


Profile/Photo Observation Report

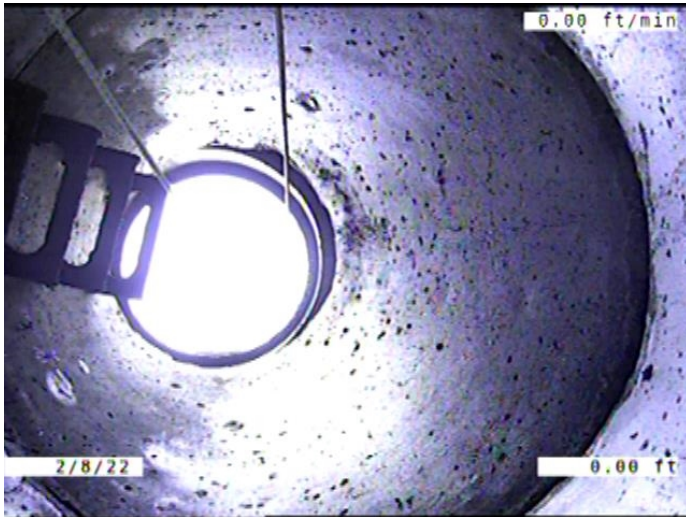


| | | | | | |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date: | 02/08/2022 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 186.0 | Owner: | City of Hobart | Pre Clean: | Heavy Cleaning |
| P.O.#: | YES502259 | Surveyor: | S. Bucklin | PSR: | P-606-073-072 |
| Customer: | City of Hobart | Clean Date: | 02/06/2022 | Shape: | C |

| | | | |
|-------------------|--------------------------------|-----------------------------|-----------------------|
| Street: | South Washington Street | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Alley | 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: | Upstream |
| US MH: | M-606-072 | DS MH: | M-606-073 |
| | | Total Length Surveyed (ft): | 186.0 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 1.97 | O&M Quick: | 2F11 | O&M Rating: | 75.00 |
| Structural Index: | 2.20 | Structural Quick: | 3228 | Structural Rating: | 22.00 |
| Overall Index: | 2.02 | Overall Quick: | 322H | Overall Rating: | 97.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|---|----------|-----------|--------------------------------|-------------|-------|
| M-606-073 | | | | | |
|  | .0 | AMH | Manhole | 1 | NA |
| | .0 | MWL | Miscellaneous Water Level | 85 | NA |
| | 2.5 | DAE(S01) | Deposits Attached Encrustation | 109 | M 2 |
| | 7.2 | TFA | Tap Factory Activity | 146 | NA |
| | 28.0 | MWLS(S02) | Miscellaneous Water Level Sag | 240 | S 2 |
| | 33.6 | TFC | Tap Factory Capped | 269 | NA |
| | 34.4 | MWLS(F02) | Miscellaneous Water Level Sag | 287 | S 2 |
| | 45.1 | TF | Tap Factory | 333 | NA |
| | 53.0 | MWLS(S03) | Miscellaneous Water Level Sag | 369 | S 2 |
| | 63.5 | TF | Tap Factory | 434 | NA |
| | 67.4 | MWLS(F03) | Miscellaneous Water Level Sag | 463 | S 2 |
| | 92.5 | RTJ | Roots Tap Joint | 579 | M 2 |
| | 96.6 | JAM | Joint Angular Medium | 646 | S 3 |
| | 97.4 | MWLS(S04) | Miscellaneous Water Level Sag | 665 | S 2 |
| | 100.5 | RFJ | Roots Fine Joint | 717 | M 1 |
| | 109.0 | MWLS(F04) | Miscellaneous Water Level Sag | 758 | S 2 |
| | 118.2 | MWLS(S05) | Miscellaneous Water Level Sag | 806 | S 2 |
| | 121.1 | JOM | Joint Offset Medium | 827 | S 3 |
| | 124.7 | MWLS(F05) | Miscellaneous Water Level Sag | 860 | S 2 |
| | 131.0 | TF | Tap Factory | 892 | NA |
| | 140.4 | TF | Tap Factory | 943 | NA |
| | 165.6 | MWLS(S06) | Miscellaneous Water Level Sag | 1055 | S 2 |
| | 171.0 | MWLS(F06) | Miscellaneous Water Level Sag | 1084 | S 2 |
| | 174.2 | TF | Tap Factory | 1116 | NA |
| | 176.9 | TFA | Tap Factory Activity | 1141 | NA |
| | 183.4 | DAE(F01) | Deposits Attached Encrustation | 1182 | M 2 |
| | 186.0 | AMH | Manhole | 1300 | NA |
| M-606-072 | | | | | |



