

Profile/Photo Observation Report



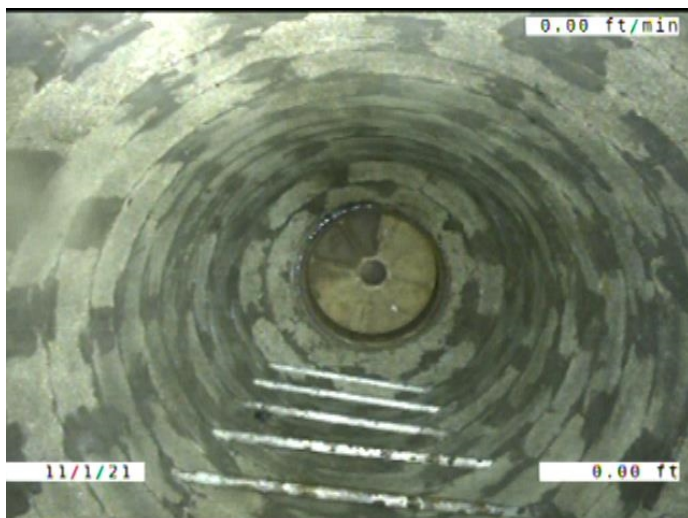
| | | | | | |
|-------------------|-----------------------|-------------|-----------------------|------------|-----------------------|
| Date: | 11/01/2021 | Weather: | | Coding: | PACP 7.0 |
| Pipe Length (ft): | 171.7 | Owner: | City of Hobart | Pre Clean: | Heavy Cleaning |
| P.O.#: | YES502259 | Surveyor: | S. Bucklin | PSR: | P-504-030-023 |
| Customer: | City of Hobart | Clean Date: | 10/28/2021 | Shape: | C |

| | | | |
|-------------|------------------------------|---------------|-----------------------|
| Street: | North Colorado Street | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Alley | Tape/Media #: | |
| Purpose: | Routine Assessment | Dia/Height: | 12" |
| Use: | Sanitary Sewage Pipe | Material: | VCP |
| Drain Area: | | Lining: | None |
| Category: | NA | | |
| Comment: | | | |

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-504-023 | DS MH: | M-504-030 |
| | | Total Length Surveyed (ft): | 17.5 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 2.36 | O&M Quick: | 3623 | O&M Rating: | 26.00 |
| Structural Index: | 4.00 | Structural Quick: | 4100 | Structural Rating: | 4.00 |
| Overall Index: | 2.50 | Overall Quick: | 4136 | Overall Rating: | 30.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|--|----------|----------|--------------------------------|-------------|-------|
| | .0 | AMH | Manhole | 1 | NA |
| | .0 | MWL | Miscellaneous Water Level | 72 | NA |
| | .0 | DSF(S01) | Deposits Settled Fine | 81 | M 2 |
| | 3.9 | RFJ | Roots Fine Joint | 138 | M 1 |
| | 7.3 | TFC | Tap Factory Capped | 185 | NA |
| | 8.9 | RFJ | Roots Fine Joint | 238 | M 1 |
| | 9.6 | RMC | Roots Medium Connection | 282 | M 3 |
| | 9.7 | TFD | Tap Factory Defective | 308 | M 3 |
| | 13.8 | RMJ | Roots Medium Joint | 406 | M 3 |
| | 14.5 | RMC | Roots Medium Connection | 507 | M 3 |
| | 14.5 | B | Broken | 524 | S 4 |
| | 14.5 | TBD | Tap Break-in/Hammer Defective | 548 | M 3 |
| | 16.4 | RMJ | Roots Medium Joint | 627 | M 3 |
| | 17.4 | DSF(F01) | Deposits Settled Fine | 713 | M 2 |
| | 17.5 | MSA | Miscellaneous Survey Abandoned | 721 | NA |



