

Profile/Photo Observation Report

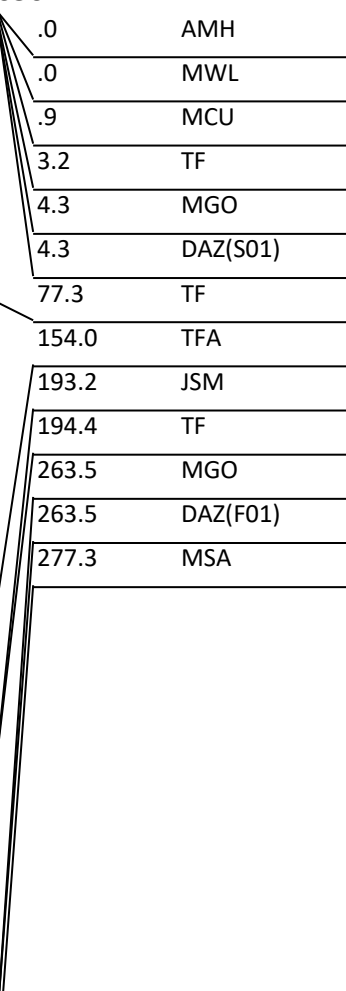


| | | | | | |
|-------------------|-------------------|-------------|-----------------------|------------|----------------------|
| Date: | 03/20/2018 | Weather: | | Coding: | PACP 6.0 |
| Pipe Length (ft): | 296.1 | Owner: | NA | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | John Kuglmaier | PSR: | P-902-031-056 |
| Customer: | | Clean Date: | 01/01/1900 | Shape: | O |

| | | | |
|-------------|--------------------------------------|---------------|-----------------------|
| Street: | RUSH PL | Flow Control: | Not Controlled |
| City: | Hobart, IN | Year Renewed: | |
| Location: | Main Highway - Suburban/Rural | Tape/Media #: | |
| Purpose: | Resurvey | Dia/Height: | 12" |
| Use: | Sanitary | Material: | PVC |
| Drain Area: | NA | Lining: | |
| Category: | NA | | |
| Comment: | | | |

| | | | |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: | | Direction of Survey: | Downstream |
| US MH: | M-902-056 | DS MH: | M-902-031 |
| | | Total Length Surveyed (ft): | 277.3 |

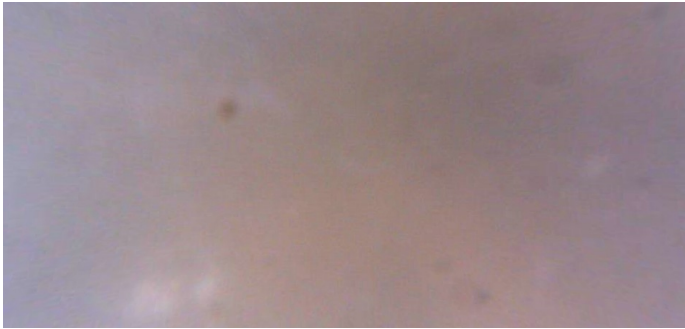
| | | | | | |
|-------------------|-------------|-------------------|-------------|--------------------|---------------|
| O&M Index: | 2.04 | O&M Quick: | 412I | O&M Rating: | 108.00 |
| Structural Index: | 1.00 | Structural Quick: | 1100 | Structural Rating: | 1.00 |
| Overall Index: | 2.02 | Overall Quick: | 412I | Overall Rating: | 109.00 |

| Position | Code | Observation | Video (sec) | Grade |
|------------------------------------------------------------------------------------|----------|-------------------------|-------------|-------|
|  | | | | |
| .0 | AMH | Manhole | 10 | NA |
| .0 | MWL | Water Level | 21 | NA |
| .9 | MCU | Camera Underwater | 35 | M 4 |
| 3.2 | TF | Tap Factory | 53 | NA |
| 4.3 | MGO | General Observation | 71 | NA |
| 4.3 | DAZ(S01) | Deposits Attached Other | 82 | M 2 |
| 77.3 | TF | Tap Factory | 240 | NA |
| 154.0 | TFA | Tap Factory Active | 406 | NA |
| 193.2 | JSM | Joint Separated Medium | 497 | S 1 |
| 194.4 | TF | Tap Factory | 512 | NA |
| 263.5 | MGO | General Observation | 664 | NA |
| 263.5 | DAZ(F01) | Deposits Attached Other | 677 | M 2 |
| 277.3 | MSA | Abandoned Survey | 718 | NA |