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-606-073**



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: **10.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



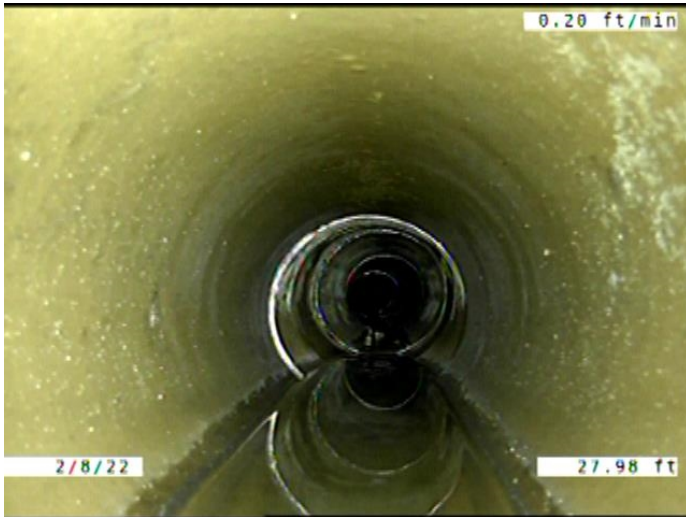
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **2.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



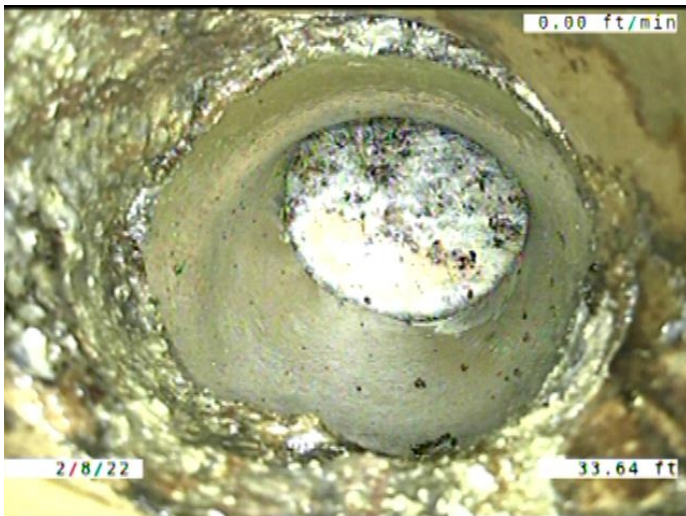
Code: **TFA**
 Description: **Tap Factory Activity**

Distance (ft): **7.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



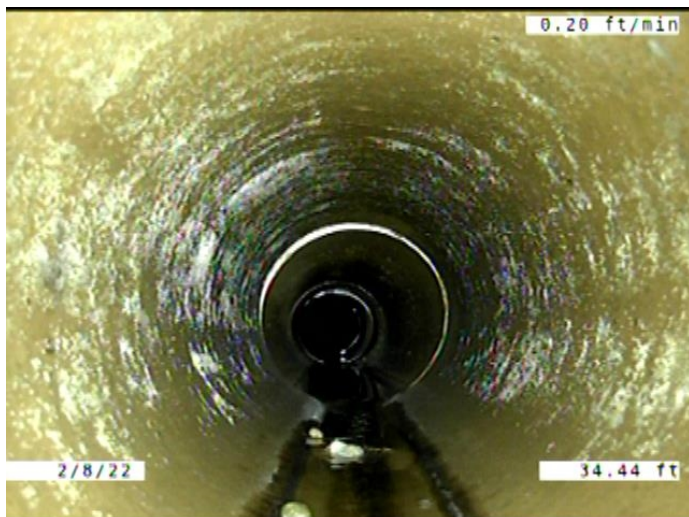
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **28.0**
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:



