


## Profile/Photo Observation Report



|                   |                   |             |                        |            |                        |
|-------------------|-------------------|-------------|------------------------|------------|------------------------|
| Date:             | <b>03/24/2018</b> | Weather:    |                        | Coding:    | <b>PACP 6.0</b>        |
| Pipe Length (ft): | <b>235.2</b>      | Owner:      | <b>NA</b>              | Pre Clean: | <b>No Pre-Cleaning</b> |
| P.O.#:            |                   | Surveyor:   | <b>Byrd Fitzgerald</b> | PSR:       | <b>P-108-032-031</b>   |
| Customer:         |                   | Clean Date: | <b>01/01/1900</b>      | Shape:     | <b>C</b>               |

|                   |  |                             |                       |
|-------------------|--|-----------------------------|-----------------------|
| Street:           | <b>ALLEY BETWEEN SWIFT ST &amp; MISSIS</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:          | <b>Flow direction wrong</b>                |                             |                       |
| Location Details: |  | Direction of Survey:        | <b>Downstream</b>     |
| US MH:            | <b>M-108-031</b>                           | DS MH:                      | <b>M-108-032</b>      |
|                   |  | Total Length Surveyed (ft): | <b>231.7</b>          |

|                   |             |                   |             |                    |              |
|-------------------|-------------|-------------------|-------------|--------------------|--------------|
| O&M Index:        | <b>1.90</b> | O&M Quick:        | <b>3127</b> | O&M Rating:        | <b>19.00</b> |
| Structural Index: | <b>0.00</b> | Structural Quick: | <b>0000</b> | Structural Rating: | <b>0.00</b>  |
| Overall Index:    | <b>1.90</b> | Overall Quick:    | <b>3127</b> | Overall Rating:    | <b>19.00</b> |

|  | Position | Code     | Observation             | Video (sec) | Grade |
|--|----------|----------|-------------------------|-------------|-------|
| <b>M-108-031</b>   |          |          |                         |             |       |
| <br>Camera Direction | .0       | AMH      | Manhole                 | 10          | NA    |
|  | .0       | MWL      | Water Level             | 21          | NA    |
|  | 18.5     | MMC      | Material Change         | 72          | NA    |
|  | 22.7     | MMC      | Material Change         | 94          | NA    |
|  | 25.4     | TF       | Tap Factory             | 113         | NA    |
|  | 25.7     | RFJ      | Roots Fine Joint        | 126         | M 1   |
|  | 27.1     | TF       | Tap Factory             | 141         | NA    |
|  | 46.6     | DSZ      | Deposits Settled Other  | 191         | M 2   |
|  | 70.5     | DSZ(S01) | Deposits Settled Other  | 250         | M 2   |
|  | 84.4     | TF       | Tap Factory             | 290         | NA    |
|  | 86.0     | DSZ(F01) | Deposits Settled Other  | 305         | M 2   |
|  | 90.9     | TF       | Tap Factory             | 326         | NA    |
|  | 122.1    | DAZ      | Deposits Attached Other | 401         | M 2   |
|  | 131.1    | MWL      | Water Level             | 432         | NA    |
|  | 140.9    | DAZ      | Deposits Attached Other | 464         | M 2   |
|  | 147.5    | TF       | Tap Factory             | 489         | NA    |
|  | 149.2    | TF       | Tap Factory             | 504         | NA    |
|  | 159.8    | IS       | Infil Stain             | 537         | NA    |
|  | 169.8    | IS(S02)  | Infil Stain             | 570         | NA    |
|  | 205.8    | TF       | Tap Factory             | 654         | NA    |
|  | 206.4    | RMJ      | Roots Medium Joint      | 667         | M 3   |
|  | 207.5    | TF       | Tap Factory             | 682         | NA    |
|  | 212.9    | RFJ      | Roots Fine Joint        | 704         | M 1   |
|  | 221.8    | RFB      | Roots Fine Barrel       | 733         | M 2   |
|  | 230.3    | IS(F02)  | Infil Stain             | 762         | NA    |
|  | 231.7    | AMH      | Manhole                 | 776         | NA    |
| <b>M-108-032</b>   |          |          |                         |             |       |

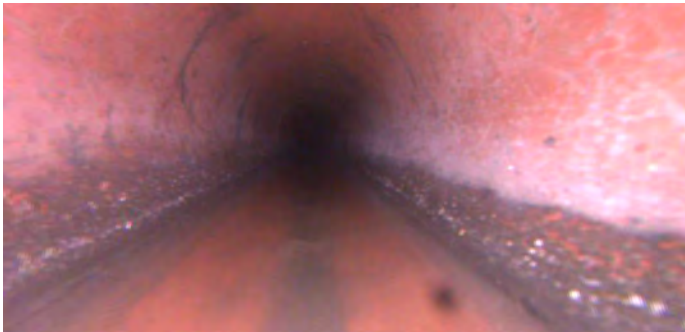
Code: **AMH**  
Description: **Manhole**



