**



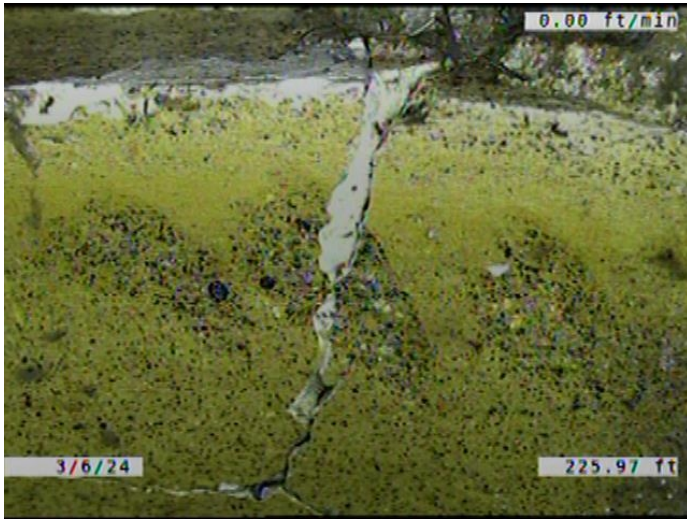
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **216.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S18**
Within 8" of Joint: **YES**
Remarks:



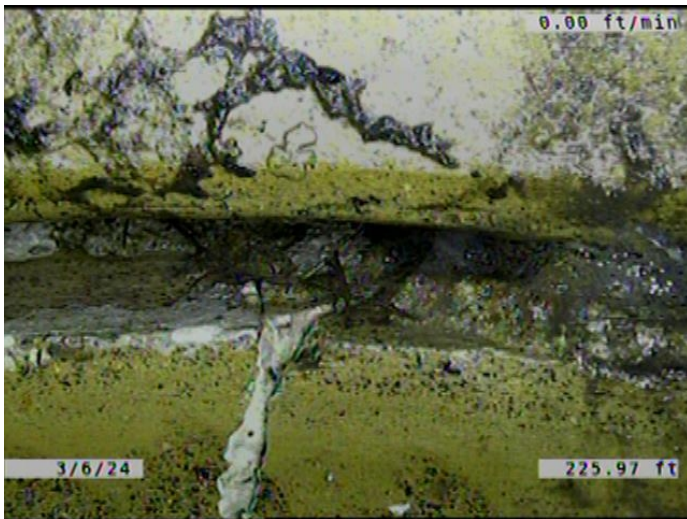
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **216.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S19**
Within 8" of Joint: **YES**
Remarks:



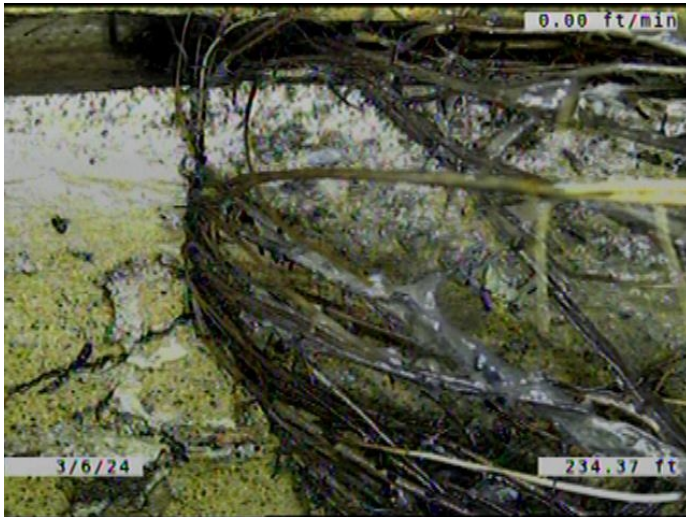
Code: **B**
Description: **Broken**

Distance (ft): **226.0**
Structural Grade: **4**
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: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **226.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **4**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