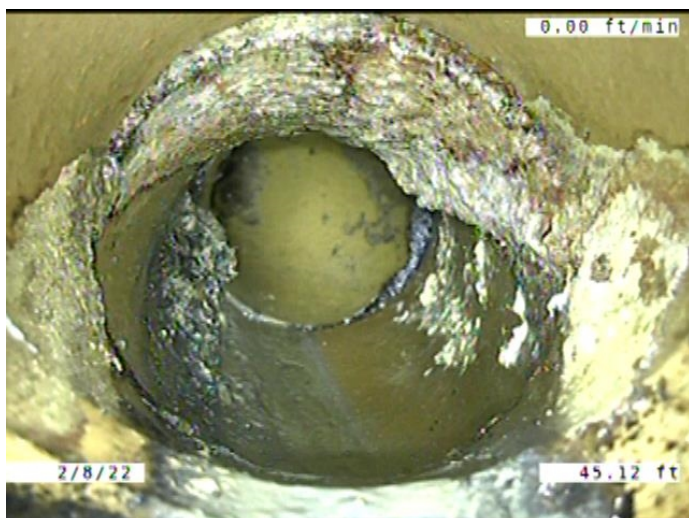
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **33.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ENCrustation COMING FROM THE SERVICE TO MAIN CONNECTION.**



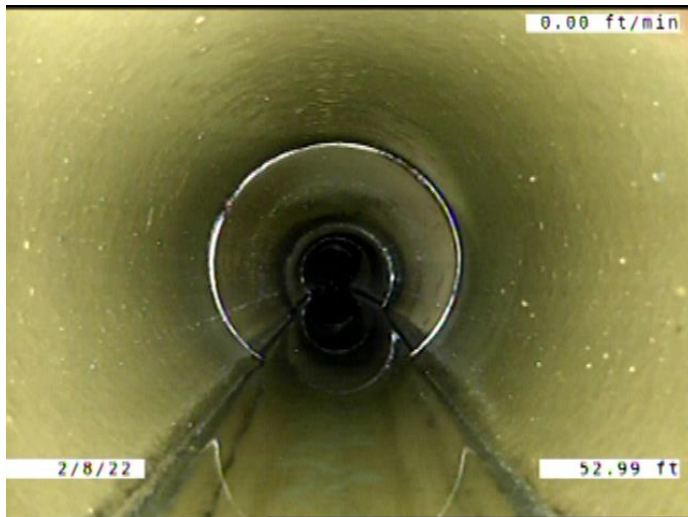
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **34.4**
 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:



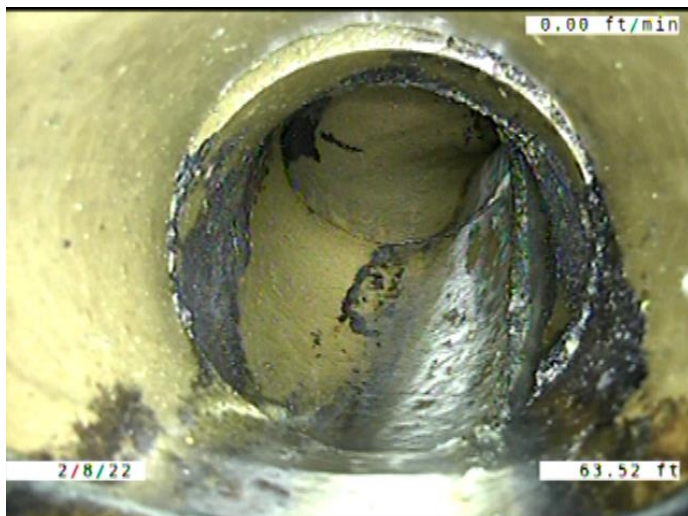
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **45.1**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION.**