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-108-031**

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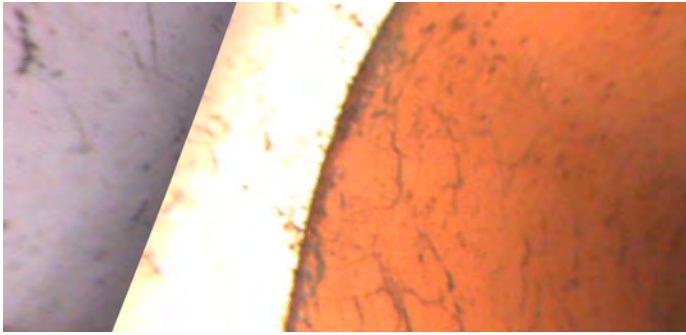
Code: **MWL**  
Description: **Water Level**



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

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Code: **MMC**  
Description: **Material Change**



Distance (ft): **18.5**  
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: **pvc**

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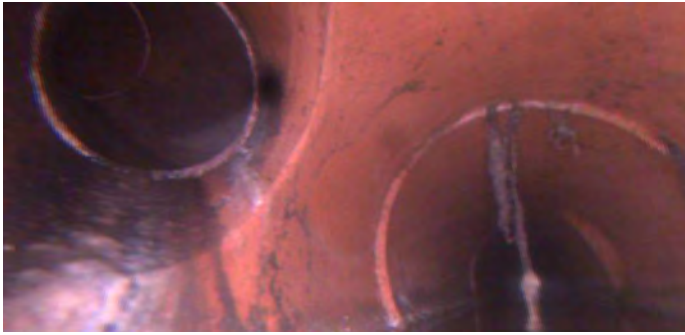
Code: **MMC**  
Description: **Material Change**



Distance (ft): **22.7**  
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: **vcp**

---

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



Distance (ft): **25.4**  
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: **YES**  
Remarks:

---

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



Distance (ft): **25.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **12**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **27.1**  
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: **YES**  
Remarks:

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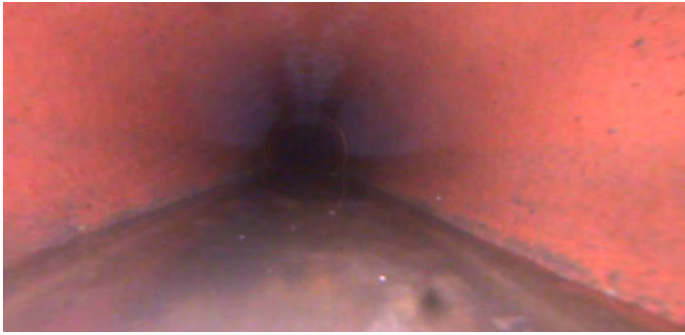
Code: **DSZ**  
Description: **Deposits Settled Other**



Distance (ft): **46.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **tissue**

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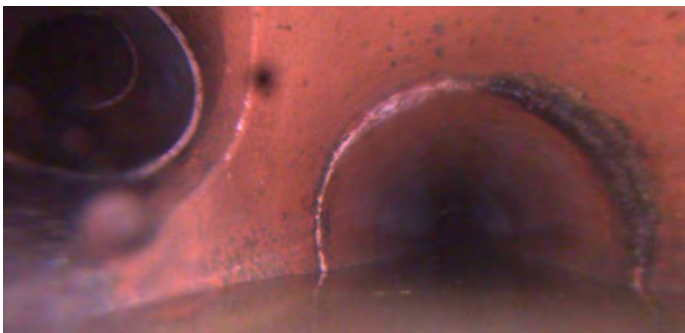
Code: **DSZ**  
Description: **Deposits Settled Other**



Distance (ft): **70.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks: **tissue**

---

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



Distance (ft): **84.4**  
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: **YES**  
Remarks:

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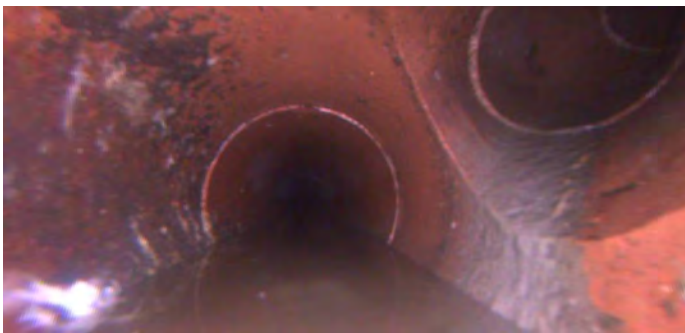
Code: **DSZ**  
Description: **Deposits Settled Other**



Distance (ft): **86.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks: **tissue**

