

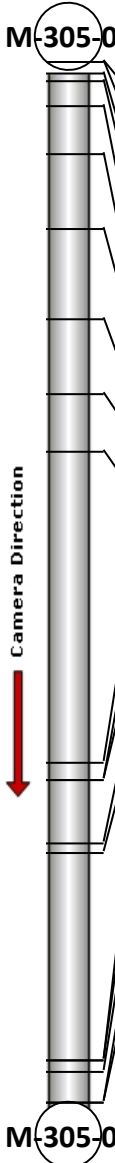
## Profile/Photo Observation Report



|                   |                   |             |                        |            |                        |
|-------------------|-------------------|-------------|------------------------|------------|------------------------|
| Date:             | <b>04/19/2018</b> | Weather:    |                        | Coding:    | <b>PACP 6.0</b>        |
| Pipe Length (ft): | <b>281.3</b>      | Owner:      | <b>NA</b>              | Pre Clean: | <b>No Pre-Cleaning</b> |
| P.O.#:            |                   | Surveyor:   | <b>Justin Gonzales</b> | PSR:       | <b>P-305-022-001</b>   |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>      | Shape:     | <b>C</b>               |

|                   |                             |                             |                       |
|-------------------|-----------------------------|-----------------------------|-----------------------|
| Street:           | <b>FOXCROFT STREET</b>      | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>           | Year Renewed:               |                       |
| Location:         | <b>Yard</b>                 | Tape/Media #:               |                       |
| Purpose:          | <b>Routine Assessment</b>   | Dia/Height:                 | <b>10"</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>R_M at 292 ft At O_C</b> |                             |                       |
| Location Details: |                             | Direction of Survey:        | <b>Upstream</b>       |
| US MH:            | <b>M-305-022</b>            | DS MH:                      | <b>M-305-001</b>      |
|                   |                             | Total Length Surveyed (ft): | <b>293.4</b>          |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>3.77</b> | O&M Quick:        | <b>4A31</b> | O&M Rating:        | <b>49.00</b> |
| Structural Index: | <b>3.00</b> | Structural Quick: | <b>3100</b> | Structural Rating: | <b>3.00</b>  |
| Overall Index:    | <b>3.71</b> | Overall Quick:    | <b>4A32</b> | Overall Rating:    | <b>52.00</b> |

|  | Position | Code     | Observation                         | Video (sec) | Grade |
|--|----------|----------|-------------------------------------|-------------|-------|
|  |          |          |                                     |             |       |
|  | .0       | AMH      | Manhole                             | 10          | NA    |
|  | .0       | MWL      | Water Level                         | 21          | NA    |
|  | 3.1      | MGO      | General Observation                 | 39          | NA    |
|  | 8.7      | MWL      | Water Level                         | 63          | NA    |
|  | 12.6     | MWLS     | Water Level Sag                     | 83          | S 3   |
|  | 25.8     | MCU(S01) | Camera Underwater                   | 120         | M 4   |
|  | 50.1     | TB       | Tap Break-in                        | 181         | NA    |
|  | 72.6     | MCU(F01) | Camera Underwater                   | 238         | M 4   |
|  | 96.7     | TF       | Tap Factory                         | 298         | NA    |
|  | 110.0    | TF       | Tap Factory                         | 337         | NA    |
|  | 197.8    | TF       | Tap Factory                         | 524         | NA    |
|  | 202.6    | TF       | Tap Factory                         | 546         | NA    |
|  | 202.6    | DAE      | Deposits Attached Encrustation      | 557         | M 2   |
|  | 220.1    | LFAC     | Lining Failure Abandoned Connection | 603         | NA    |
|  | 223.0    | LFAC     | Lining Failure Abandoned Connection | 621         | NA    |
|  | 281.5    | TF       | Tap Factory                         | 750         | NA    |
|  | 282.2    | MCU(S04) | Camera Underwater                   | 763         | M 4   |
|  | 284.5    | TF       | Tap Factory                         | 779         | NA    |
|  | 293.4    | AMH      | Manhole                             | 811         | NA    |
|  | 293.4    | MCU(F04) | Camera Underwater                   | 822         | M 4   |
|  |          |          |                                     |             |       |

