

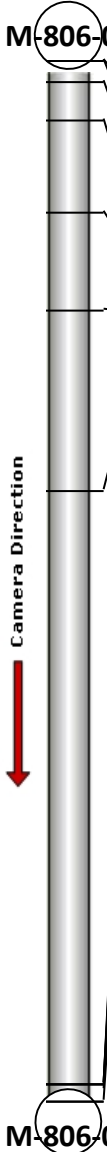
## Profile/Photo Observation Report



|                   |                   |             |                     |            |                      |
|-------------------|-------------------|-------------|---------------------|------------|----------------------|
| Date:             | <b>04/12/2018</b> | Weather:    |                     | Coding:    | <b>PACP 6.0</b>      |
| Pipe Length (ft): | <b>158.5</b>      | Owner:      | <b>NA</b>           | Pre Clean: | <b>Not Known</b>     |
| P.O.#:            |                   | Surveyor:   | <b>Jen Costello</b> | PSR:       | <b>P-806-054-055</b> |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>   | Shape:     | <b>C</b>             |

|                   |   |                             |                       |
|-------------------|---|-----------------------------|-----------------------|
| Street:           | <b>Capitol</b>  | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>   | Year Renewed:               |                       |
| Location:         | <b>Sidewalk</b>   | Tape/Media #:               |                       |
| Purpose:          | <b>Maintenance Related</b>  | Dia/Height:                 | <b>8"</b>             |
| Use:              | <b>Sanitary</b>   | Material:                   | <b>PVC</b>            |
| Drain Area:       | <b>NA</b>   | Lining:                     | <b>Cured in Place</b> |
| Category:         | <b>NA</b>   |                             |                       |
| Comment:          | <b>utility line punctured pvc segment at 70'.flow is incorrect.</b> |                             |                       |
| Location Details: |   | Direction of Survey:        | <b>Upstream</b>       |
| US MH:            | <b>M-806-055</b>  | DS MH:                      | <b>M-806-054</b>      |
|                   |   | Total Length Surveyed (ft): | <b>71.3</b>           |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>2.06</b> | O&M Quick:        | <b>312B</b> | O&M Rating:        | <b>33.00</b> |
| Structural Index: | <b>5.00</b> | Structural Quick: | <b>5200</b> | Structural Rating: | <b>10.00</b> |
| Overall Index:    | <b>2.39</b> | Overall Quick:    | <b>5231</b> | Overall Rating:    | <b>43.00</b> |

|  | Position | Code     | Observation                     | Video (sec) | Grade |
|--|----------|----------|---------------------------------|-------------|-------|
|  |          |          |                                 |             |       |
|  | .0       | AMH      | Manhole                         | 10          | NA    |
|  | .0       | MWL      | Water Level                     | 21          | NA    |
|  | 2.2      | DSF(S01) | Deposits Settled Fine           | 37          | M 2   |
|  | 4.1      | DAZ      | Deposits Attached Other         | 52          | M 2   |
|  | 11.2     | TFA      | Tap Factory Active              | 79          | NA    |
|  | 17.9     | TFA      | Tap Factory Active              | 107         | NA    |
|  | 30.3     | TFA      | Tap Factory Active              | 145         | NA    |
|  | 70.9     | OBP      | Obstacle External Pipe or Cable | 238         | M 3   |
|  | 70.9     | HVV      | Hole Void Visible               | 249         | S 5   |
|  | 70.9     | HSV      | Hole Soil Visible               | 261         | S 5   |
|  | 71.3     | MSA      | Abandoned Survey                | 274         | NA    |
|  | 71.3     | DSF(F01) | Deposits Settled Fine           | 285         | M 2   |
|  |          |          |                                 |             |       |

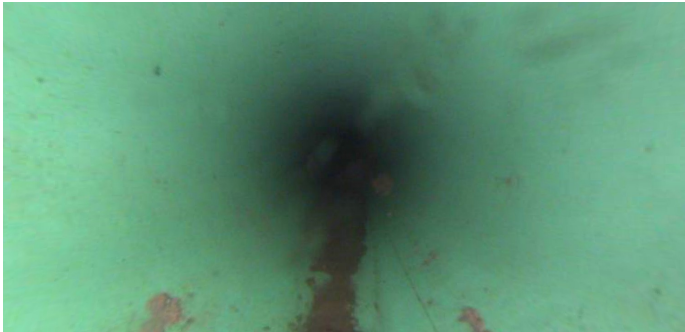
Code: **AMH**  
Description: **Manhole**