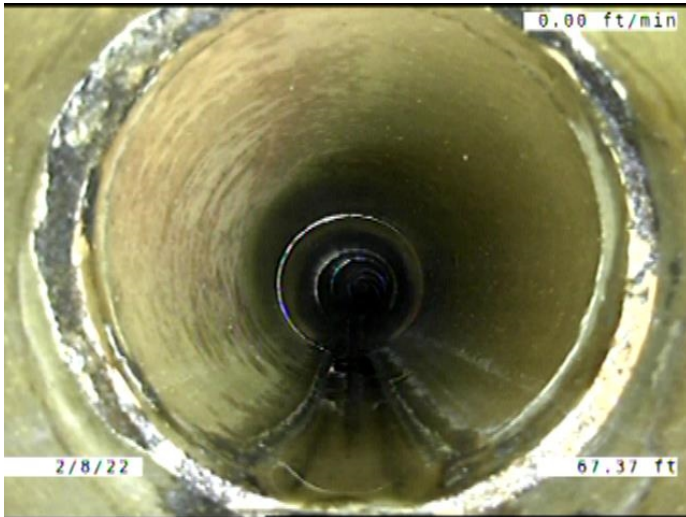
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **53.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **63.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION.**



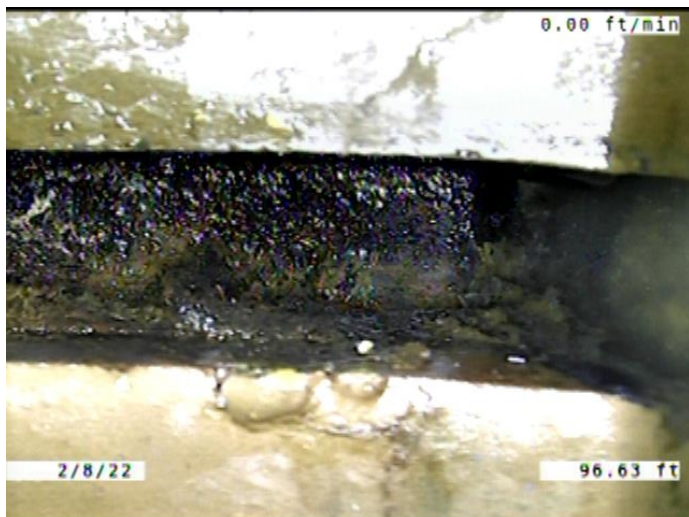
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **67.4**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



Code: **RTJ**
 Description: **Roots Tap Joint**

Distance (ft): **92.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



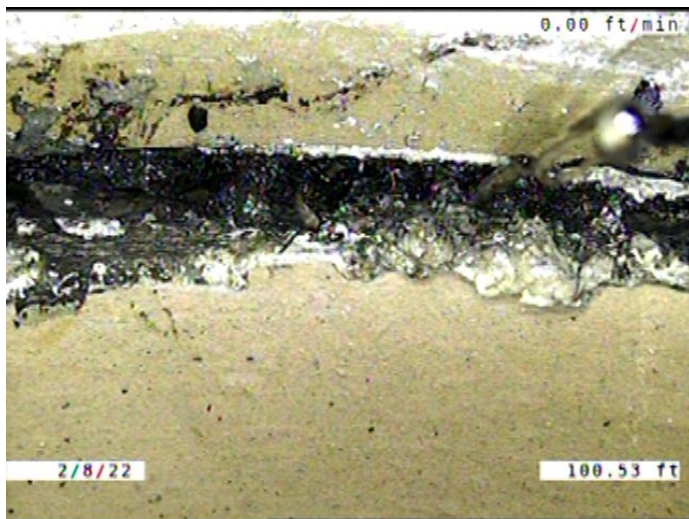
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **96.6**
 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:



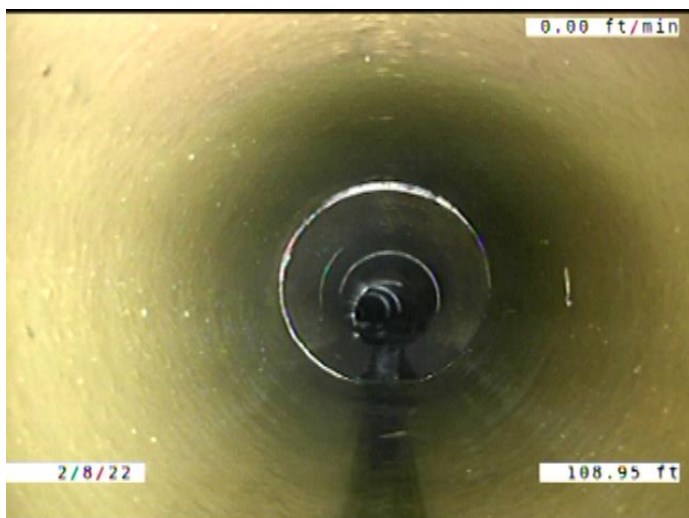
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **97.4**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S04**
 Within 8" of Joint: **NO**
 Remarks:



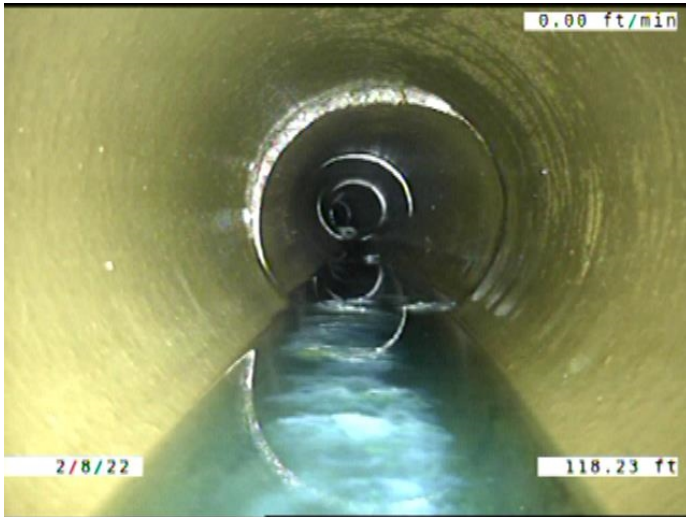
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **100.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



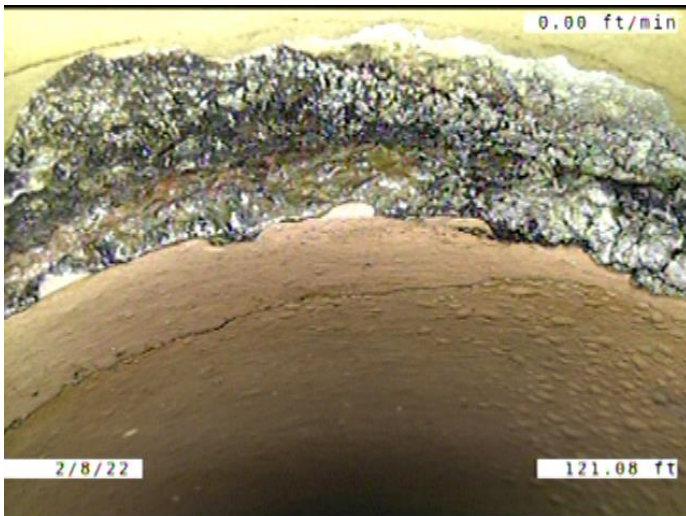
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **109.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