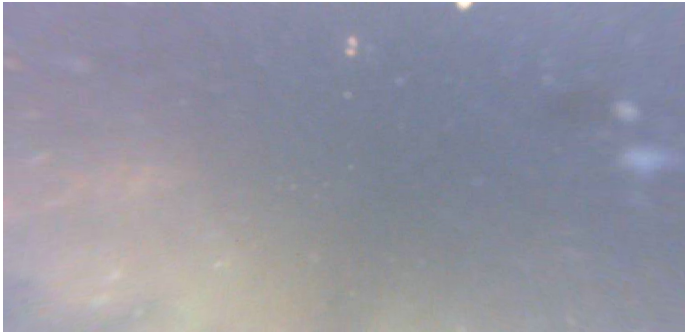
Code: **AMH**  
Description: **Manhole**



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-305-001**

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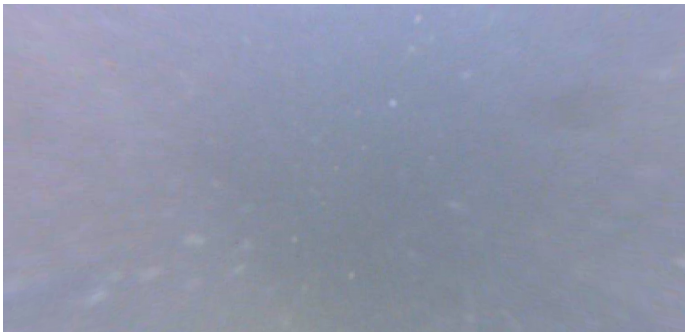
|              |                    |
|--------------|--------------------|
| Code:        | <b>MWL</b>         |
| Description: | <b>Water Level</b> |



|                     |                |
|---------------------|----------------|
| 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>100.000</b> |
| Continuous Index:   |                |
| Within 8" of Joint: | <b>NO</b>      |
| Remarks:            |                |

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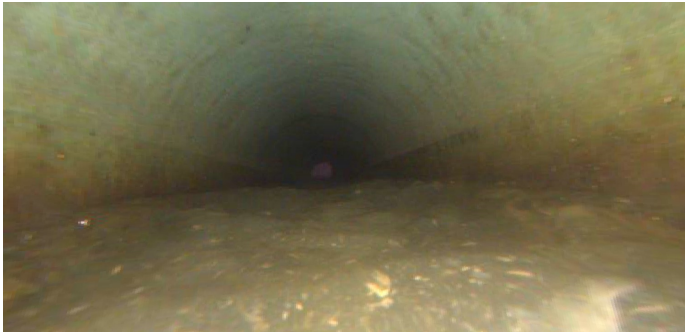
|              |                            |
|--------------|----------------------------|
| Code:        | <b>MGO</b>                 |
| Description: | <b>General Observation</b> |



|                     |                     |
|---------------------|---------------------|
| Distance (ft):      | <b>3.1</b>          |
| Structural Grade:   | <b>0</b>            |
| O&M Grade:          | <b>0</b>            |
| Clock Start/From:   |                     |
| Clock To:           |                     |
| 1st Value:          |                     |
| 2nd Value:          |                     |
| Value Percent:      |                     |
| Continuous Index:   |                     |
| Within 8" of Joint: | <b>NO</b>           |
| Remarks:            | <b>FLOW TO HIGH</b> |

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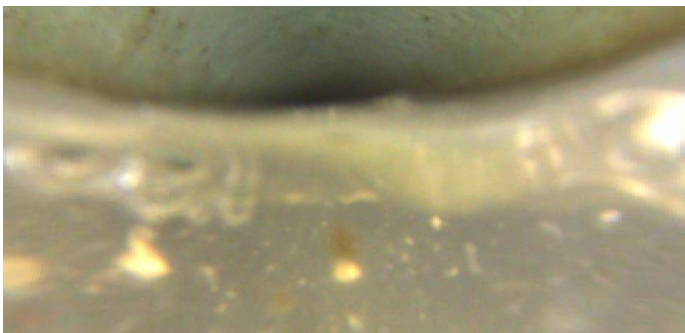
Code: **MWL**  
Description: **Water Level**



Distance (ft): **8.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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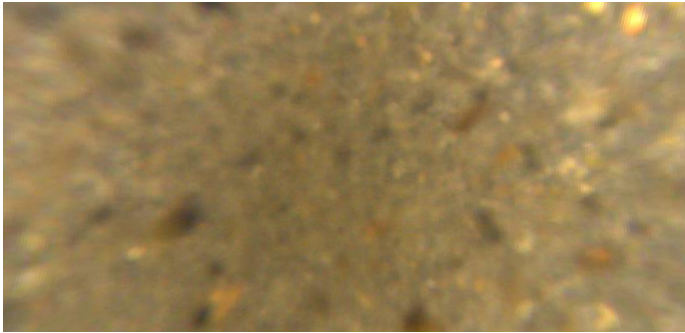
Code: **MWLS**  
Description: **Water Level Sag**