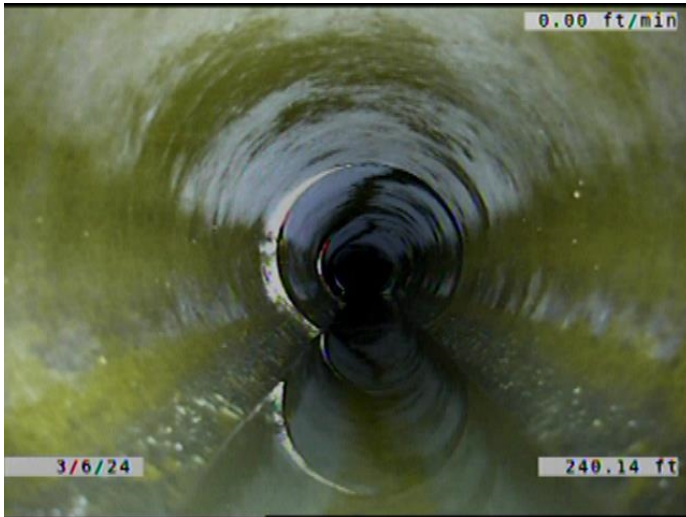
Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **234.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



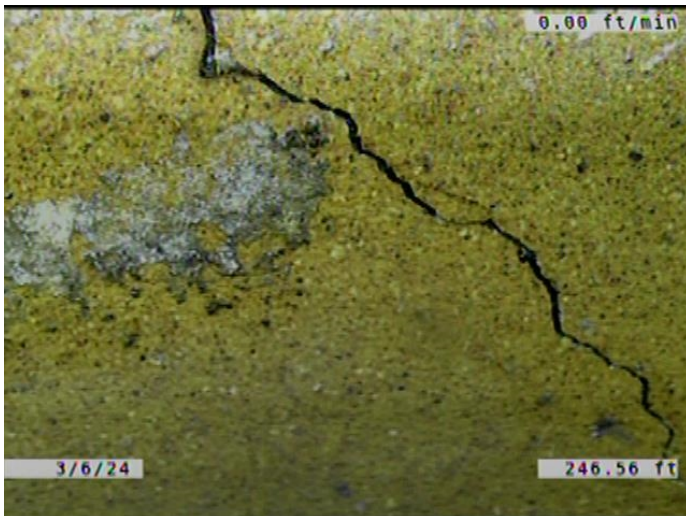
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **237.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F19**
Within 8" of Joint: **YES**
Remarks:



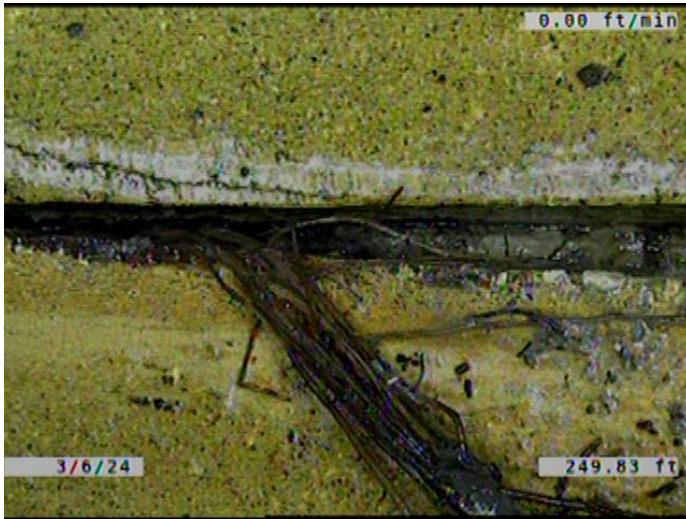
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **240.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F18**
Within 8" of Joint: **YES**
Remarks:



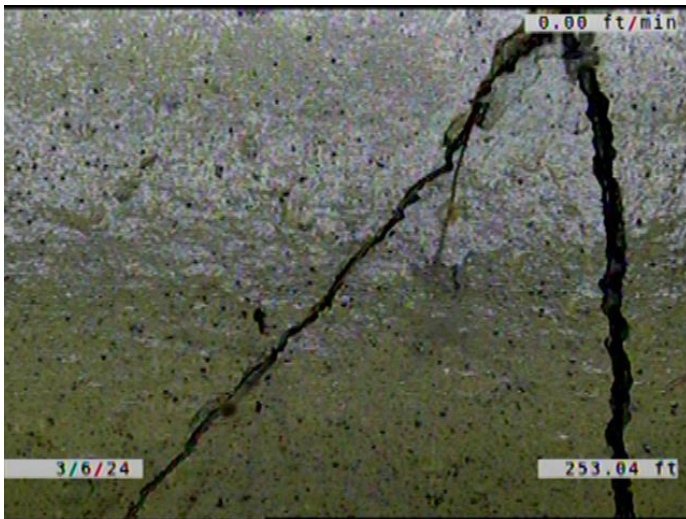
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **246.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S20**
Within 8" of Joint: **YES**
Remarks:



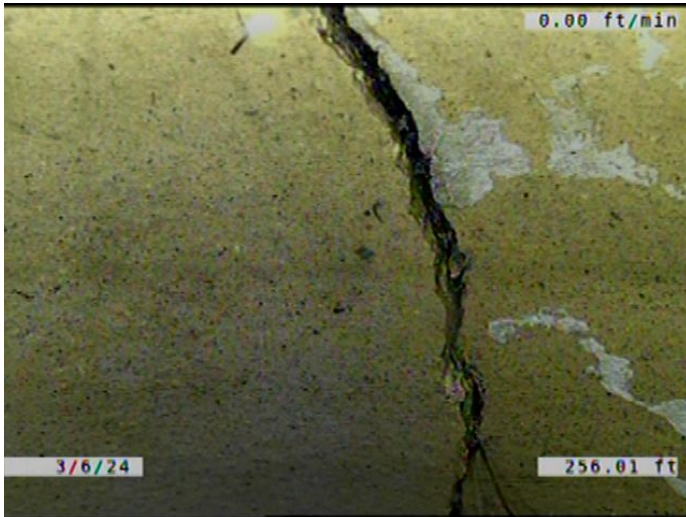
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **249.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S21**
Within 8" of Joint: **YES**
Remarks:



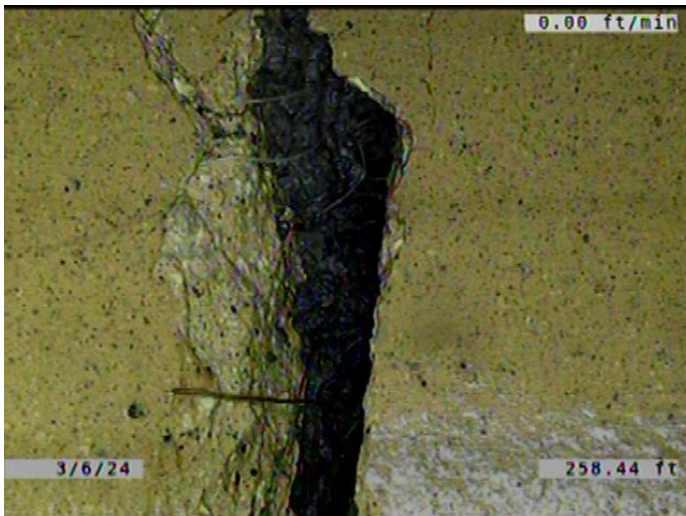
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **253.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S22**
Within 8" of Joint: **NO**
Remarks:



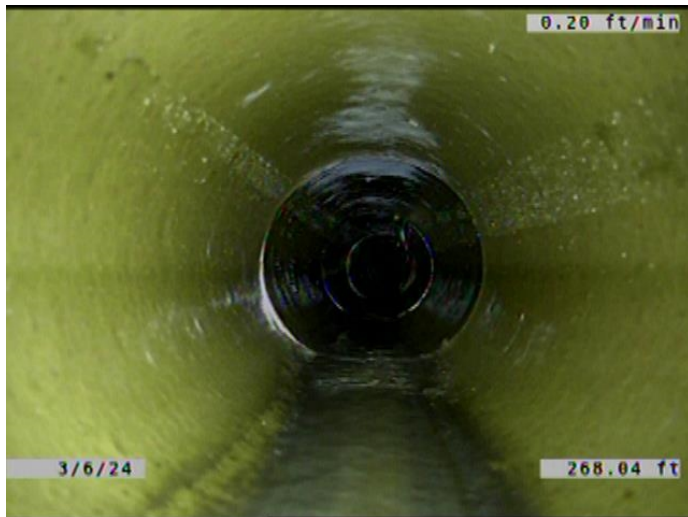
Code: **DR**
Description: **Deformed Rigid**

Distance (ft): **256.0**
Structural Grade: **4**
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:



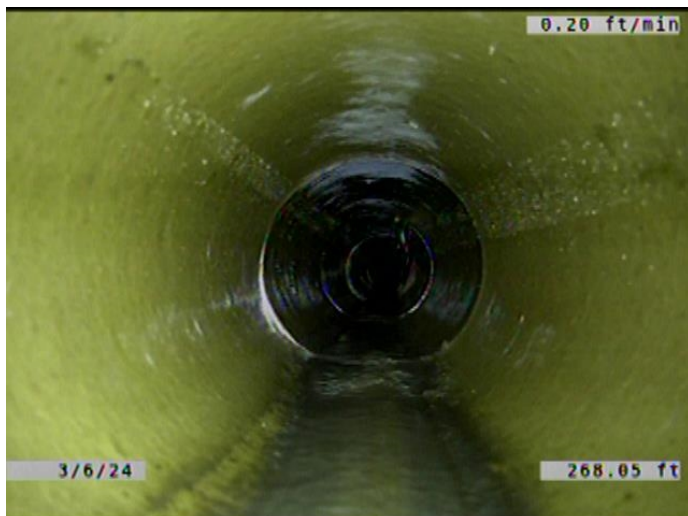
Code: **BVV**
Description: **Broken Void Visible**

Distance (ft): **258.4**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **3**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SOIL VISIBLE ALSO.**



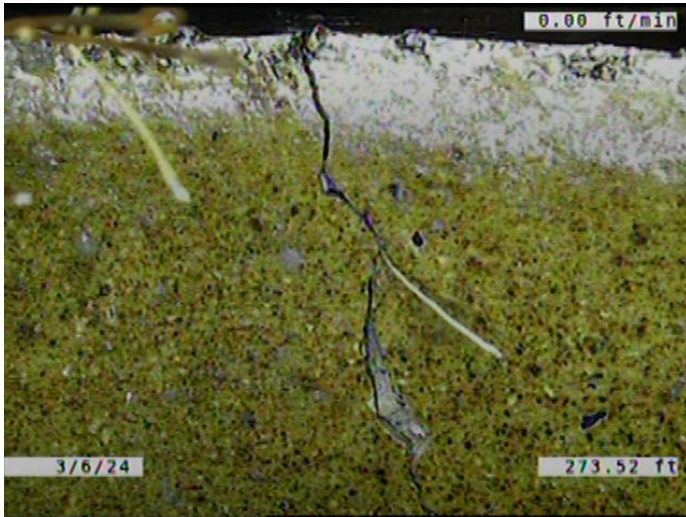
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **268.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F20**
Within 8" of Joint: **YES**
Remarks:



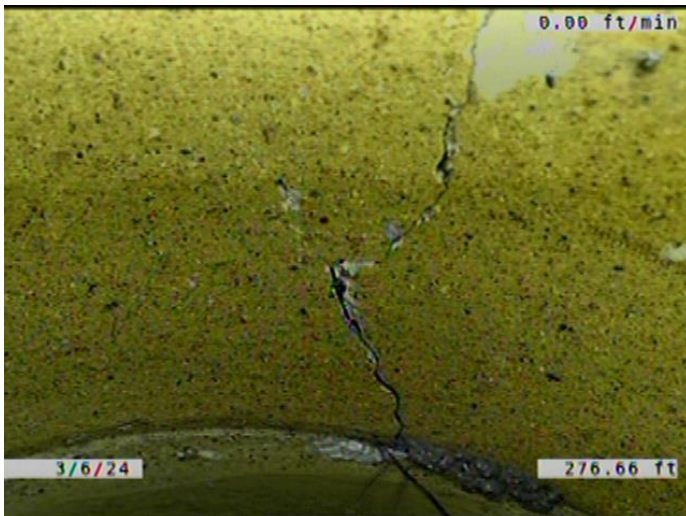
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **268.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F22**
Within 8" of Joint: **NO**
Remarks:



Code: **FS**
Description: **Fracture Spiral**

Distance (ft): **273.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



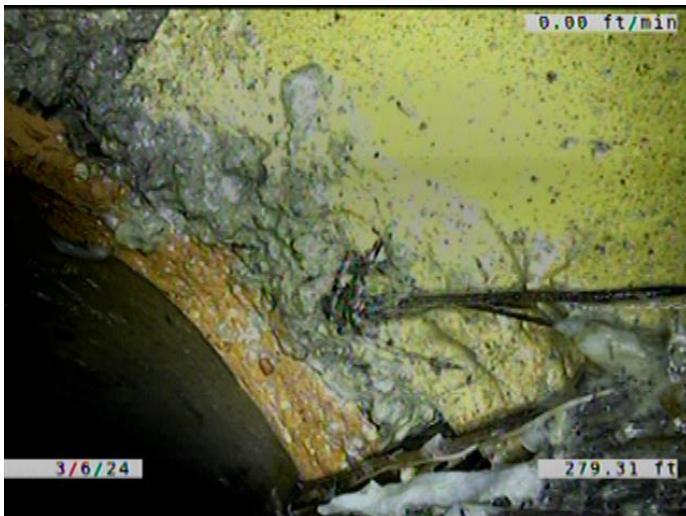
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **276.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S23**
Within 8" of Joint: **YES**
Remarks:



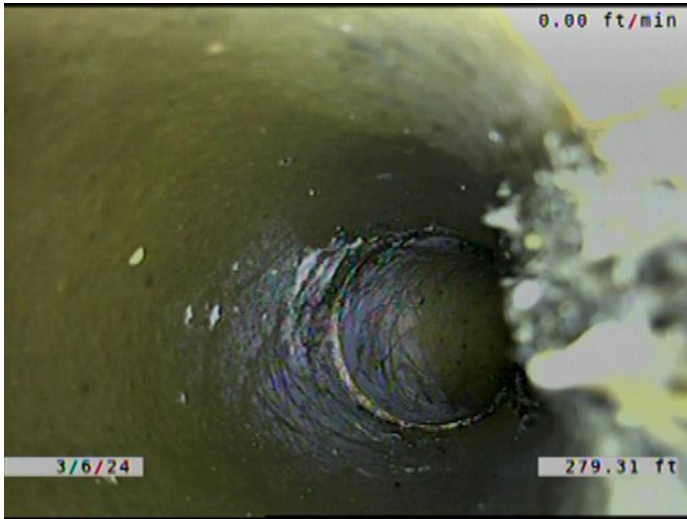
Code: **CC**
Description: **Crack Circumferential**