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-504-023**



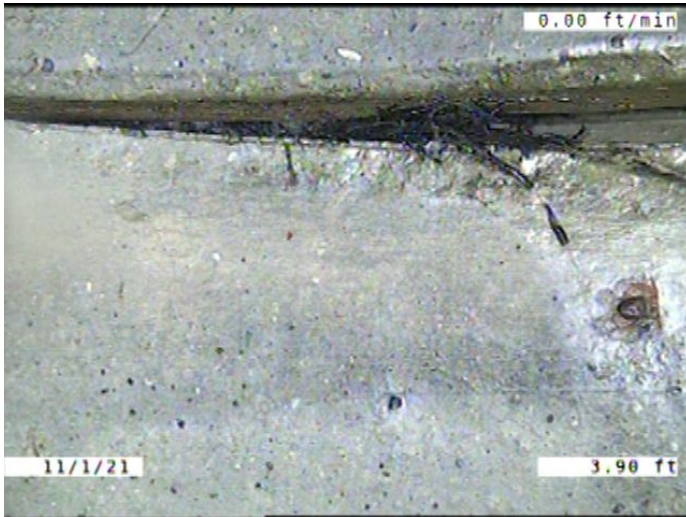
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



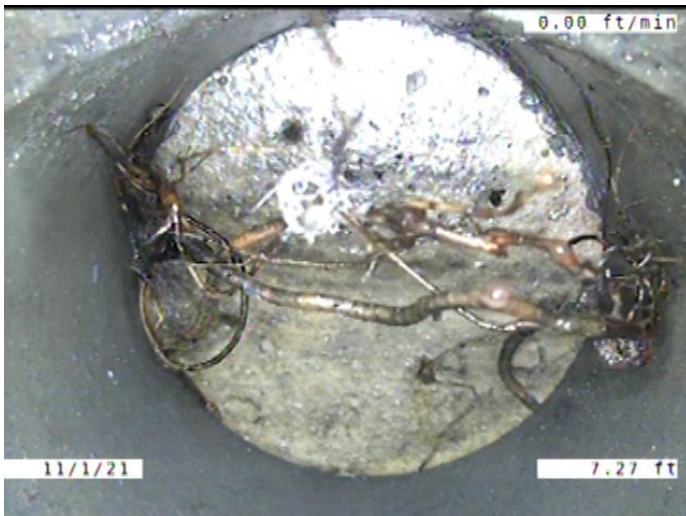
Code: **DSF**
Description: **Deposits Settled Fine**

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

Distance (ft): **3.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



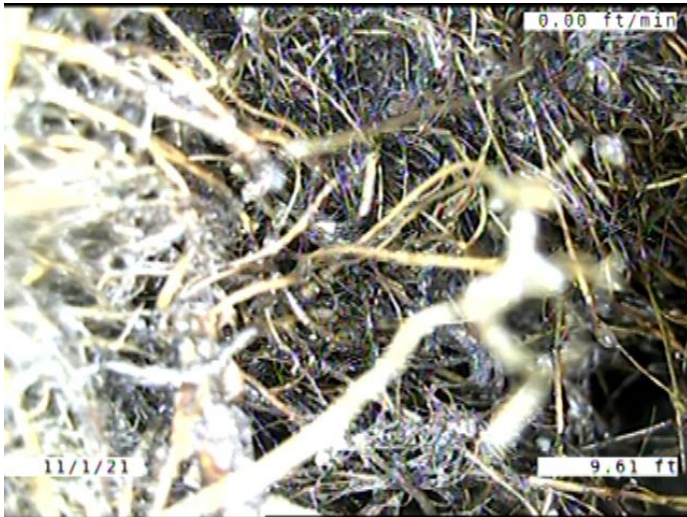
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **7.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING AROUND THE CAP**