Distance (ft): **12.6**  
Structural Grade: **3**  
O&M Grade: **3**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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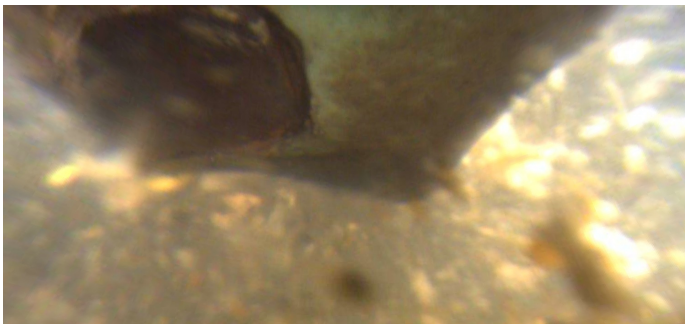
Code: **MCU**  
Description: **Camera Underwater**



Distance (ft): **25.8**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **TB**  
Description: **Tap Break-in**



Distance (ft): **50.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **MCU**  
Description: **Camera Underwater**



Distance (ft): **72.6**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks: **FLOW SUBSIDED**

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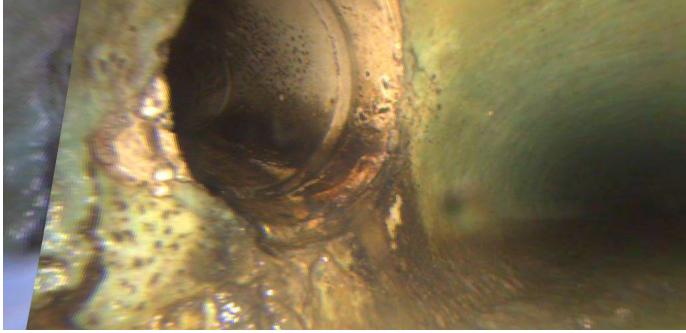
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **96.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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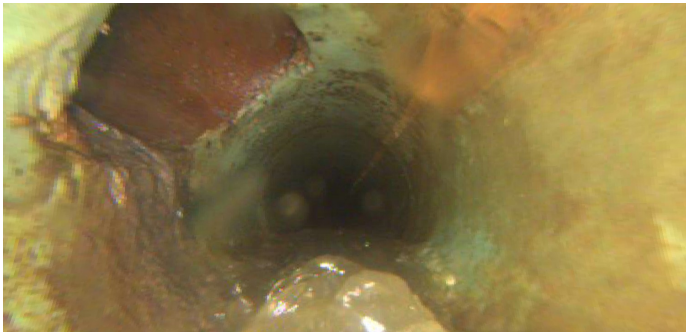
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **110.0**  
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): **197.8**  
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**



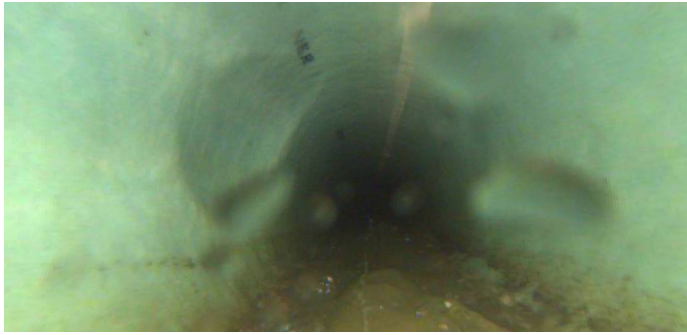
Distance (ft): **202.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **202.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



|                     |  |
|---------------------|--|
| Code:               | <b>LFAC</b>                                |
| Description:        | <b>Lining Failure Abandoned Connection</b> |
| Distance (ft):      | <b>220.1</b>                               |
| Structural Grade:   | <b>0</b>                                   |
| O&M Grade:          | <b>0</b>                                   |
| Clock Start/From:   | <b>2</b>                                   |
| Clock To:           |  |
| 1st Value:          |  |
| 2nd Value:          |  |
| Value Percent:      |  |
| Continuous Index:   |  |
| Within 8" of Joint: | <b>NO</b>                                  |
| Remarks:            |  |