---

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

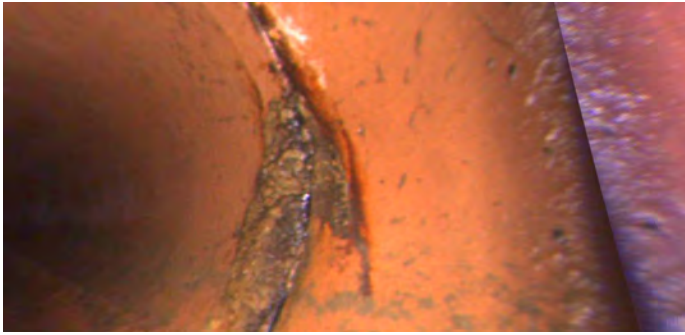


Distance (ft): **90.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



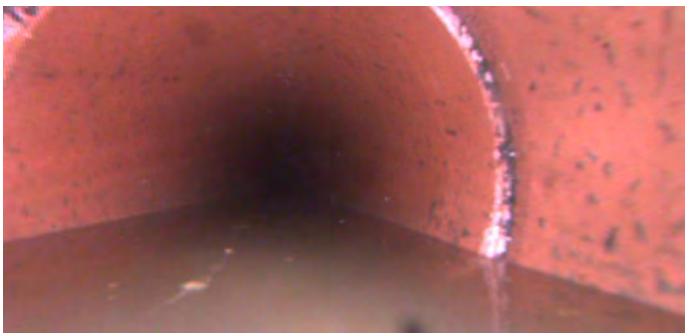
Code: **DAZ**  
Description: **Deposits Attached Other**



Distance (ft): **122.1**  
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: **YES**  
Remarks:

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



Distance (ft): **131.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **140.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
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): **147.5**  
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: **YES**  
Remarks:

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



Distance (ft): **149.2**  
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: **YES**  
Remarks:

---

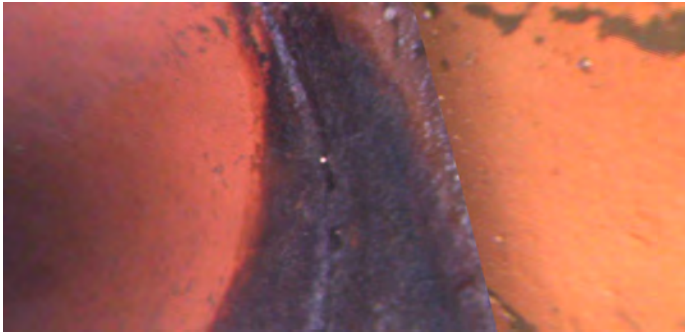
Code: **IS**  
Description: **Infil Stain**



Distance (ft): **159.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **IS**  
Description: **Infil Stain**



Distance (ft): **169.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks: **wandering**

---

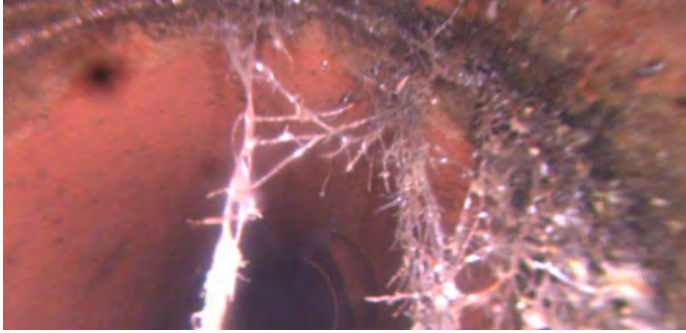
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **205.8**  
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: **YES**  
Remarks:

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



Distance (ft): **206.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

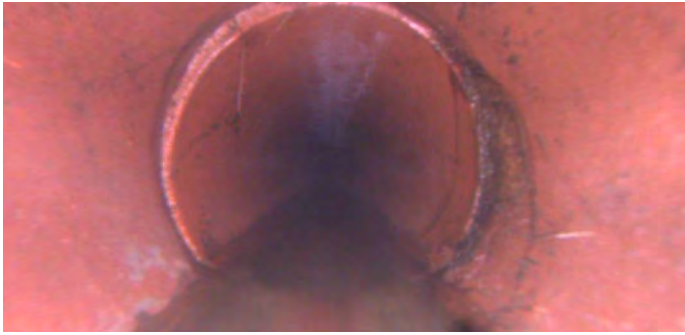
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **207.5**  
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: **YES**  
Remarks:

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



Distance (ft): **212.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **RFB**  
Description: **Roots Fine Barrel**

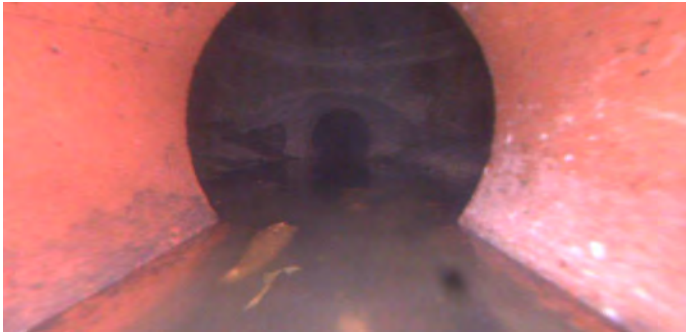


Distance (ft): **221.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **IS**  
Description: **Infil Stain**



Distance (ft): **230.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks: **wandering**

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



Distance (ft): **231.7**  
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-108-032**