Distance (ft): **277.0**
Structural Grade: **1**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



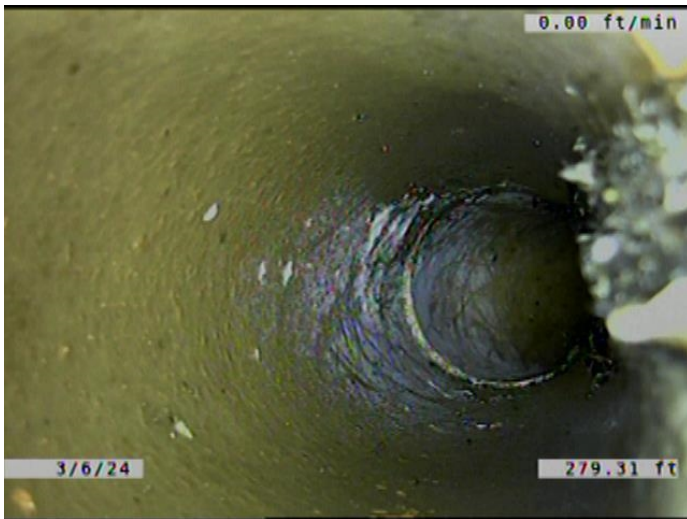
Code: **RFC**
Description: **Roots Fine Connection**

Distance (ft): **279.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **RML**
Description: **Roots Medium Lateral**

Distance (ft): **279.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **TBD**
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **279.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING OUT OF THE SERVICE INTO THE MAIN. CONSTAN**



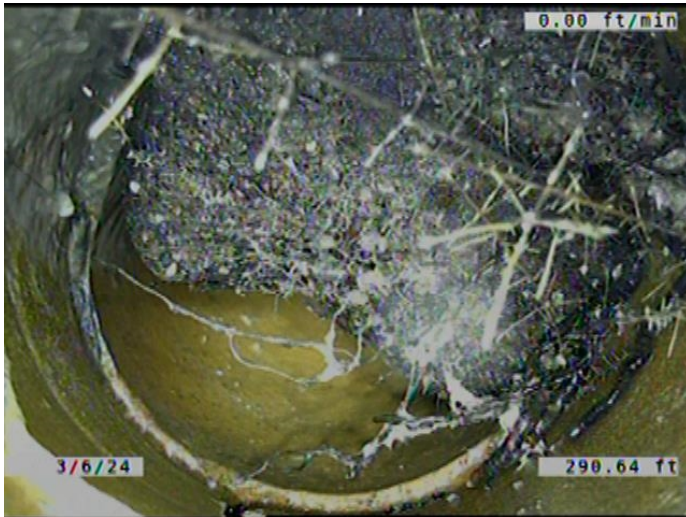
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **282.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S24**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **282.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S25**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **290.6**
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. PART MISSING. 85% PLUGGED WITH ROOTS. CONSTANTL**



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

Distance (ft): **296.0**
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. TAP CRACKED. ENCRUSTATION COMING IN AROUN**



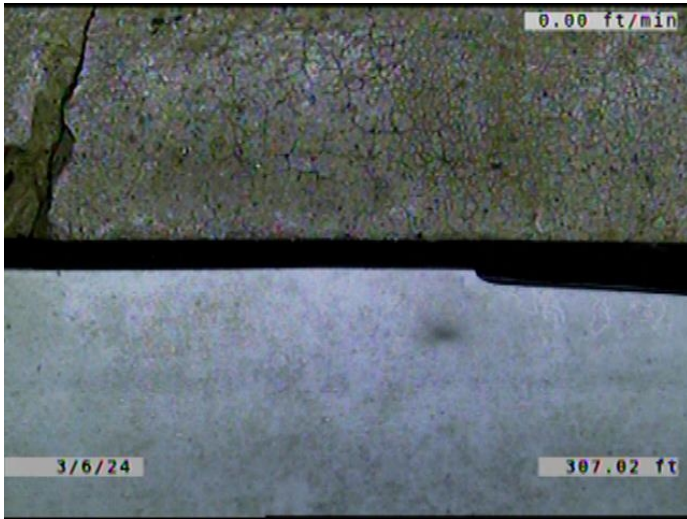
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **297.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F24**
Within 8" of Joint: **NO**
Remarks:

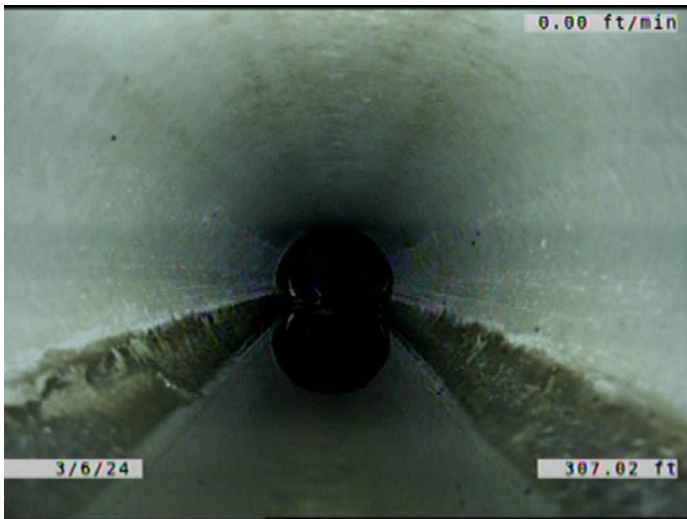


Code: **DSF**
Description: **Deposits Settled Fine**

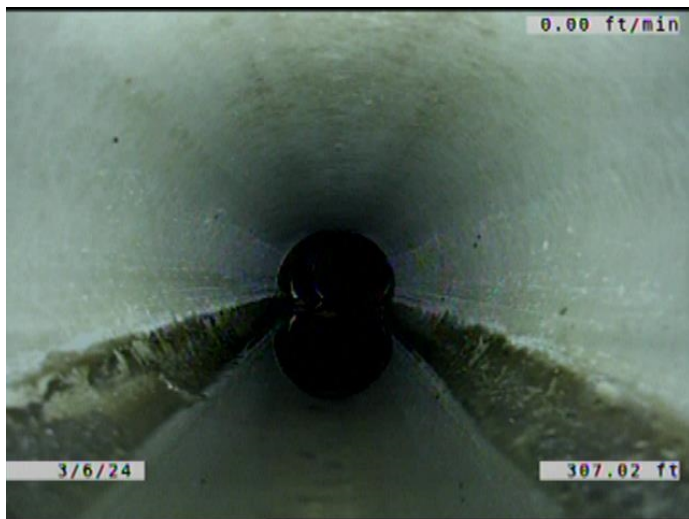
Distance (ft): **297.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F25**
Within 8" of Joint: **YES**
Remarks:



| | |
|---------------------|---------------------------------|
| Code: | RPR |
| Description: | Point Repair Replacement |
| Distance (ft): | 307.0 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | S26 |
| Within 8" of Joint: | YES |
| Remarks: | REPLACED WITH PVC. |