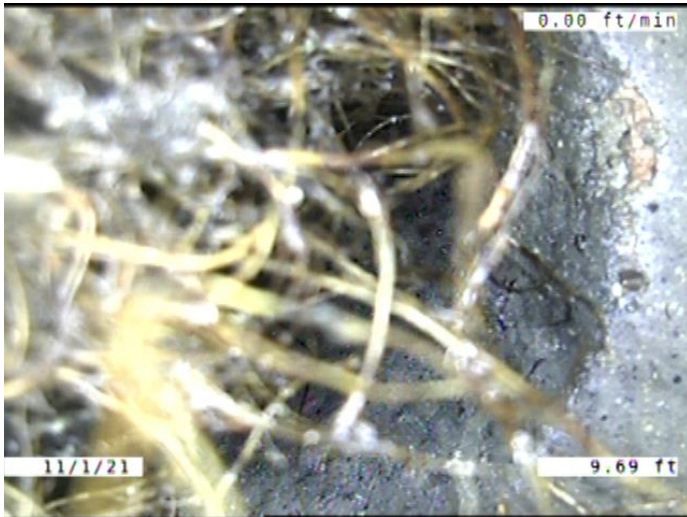
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **8.9**
 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:

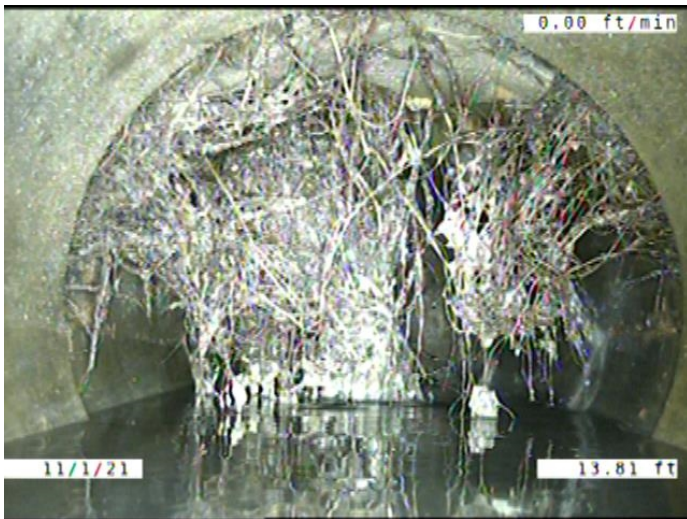


Code: **RMC**
 Description: **Roots Medium Connection**

Distance (ft): **9.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



| | |
|---------------------|--|
| Code: | TFD |
| Description: | Tap Factory Defective |
| Distance (ft): | 9.7 |
| Structural Grade: | 0 |
| O&M Grade: | 3 |
| Clock Start/From: | 11 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | LOOKS TO BE 100% PLUGGED WITH ROOTS. ROOTS GROWING INTO THE |

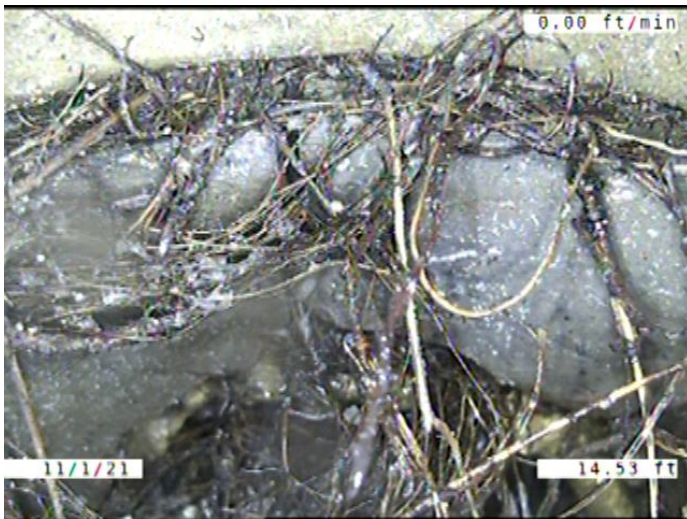


| | |
|---------------------|---------------------------|
| Code: | RMJ |
| Description: | Roots Medium Joint |
| Distance (ft): | 13.8 |
| Structural Grade: | 0 |
| O&M Grade: | 3 |
| Clock Start/From: | 8 |
| Clock To: | 3 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 10.000 |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |



