

Profile/Photo Observation Report




| | | | | | |
|-------------------|-------------------|-------------|---------------------|------------|----------------------|
| Date: | 04/13/2018 | Weather: | | Coding: | PACP 6.0 |
| Pipe Length (ft): | 196.6 | Owner: | NA | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Jen Costello | PSR: | P-806-004-005 |
| Customer: | | Clean Date: | 01/01/1900 | Shape: | C |

| | | | |
|-------------|---------------------------------------|---------------|-----------------------|
| Street: | LUTHER DR | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Light Highway | Tape/Media #: | |
| Purpose: | Maintenance Related | Dia/Height: | 8" |
| Use: | Sanitary | Material: | VCP |
| Drain Area: | NA | Lining: | Cured in Place |
| Category: | NA | | |
| Comment: | roots at 103'.-flow incorrect. | | |

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-806-005 | DS MH: | M-806-004 |
| | | Total Length Surveyed (ft): | 104.8 |

| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index: | 2.57 | O&M Quick: | 3521 | O&M Rating: | 18.00 |
| Structural Index: | 2.00 | Structural Quick: | 2100 | Structural Rating: | 2.00 |
| Overall Index: | 2.50 | Overall Quick: | 3522 | Overall Rating: | 20.00 |

| Position | Code | Observation | Video (sec) | Grade |
|--|------|--------------------------|-------------|-------|
|  | | | | |
| .0 | AMH | Manhole | 10 | NA |
| .0 | MWL | Water Level | 21 | NA |
| 16.7 | TF | Tap Factory | 66 | NA |
| 22.4 | MGO | General Observation | 91 | NA |
| 62.2 | FC | Fracture Circumferential | 183 | S 2 |
| 62.8 | RFJ | Roots Fine Joint | 196 | M 1 |
| 87.1 | RMJ | Roots Medium Joint | 256 | M 3 |
| 88.0 | TFD | Tap Factory Defective | 269 | M 2 |
| 88.0 | RML | Roots Medium Lateral | 280 | M 3 |
| 92.3 | RMJ | Roots Medium Joint | 300 | M 3 |
| 100.5 | RMJ | Roots Medium Joint | 329 | M 3 |
| 104.3 | RMJ | Roots Medium Joint | 350 | M 3 |
| 104.8 | MSA | Abandoned Survey | 367 | NA |

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

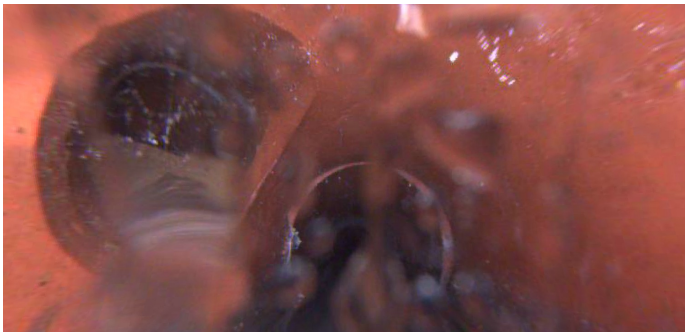


| | |
|--------------|--------------------|
| Code: | MWL |
| Description: | Water Level |



| | |
|---------------------|---------------|
| 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: | TF |
| Description: | Tap Factory |



| | |
|---------------------|--------------|
| Distance (ft): | 16.7 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 10 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |

Code: **MGO**
Description: **General Observation**



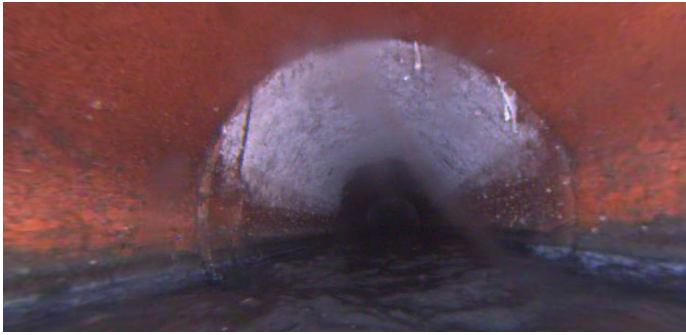
Distance (ft): **22.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **rear camera**

