

## Profile/Photo Observation Report




|                   |                   |             |                        |            |                      |
|-------------------|-------------------|-------------|------------------------|------------|----------------------|
| Date:             | <b>10/01/2018</b> | Weather:    |                        | Coding:    | <b>PACP 6.0</b>      |
| Pipe Length (ft): | <b>294.1</b>      | Owner:      | <b>NA</b>              | Pre Clean: | <b>Not Known</b>     |
| P.O.#:            |                   | Surveyor:   | <b>Justin Gonzales</b> | PSR:       | <b>P-803-018-019</b> |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>      | Shape:     | <b>C</b>             |

|             |                           |               |                       |
|-------------|---------------------------|---------------|-----------------------|
| Street:     | <b>41st. Ave.</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>12"</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>Upstream</b>  |
| US MH:            | <b>M-803-019</b> | DS MH:                      | <b>M-803-018</b> |
|                   |                  | Total Length Surveyed (ft): | <b>291.5</b>     |

|                   |             |                   |             |                    |               |
|-------------------|-------------|-------------------|-------------|--------------------|---------------|
| O&M Index:        | <b>1.90</b> | O&M Quick:        | <b>312K</b> | O&M Rating:        | <b>131.00</b> |
| Structural Index: | <b>3.00</b> | Structural Quick: | <b>3100</b> | Structural Rating: | <b>3.00</b>   |
| Overall Index:    | <b>1.91</b> | Overall Quick:    | <b>322K</b> | Overall Rating:    | <b>134.00</b> |

|   | Position | Code      | Observation                    | Video (sec) | Grade |
|---|----------|-----------|--------------------------------|-------------|-------|
| <b>M-803-018</b>  |          |           |                                |             |       |
|  | .0       | AMH       | Manhole                        | 10          | NA    |
|   | .0       | MWL       | Water Level                    | 21          | NA    |
|   | .0       | DAGS(S01) | Deposits Attached Grease       | 32          | M 2   |
|   | 3.3      | TF        | Tap Factory                    | 51          | NA    |
|   | 5.0      | DAE       | Deposits Attached Encrustation | 67          | M 2   |
|   | 5.8      | TF        | Tap Factory                    | 81          | NA    |
|   | 44.2     | TF        | Tap Factory                    | 170         | NA    |
|   | 46.7     | TF        | Tap Factory                    | 187         | NA    |
|   | 109.0    | TBD       | Tap Break-in Defective         | 323         | M 3   |
|   | 112.0    | TF        | Tap Factory                    | 341         | NA    |
|   | 113.9    | TF        | Tap Factory                    | 357         | NA    |
|   | 179.3    | TF        | Tap Factory                    | 500         | NA    |
|   | 181.3    | TF        | Tap Factory                    | 516         | NA    |
|   | 185.4    | TBI       | Tap Break-in Intruding         | 537         | M 2   |
|   | 185.4    | CM        | Crack Multiple                 | 549         | S 3   |
|   | 246.8    | TF        | Tap Factory                    | 683         | NA    |
|   | 250.4    | TF        | Tap Factory                    | 703         | NA    |
|   | 251.9    | RFJ       | Roots Fine Joint               | 719         | M 1   |
|   | 257.9    | RFJ       | Roots Fine Joint               | 742         | M 1   |
|   | 264.0    | RFJ(S02)  | Roots Fine Joint               | 766         | M 1   |
|   | 291.5    | AMH       | Manhole                        | 832         | NA    |
|   | 291.5    | RFJ(F02)  | Roots Fine Joint               | 844         | M 1   |
|   | 291.5    | DAGS(F01) | Deposits Attached Grease       | 855         | M 2   |
| <b>M-803-019</b>  |          |           |                                |             |       |

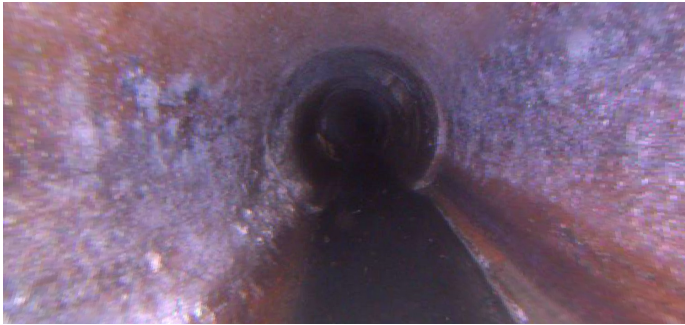
Code: **AMH**  
Description: **Manhole**



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-803-018**

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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>DAGS</b>                     |
| Description: | <b>Deposits Attached Grease</b> |



|                     |               |
|---------------------|---------------|
| Distance (ft):      | <b>.0</b>     |
| Structural Grade:   | <b>0</b>      |
| O&M Grade:          | <b>2</b>      |
| Clock Start/From:   | <b>7</b>      |
| Clock To:           | <b>5</b>      |
| 1st Value:          |               |
| 2nd Value:          |               |
| Value Percent:      | <b>5.000</b>  |
| Continuous Index:   | <b>S01</b>    |
| Within 8" of Joint: | <b>YES</b>    |
| Remarks:            | <b>WANDER</b> |

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



Distance (ft): **3.3**  
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:

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



Distance (ft): **5.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **5.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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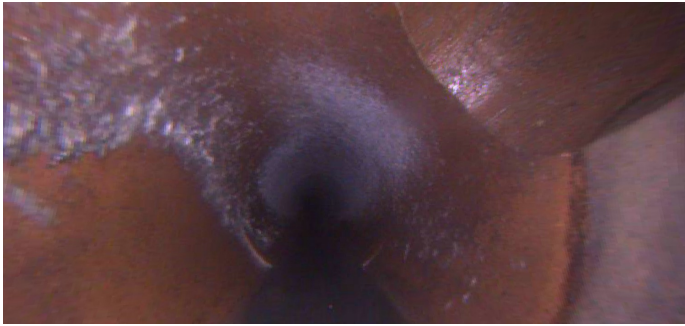
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **44.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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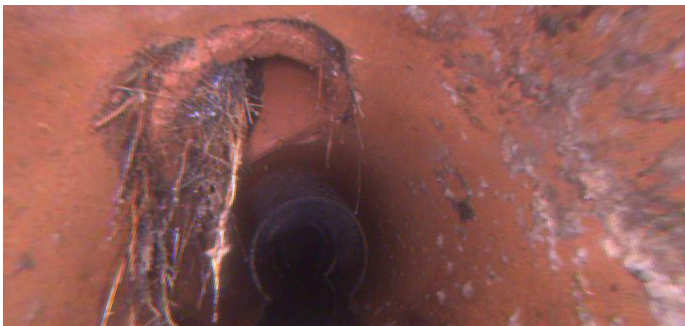
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **46.7**  
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:

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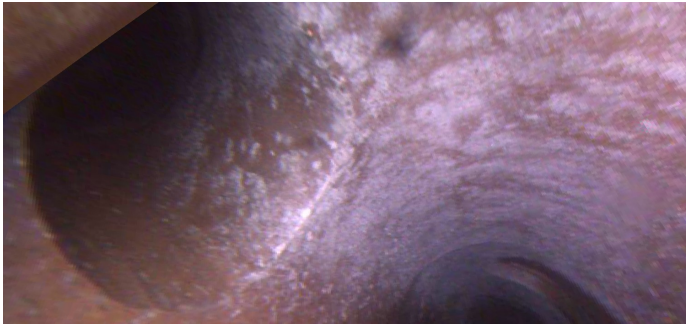
Code: **TBD**  
Description: **Tap Break-in Defective**



Distance (ft): **109.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **RF COMING FROM TAP**

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



Distance (ft): **112.0**  
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:

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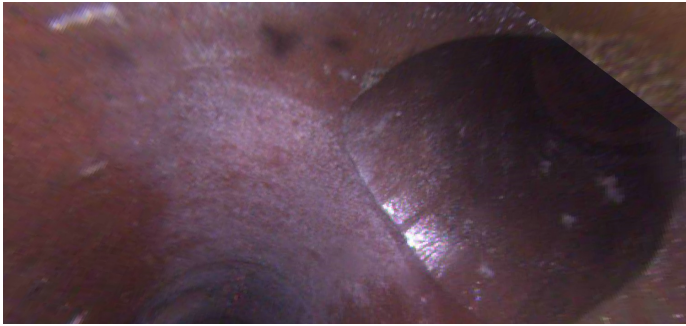
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **113.9**  
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:

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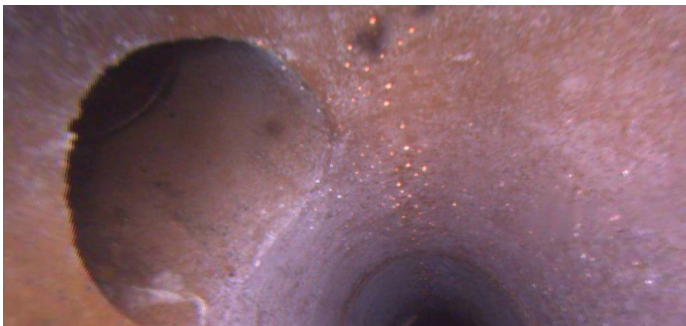
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **179.3**  
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:

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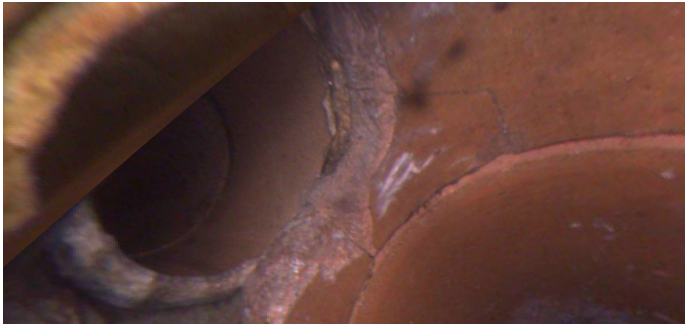
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **181.3**  
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:

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Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **185.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value: **0.500**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **CM**  
Description: **Crack Multiple**



Distance (ft): **185.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
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): **246.8**  
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): **250.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **251.9**  
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:

---

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



Distance (ft): **257.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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



Distance (ft): **264.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks: **WANDER**

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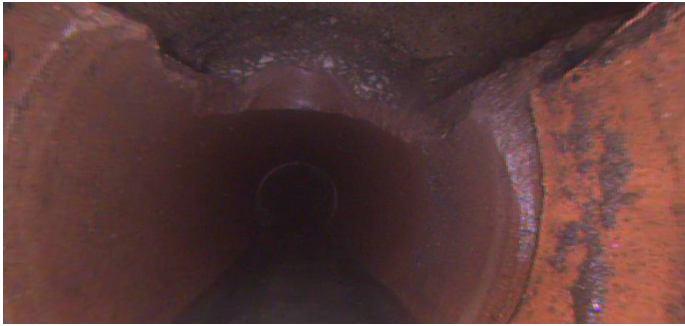
Code: **AMH**  
Description: **Manhole**



Distance (ft): **291.5**  
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: **M-803-019**

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



Distance (ft): **291.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks: **WANDER**

---

Code: **DAGS**  
Description: **Deposits Attached Grease**



Distance (ft): **291.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks: **WANDER**