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

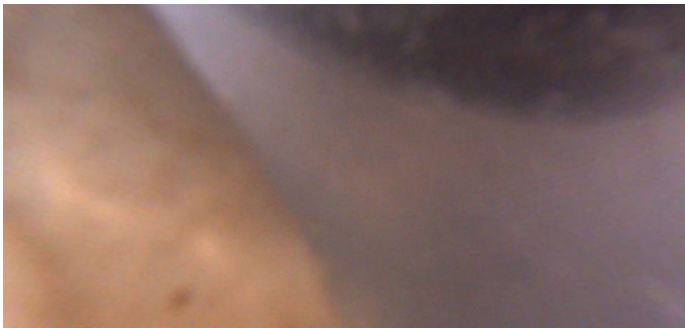


| | |
|--------------|--------------------|
| Code: | MWL |
| Description: | Water Level |



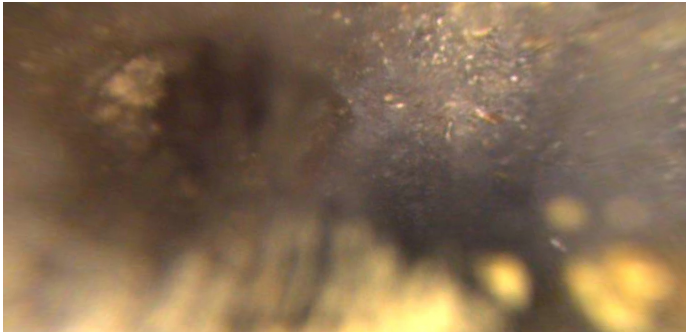
| | |
|---------------------|---------------|
| Distance (ft): | .0 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 40.000 |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |

| | |
|--------------|--------------------------|
| Code: | MCU |
| Description: | Camera Underwater |



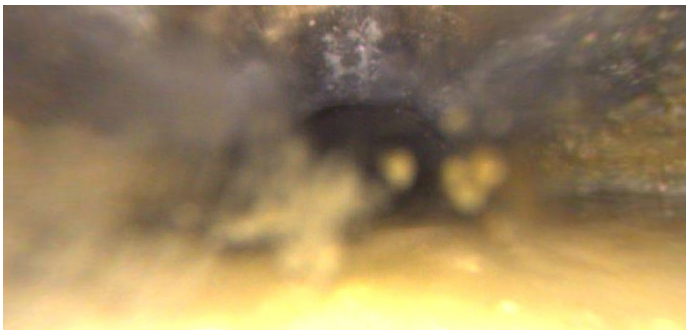
| | |
|---------------------|-----------|
| Distance (ft): | .9 |
| Structural Grade: | 0 |
| O&M Grade: | 4 |
| Clock Start/From: | |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |

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



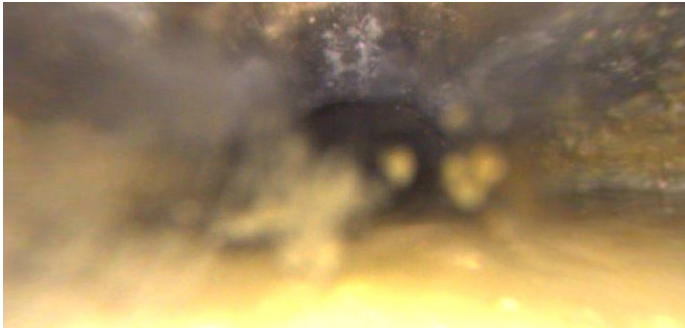
Distance (ft): **3.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



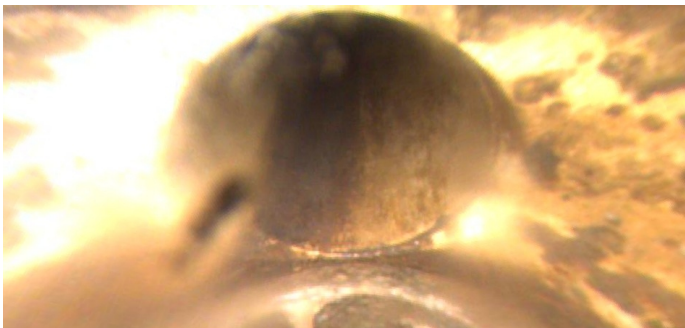
Distance (ft): **4.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Switching to rear camera**

Code: **DAZ**
Description: **Deposits Attached Other**



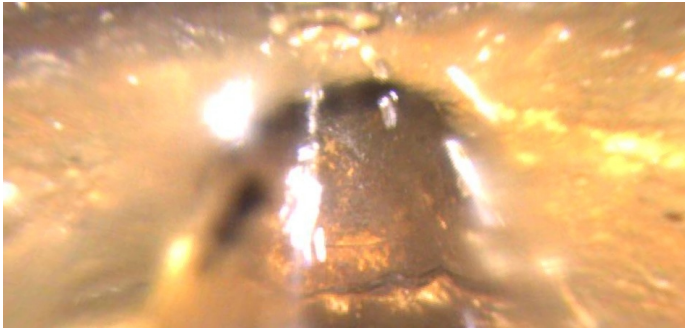
Distance (ft): **4.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks: **Mixed materials**