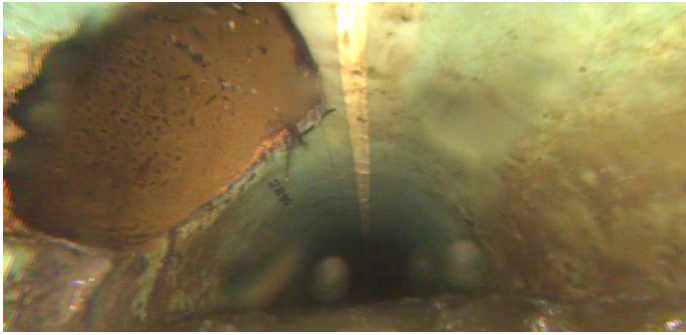
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|                     |  |
|---------------------|--|
| Code:               | <b>LFAC</b>                                |
| Description:        | <b>Lining Failure Abandoned Connection</b> |
| Distance (ft):      | <b>223.0</b>                               |
| Structural Grade:   | <b>0</b>                                   |
| O&M Grade:          | <b>0</b>                                   |
| Clock Start/From:   | <b>10</b>                                  |
| Clock To:           |  |
| 1st Value:          |  |
| 2nd Value:          |  |
| Value Percent:      |  |
| Continuous Index:   |  |
| Within 8" of Joint: | <b>NO</b>                                  |
| Remarks:            |  |

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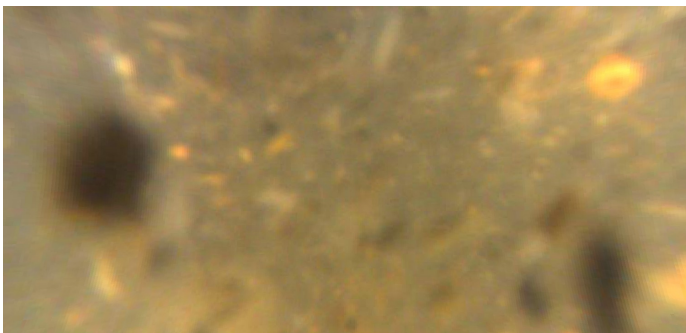
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **281.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

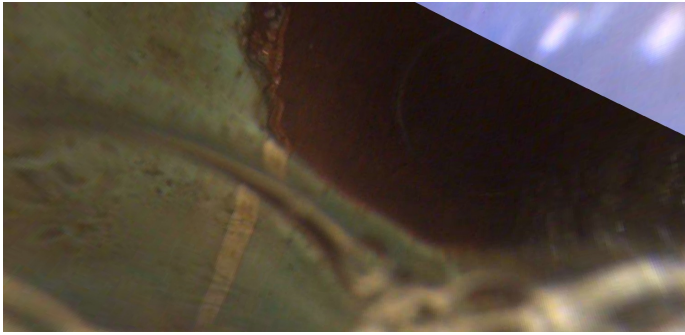
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Code: **MCU**  
Description: **Camera Underwater**



Distance (ft): **282.2**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

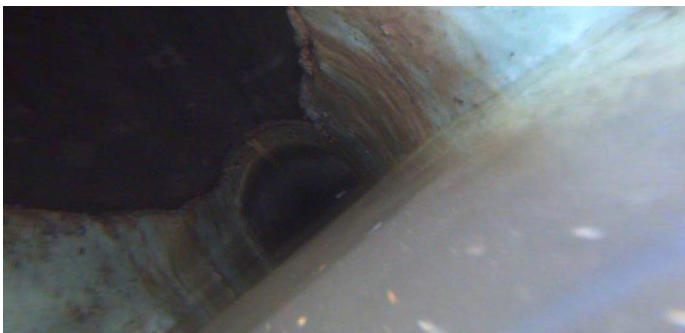
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **284.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **293.4**  
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-305-022**

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|                     |                   |
|---------------------|-------------------|
| Code:               | MCU               |
| Description:        | Camera Underwater |
| Distance (ft):      | 293.4             |
| Structural Grade:   | 0                 |
| O&M Grade:          | 4                 |
| Clock Start/From:   |                   |
| Clock To:           |                   |
| 1st Value:          |                   |
| 2nd Value:          |                   |
| Value Percent:      |                   |
| Continuous Index:   | F04               |
| Within 8" of Joint: | NO                |
| Remarks:            |                   |