

## Profile/Photo Observation Report

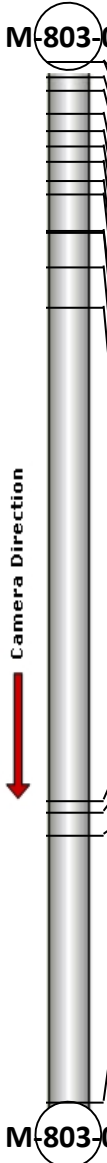


|                   |                   |             |                     |            |                      |
|-------------------|-------------------|-------------|---------------------|------------|----------------------|
| Date:             | <b>09/30/2018</b> | Weather:    |                     | Coding:    | <b>PACP 6.0</b>      |
| Pipe Length (ft): | <b>193.9</b>      | Owner:      | <b>NA</b>           | Pre Clean: | <b>Not Known</b>     |
| P.O.#:            |                   | Surveyor:   | <b>Selasie Honu</b> | PSR:       | <b>P-803-050-051</b> |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>   | Shape:     | <b>C</b>             |

|             |                           |               |                       |
|-------------|---------------------------|---------------|-----------------------|
| Street:     | <b>Kelly St.</b>          | Flow Control: | <b>Not Controlled</b> |
| City:       | <b>Hobart, IN</b>         | Year Renewed: |                       |
| Location:   | <b>Light Highway</b>      | Tape/Media #: |                       |
| Purpose:    | <b>Routine Assessment</b> | Dia/Height:   | <b>10"</b>            |
| Use:        | <b>Sanitary</b>           | Material:     | <b>VCP</b>            |
| Drain Area: | <b>NA</b>                 | Lining:       |                       |
| Category:   | <b>NA</b>                 |               |                       |
| Comment:    |                           |               |                       |

|                   |                  |                             |                   |
|-------------------|------------------|-----------------------------|-------------------|
| Location Details: |                  | Direction of Survey:        | <b>Downstream</b> |
| US MH:            | <b>M-803-051</b> | DS MH:                      | <b>M-803-050</b>  |
|                   |                  | Total Length Surveyed (ft): | <b>195.4</b>      |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>1.42</b> | O&M Quick:        | <b>3221</b> | O&M Rating:        | <b>17.00</b> |
| Structural Index: | <b>0.00</b> | Structural Quick: | <b>0000</b> | Structural Rating: | <b>0.00</b>  |
| Overall Index:    | <b>1.42</b> | Overall Quick:    | <b>3221</b> | Overall Rating:    | <b>17.00</b> |

|  | Position | Code     | Observation           | Video (sec) | Grade |
|--|----------|----------|-----------------------|-------------|-------|
|  |          |          |                       |             |       |
|  | .0       | AMH      | Manhole               | 10          | NA    |
|  | .0       | MWL      | Water Level           | 21          | NA    |
|  | 3.0      | TF       | Tap Factory           | 38          | NA    |
|  | 7.1      | RFJ      | Roots Fine Joint      | 58          | M 1   |
|  | 9.7      | RMJ      | Roots Medium Joint    | 74          | M 3   |
|  | 13.1     | RMJ      | Roots Medium Joint    | 92          | M 3   |
|  | 15.8     | RFJ      | Roots Fine Joint      | 109         | M 1   |
|  | 18.6     | RFJ      | Roots Fine Joint      | 125         | M 1   |
|  | 22.3     | RFJ      | Roots Fine Joint      | 144         | M 1   |
|  | 25.0     | RFJ(S01) | Roots Fine Joint      | 161         | M 1   |
|  | 33.6     | RFJ(F01) | Roots Fine Joint      | 190         | M 1   |
|  | 34.0     | TFD      | Tap Factory Defective | 203         | M 2   |
|  | 40.4     | RFJ      | Roots Fine Joint      | 227         | M 1   |
|  | 46.2     | RFJ      | Roots Fine Joint      | 251         | M 1   |
|  | 138.9    | RFJ      | Roots Fine Joint      | 448         | M 1   |
|  | 141.1    | TF       | Tap Factory           | 464         | NA    |
|  | 145.2    | TF       | Tap Factory           | 484         | NA    |
|  | 195.4    | AMH      | Manhole               | 596         | 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-803-051**

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|              |                    |
|--------------|--------------------|
| Code:        | <b>MWL</b>         |
| Description: | <b>Water Level</b> |



|                     |              |
|---------------------|--------------|
| Distance (ft):      | <b>.0</b>    |
| Structural Grade:   | <b>0</b>     |
| O&M Grade:          | <b>0</b>     |
| Clock Start/From:   |              |
| Clock To:           |              |
| 1st Value:          |              |
| 2nd Value:          |              |
| Value Percent:      | <b>5.000</b> |
| Continuous Index:   |              |
| Within 8" of Joint: | <b>NO</b>    |
| Remarks:            |              |