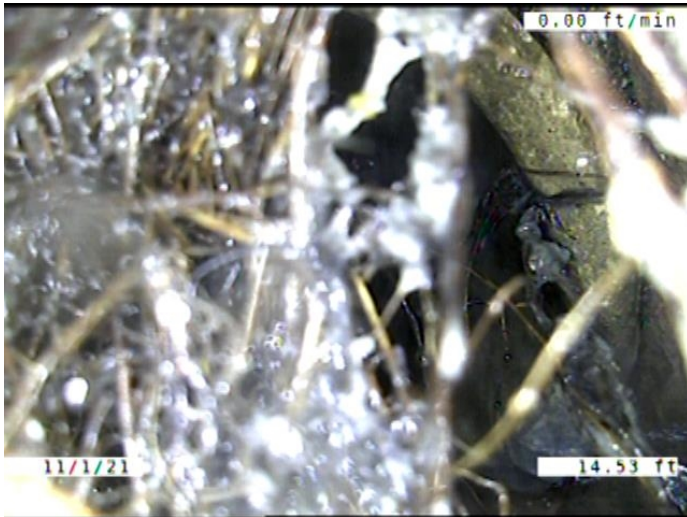
Code: **RMC**
 Description: **Roots Medium Connection**

Distance (ft): **14.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent: **40.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



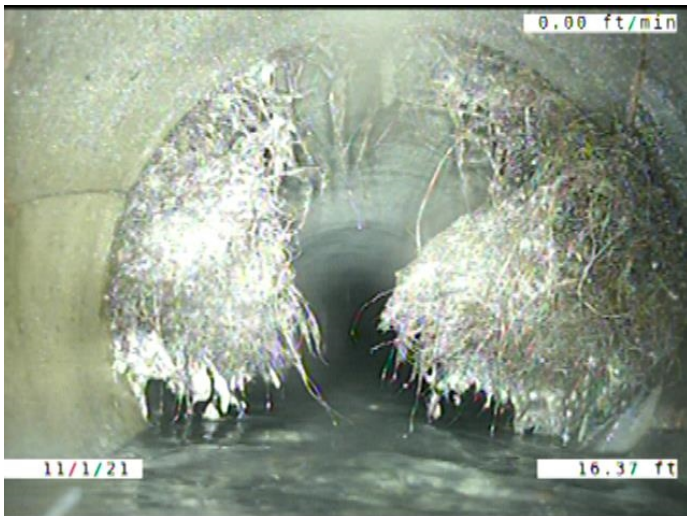
Code: **B**
 Description: **Broken**

Distance (ft): **14.5**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **14.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **BROKEN. ROOTS GROWING OUT OF AND AROUND THE TAP. CONSTANTLY**



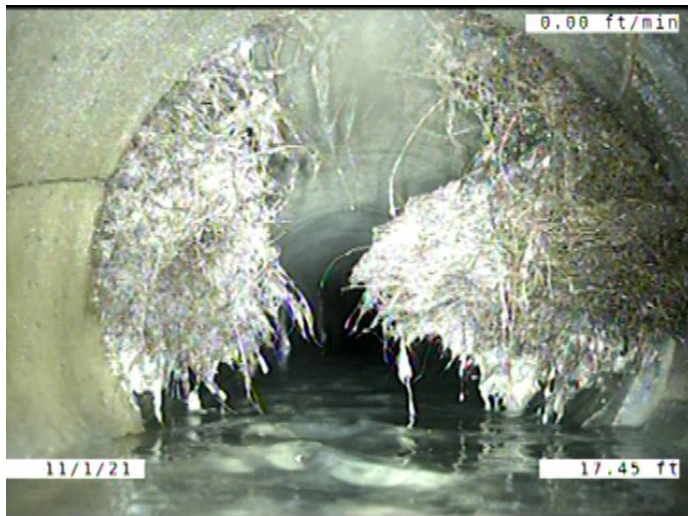
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **16.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **50.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **17.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



Code: **MSA**
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **17.5**
 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 ROOTS**