Code: **FC**
Description: **Fracture Circumferential**



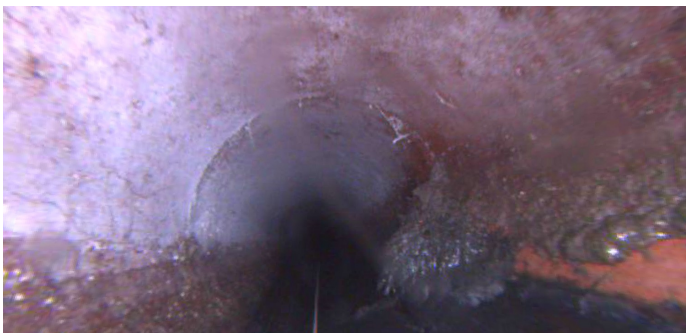
Distance (ft): **62.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **62.8**
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: **RMJ**
Description: **Roots Medium Joint**



Distance (ft): **87.1**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



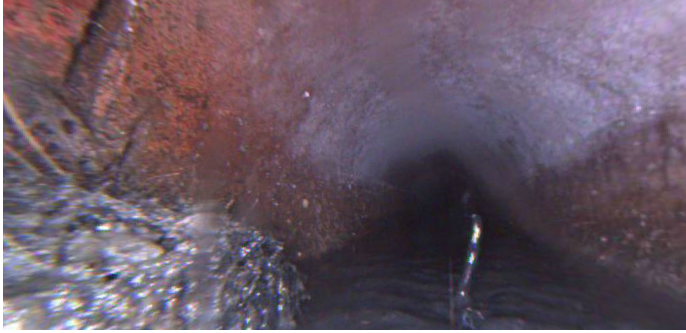
Distance (ft): **88.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **rml**

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



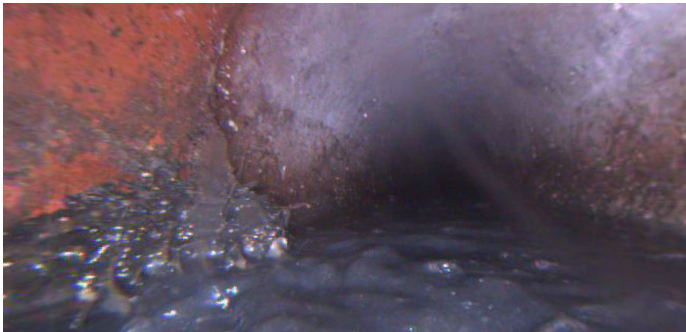
Distance (ft): **88.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



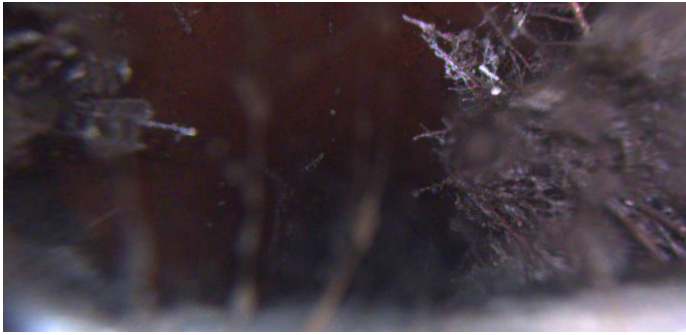
Distance (ft): **92.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



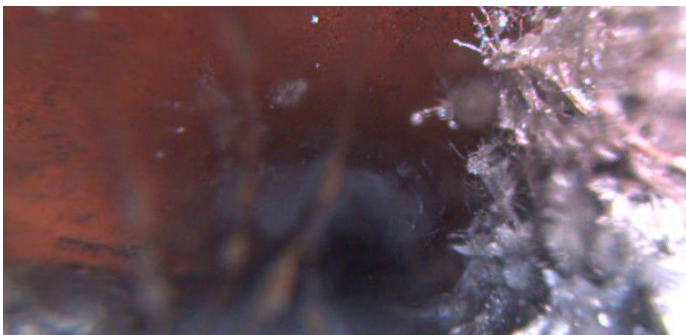
Distance (ft): **100.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **104.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **104.8**
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: **roots**