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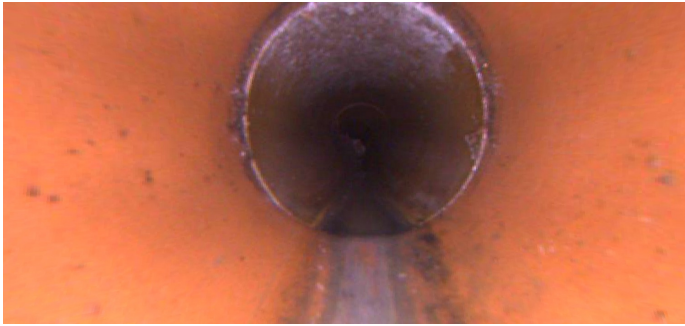
|              |                    |
|--------------|--------------------|
| Code:        | <b>TF</b>          |
| Description: | <b>Tap Factory</b> |



|                     |              |
|---------------------|--------------|
| Distance (ft):      | <b>3.0</b>   |
| Structural Grade:   | <b>0</b>     |
| O&M Grade:          | <b>0</b>     |
| Clock Start/From:   | <b>3</b>     |
| Clock To:           |              |
| 1st Value:          | <b>4.000</b> |
| 2nd Value:          |              |
| Value Percent:      |              |
| Continuous Index:   |              |
| Within 8" of Joint: |              |
| Remarks:            |              |

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



Distance (ft): **7.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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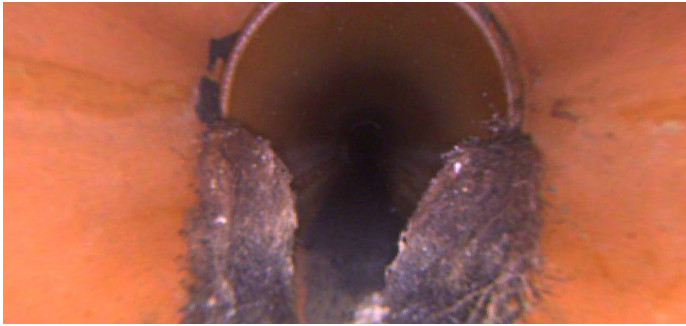
Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **9.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **13.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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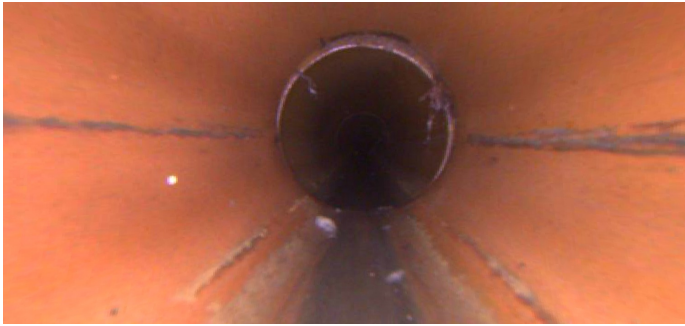
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **15.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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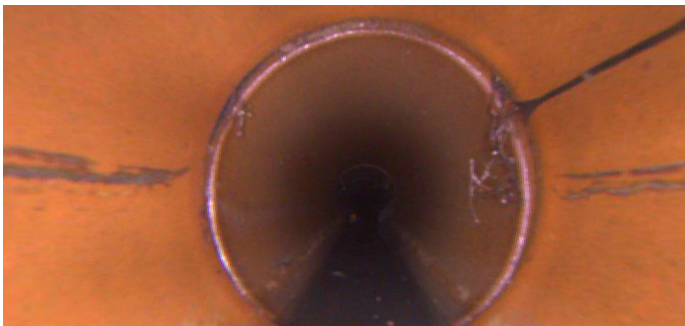
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **18.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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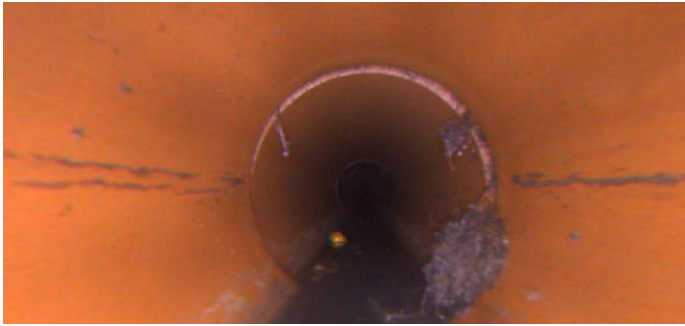
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **22.3**  
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:

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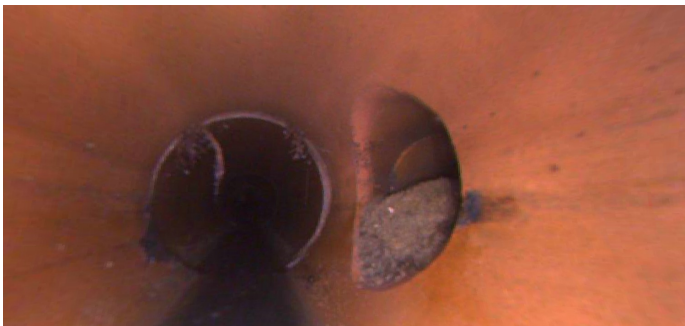
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **25.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **33.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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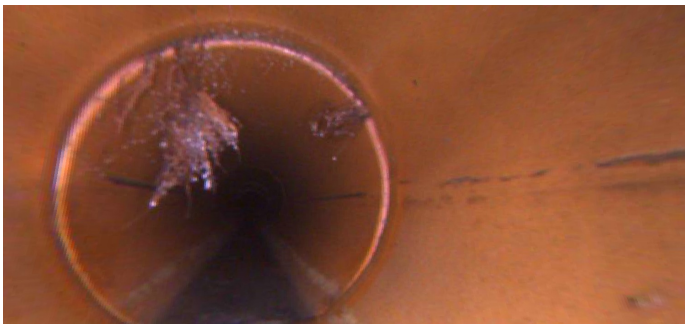
Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **34.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **root infiltration**

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

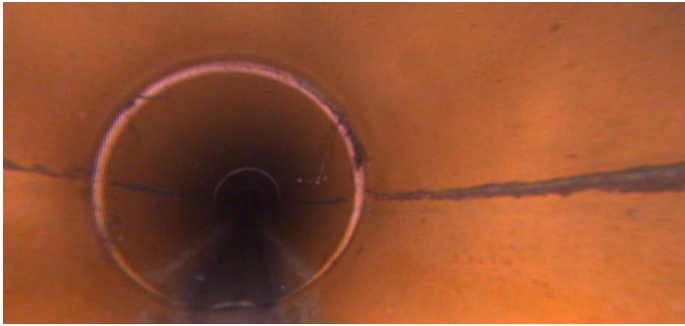


Distance (ft): **40.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **46.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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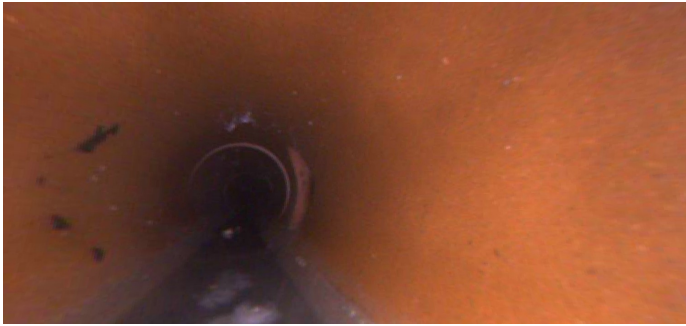
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **138.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **141.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

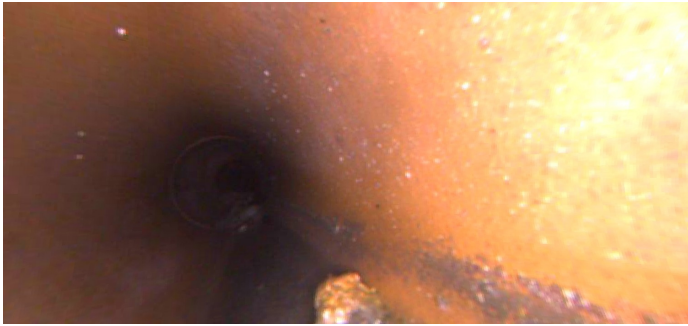
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Code: **TF**  
Description: **Tap Factory**



Distance (ft): **145.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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|                     |           |
|---------------------|-----------|
| Code:               | AMH       |
| Description:        | Manhole   |
| Distance (ft):      | 195.4     |
| 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:            | M-803-050 |