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-806-054**

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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:            |              |

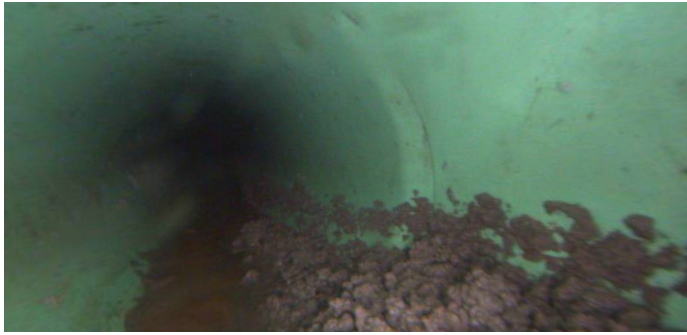
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|              |                              |
|--------------|------------------------------|
| Code:        | <b>DSF</b>                   |
| Description: | <b>Deposits Settled Fine</b> |



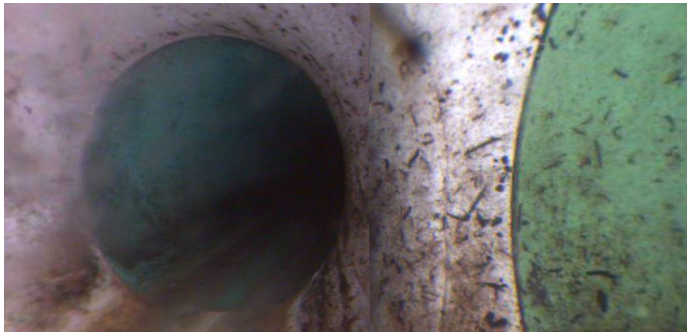
|                     |              |
|---------------------|--------------|
| Distance (ft):      | <b>2.2</b>   |
| Structural Grade:   | <b>0</b>     |
| O&M Grade:          | <b>2</b>     |
| Clock Start/From:   | <b>6</b>     |
| Clock To:           |              |
| 1st Value:          |              |
| 2nd Value:          |              |
| Value Percent:      | <b>5.000</b> |
| Continuous Index:   | <b>S01</b>   |
| Within 8" of Joint: | <b>NO</b>    |
| Remarks:            |              |

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|                     |                                |
|---------------------|--------------------------------|
| Code:               | <b>DAZ</b>                     |
| Description:        | <b>Deposits Attached Other</b> |
| Distance (ft):      | <b>4.1</b>                     |
| Structural Grade:   | <b>0</b>                       |
| O&M Grade:          | <b>2</b>                       |
| Clock Start/From:   | <b>4</b>                       |
| Clock To:           | <b>5</b>                       |
| 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>TFA</b>                |
| Description:        | <b>Tap Factory Active</b> |
| Distance (ft):      | <b>11.2</b>               |
| Structural Grade:   | <b>0</b>                  |
| O&M Grade:          | <b>0</b>                  |
| Clock Start/From:   | <b>9</b>                  |
| Clock To:           |                           |
| 1st Value:          | <b>4.000</b>              |
| 2nd Value:          |                           |
| Value Percent:      |                           |
| Continuous Index:   |                           |
| Within 8" of Joint: |                           |
| Remarks:            |                           |

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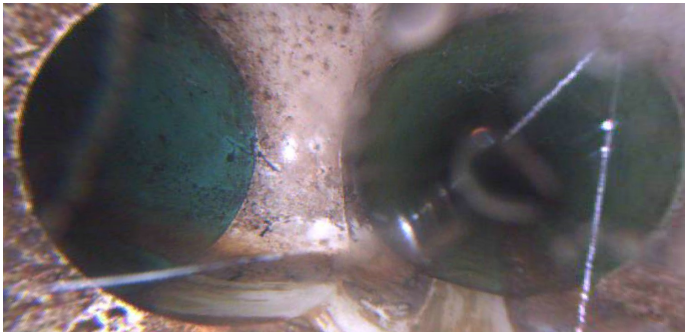
Code: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **17.9**  
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: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **30.3**  
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:

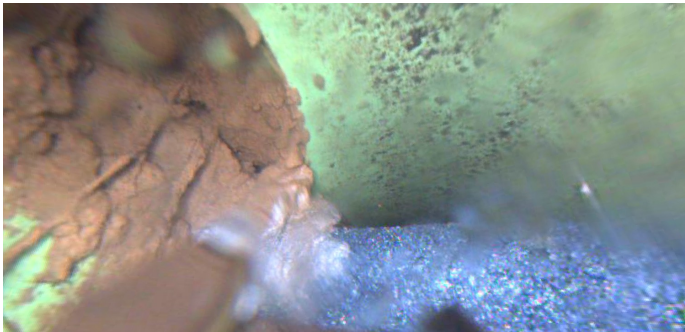
Code: **OBP**  
Description: **Obstacle External Pipe or Cable**



Distance (ft): **70.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **HVV**  
Description: **Hole Void Visible**

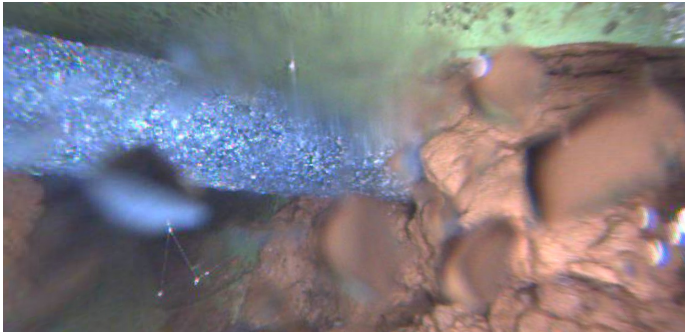


Distance (ft): **70.9**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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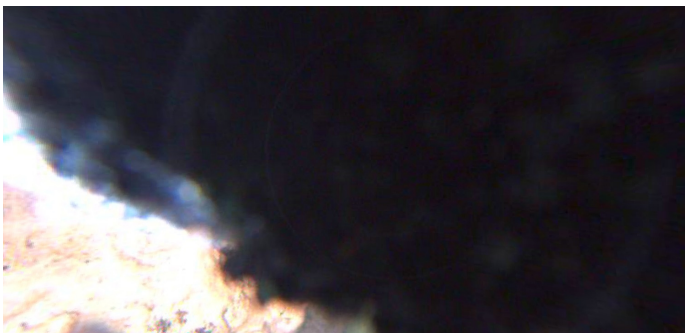
Code: **HSV**  
Description: **Hole Soil Visible**



Distance (ft): **70.9**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

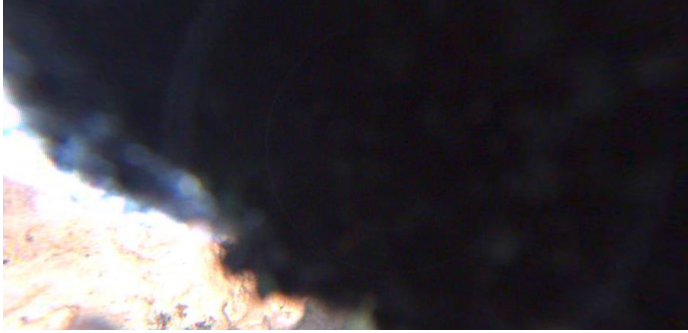
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Code: **MSA**  
Description: **Abandoned Survey**



Distance (ft): **71.3**  
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: **obp**

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|                     |                              |
|---------------------|------------------------------|
| Code:               | <b>DSF</b>                   |
| Description:        | <b>Deposits Settled Fine</b> |
| Distance (ft):      | <b>71.3</b>                  |
| Structural Grade:   | <b>0</b>                     |
| O&M Grade:          | <b>2</b>                     |
| Clock Start/From:   | <b>6</b>                     |
| Clock To:           |                              |
| 1st Value:          |                              |
| 2nd Value:          |                              |
| Value Percent:      | <b>5.000</b>                 |
| Continuous Index:   | <b>F01</b>                   |
| Within 8" of Joint: | <b>NO</b>                    |
| Remarks:            |                              |