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



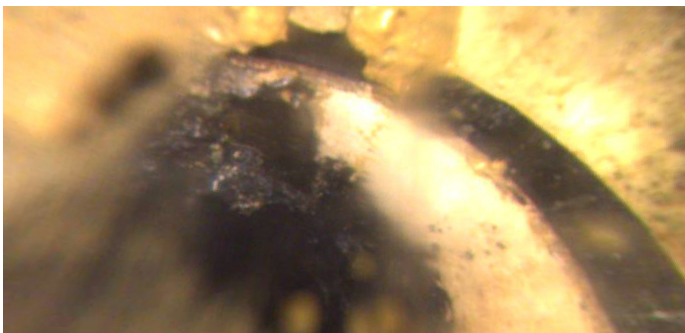
Distance (ft): **77.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TFA**
Description: **Tap Factory Active**



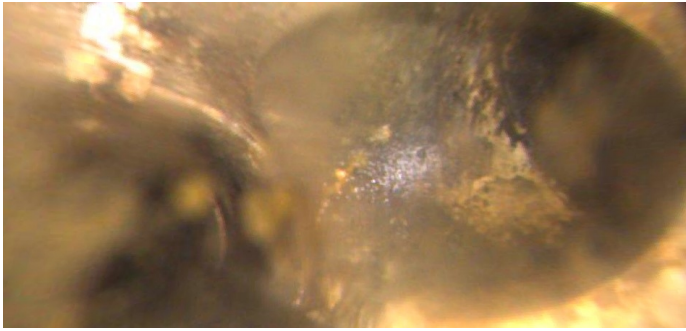
Distance (ft): **154.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **JSM**
Description: **Joint Separated Medium**



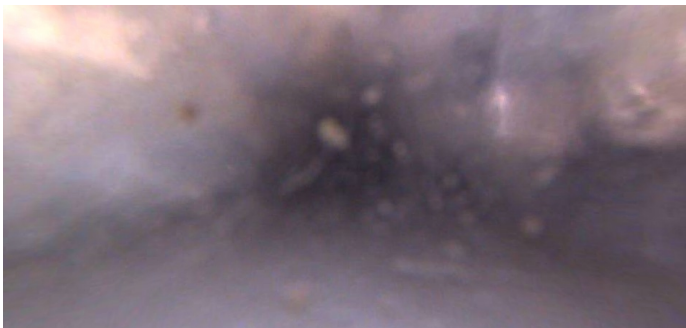
Distance (ft): **193.2**
Structural Grade: **1**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



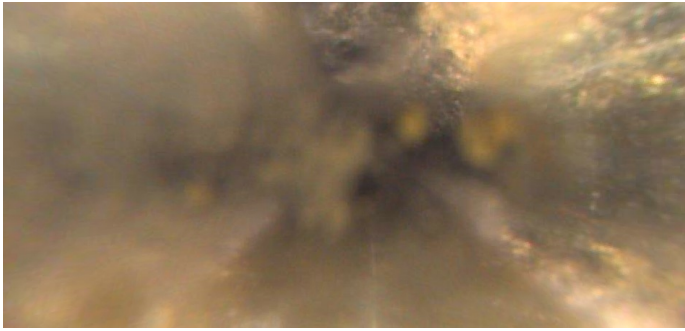
Distance (ft): **194.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



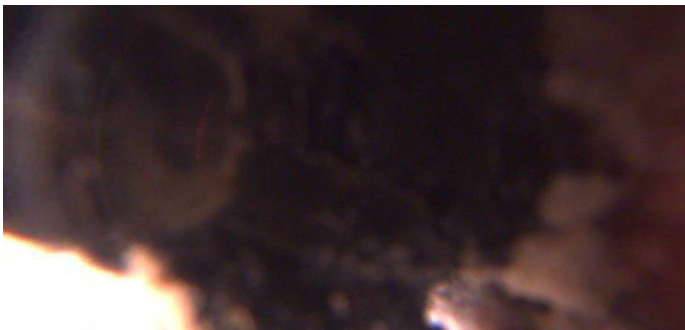
Distance (ft): **263.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Switching to front camera**

Code: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **263.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks: **Mixed materials / Clock positions vary**

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



Distance (ft): **277.3**
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: **Unknown**