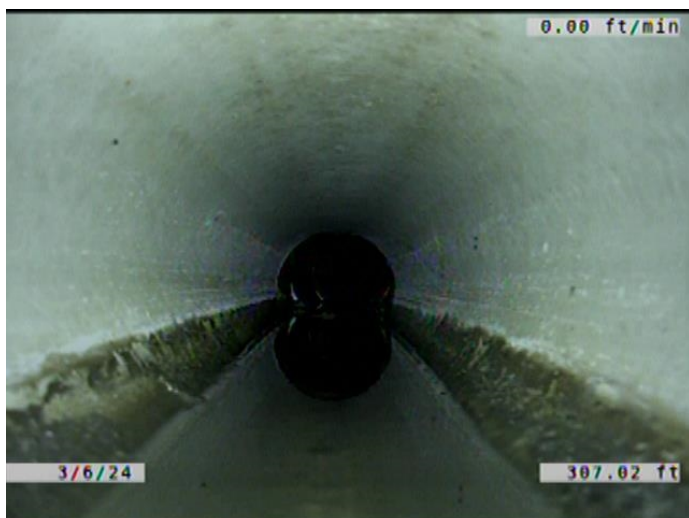


| | |
|---------------------|---------------------------------------|
| Code: | DAE |
| Description: | Deposits Attached Encrustation |
| Distance (ft): | 307.0 |
| Structural Grade: | 0 |
| O&M Grade: | 2 |
| Clock Start/From: | 7 |
| Clock To: | 5 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 5.000 |
| Continuous Index: | F16 |
| Within 8" of Joint: | YES |
| Remarks: | |



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

Distance (ft): **307.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F21**
Within 8" of Joint: **YES**
Remarks:



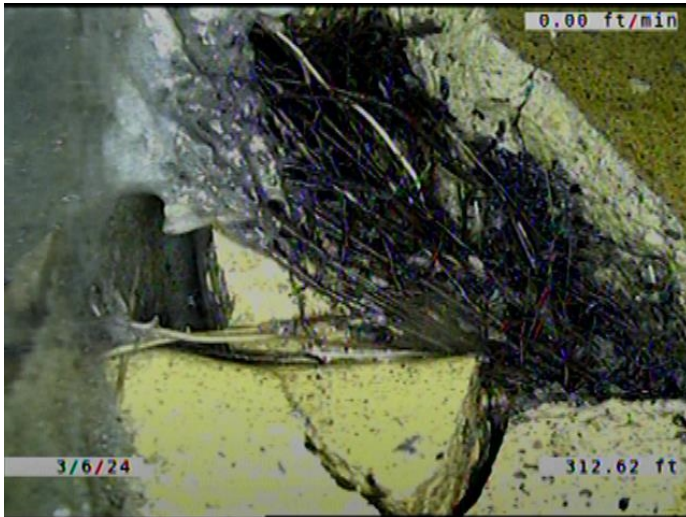
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **307.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F23**
Within 8" of Joint: **YES**
Remarks:



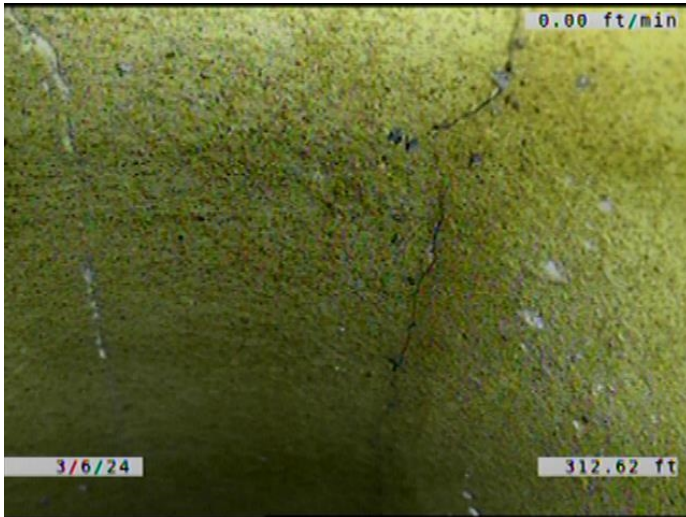
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **312.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F26**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **312.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **BVV**
Description: **Broken Void Visible**

Distance (ft): **312.6**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SOIL VISIBLE ALSO.**



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

Distance (ft): **312.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



| | |
|---------------------|------------------|
| Code: | AMH |
| Description: | Manhole |
| Distance (ft): | 317.2 |
| 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: | M-405-041 |