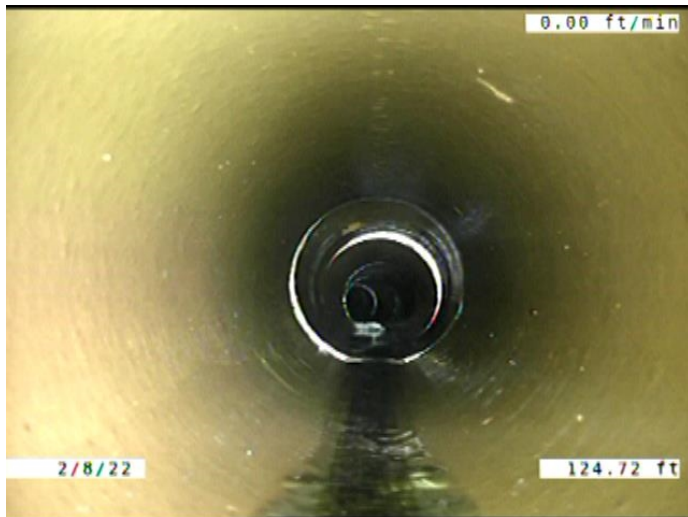
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **118.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S05**
 Within 8" of Joint: **NO**
 Remarks:



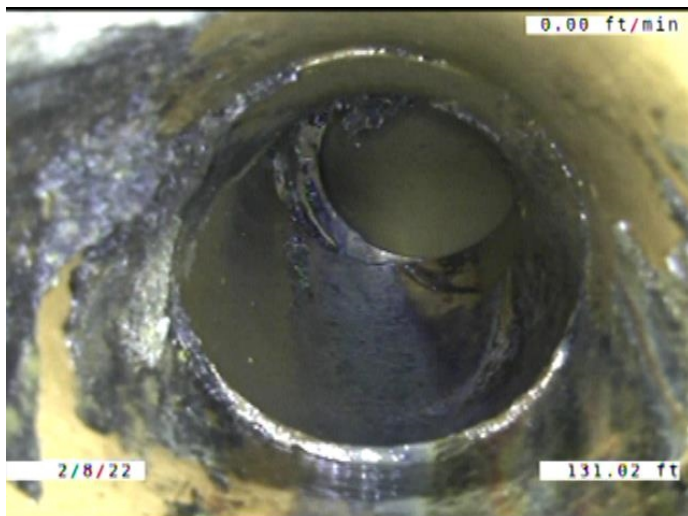
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **121.1**
 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:



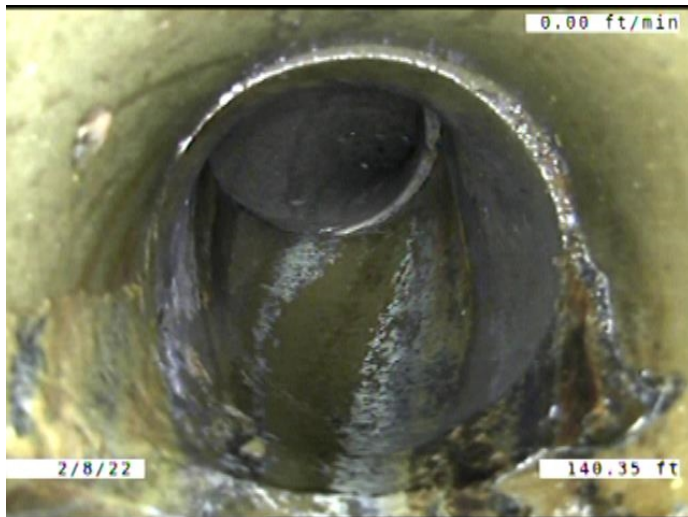
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **124.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F05**
 Within 8" of Joint: **NO**
 Remarks:



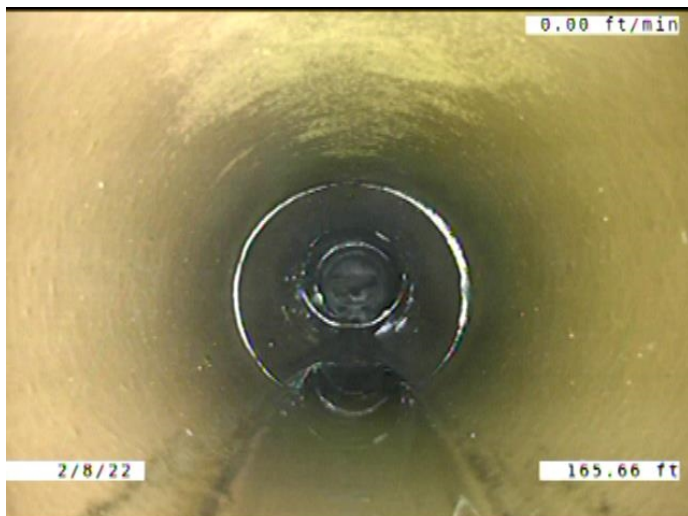
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **131.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCrustation COMING FROM THE SERVICE TO MAIN CONNECTION.**



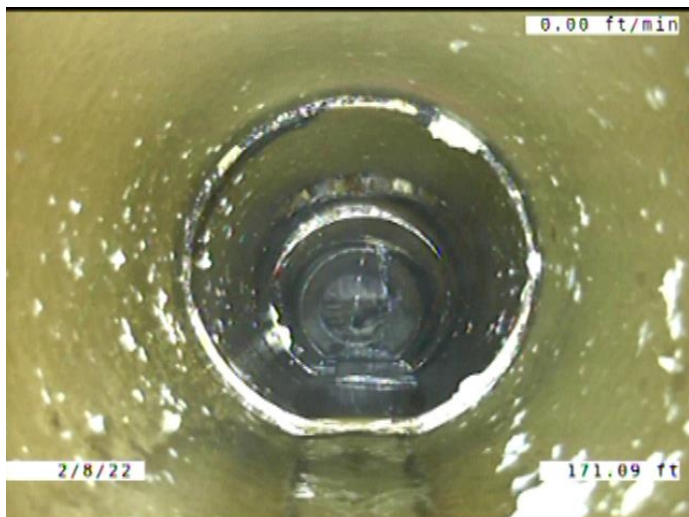
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **140.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



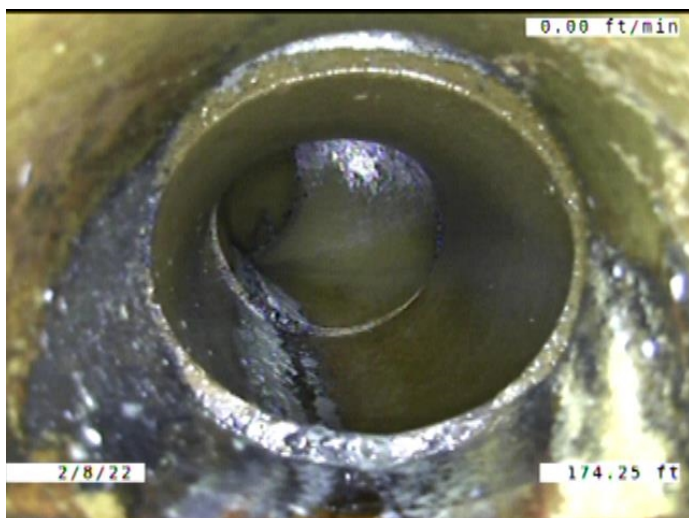
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **165.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S06**
 Within 8" of Joint: **NO**
 Remarks:



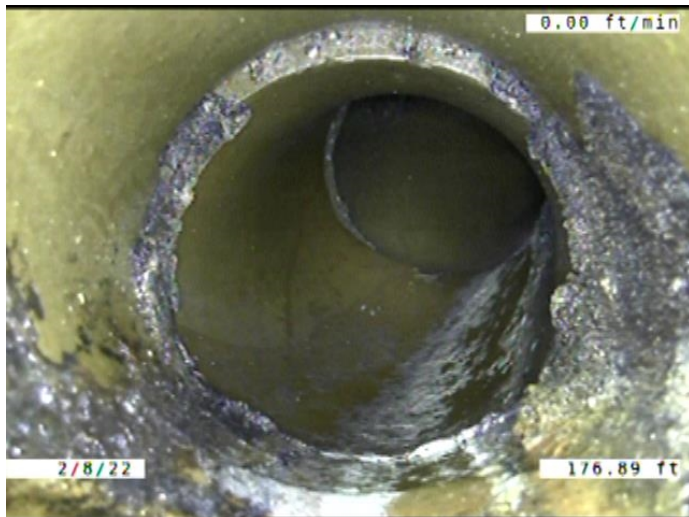
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **171.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:

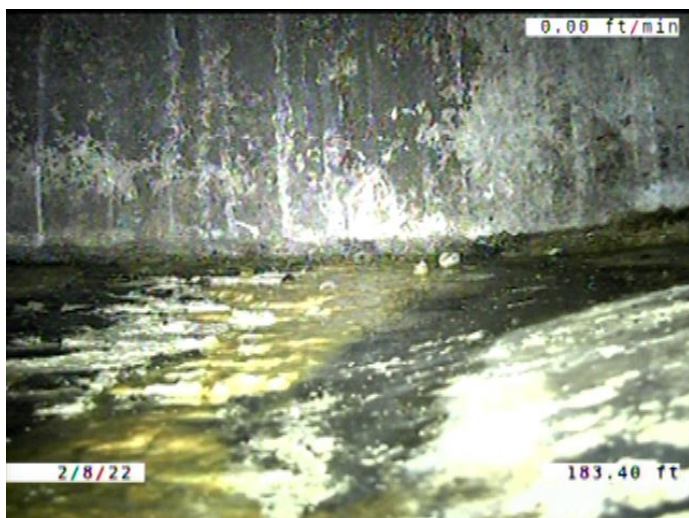


Code: **TF**
Description: **Tap Factory**

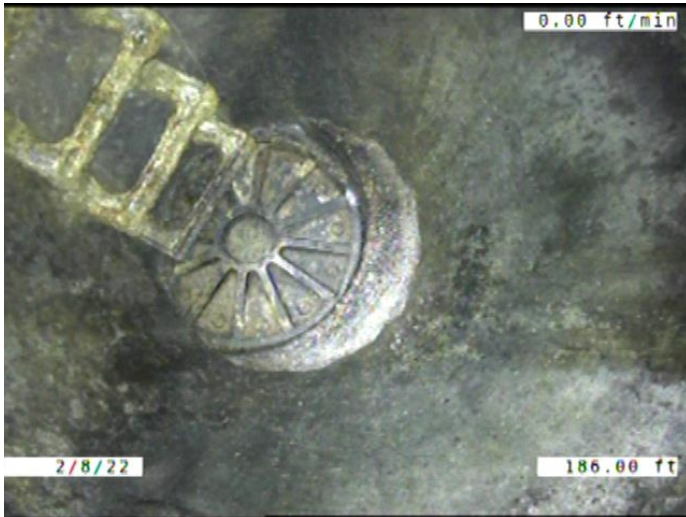
Distance (ft): **174.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **STAINING COMING FROM THE SERVICE TO MAIN CONNECTION.**



| | |
|---------------------|---|
| Code: | TFA |
| Description: | Tap Factory Activity |
| Distance (ft): | 176.9 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 12 |
| Clock To: | |
| 1st Value: | 6.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION. |



| | |
|---------------------|---------------------------------------|
| Code: | DAE |
| Description: | Deposits Attached Encrustation |
| Distance (ft): | 183.4 |
| Structural Grade: | 0 |
| O&M Grade: | 2 |
| Clock Start/From: | 8 |
| Clock To: | 4 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 5.000 |
| Continuous Index: | F01 |
| Within 8" of Joint: | YES |
| Remarks: | |



| | |
|---------------------|------------------|
| Code: | AMH |
| Description: | Manhole |
| Distance (ft): | 186.0 |
| 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-606-072 |