

## Profile/Photo Observation Report



|                   |                   |             |                       |            |                        |
|-------------------|-------------------|-------------|-----------------------|------------|------------------------|
| Date:             | <b>04/12/2018</b> | Weather:    |                       | Coding:    | <b>PACP 4.2</b>        |
| Pipe Length (ft): | <b>143.3</b>      | Owner:      | <b>City of Hobart</b> | Pre Clean: | <b>No Pre-Cleaning</b> |
| P.O.#:            | <b>2004</b>       | Surveyor:   | <b>SAN</b>            | PSR:       | <b>P-902-032A-027</b>  |
| Customer:         | <b>Red Zone</b>   | Clean Date: |                       | Shape:     | <b>C</b>               |

|                   |   |                             |                       |
|-------------------|---|-----------------------------|-----------------------|
| Street:           | <b>3770 34th Ave</b>  | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart In</b>  | Year Renewed:               |                       |
| Location:         | <b>Light Highway</b>  | Tape/Media #:               | <b>Deliverable 1</b>  |
| Purpose:          | <b>Routine Assessment</b>   | Dia/Height:                 | <b>15"</b>            |
| Use:              | <b>Sanitary</b>   | Material:                   | <b>RCP</b>            |
| Drain Area:       | <b>Northeast</b>  | Lining:                     |                       |
| Category:         | <b>NA</b>   |                             |                       |
| Comment:          | <b>407-1/USMH was not shown on mapping. MH is located in the street at 3770 34th Ave. Configuration differs</b> |                             |                       |
| Location Details: | <b>Flows to easement</b>  | Direction of Survey:        | <b>Downstream</b>     |
| US MH:            | <b>M-902-032A</b>   | DS MH:                      | <b>M-902-027</b>      |
|                   |   | Total Length Surveyed (ft): | <b>143.3</b>          |

|                   |             |                   |             |                    |               |
|-------------------|-------------|-------------------|-------------|--------------------|---------------|
| O&M Index:        | <b>1.43</b> | O&M Quick:        | <b>361C</b> | O&M Rating:        | <b>40.00</b>  |
| Structural Index: | <b>3.00</b> | Structural Quick: | <b>3D00</b> | Structural Rating: | <b>84.00</b>  |
| Overall Index:    | <b>2.21</b> | Overall Quick:    | <b>3E1C</b> | Overall Rating:    | <b>124.00</b> |

|                   | Position | Code     | Observation               | Video (sec) | Grade |
|-------------------|----------|----------|---------------------------|-------------|-------|
| <b>M-902-032A</b> |          |          |                           |             |       |
|                   | .0       | AMH      | Manhole                   | 10          | NA    |
|                   | .0       | MWL      | Water Level               | 103         | NA    |
|                   | 1.0      | SAV(S01) | Surface Aggregate Visible | 124         | S 3   |
|                   | 1.0      | RMJ(S02) | Roots Medium Joint        | 204         | M 3   |
|                   | 31.9     | RMJ(F02) | Roots Medium Joint        | 271         | M 3   |
|                   | 34.6     | RFJ(S03) | Roots Fine Joint          | 315         | M 1   |
|                   | 61.4     | TB       | Tap Break-in              | 398         | NA    |
|                   | 143.3    | SAV(F01) | Surface Aggregate Visible | 603         | S 3   |
|                   | 143.3    | RFJ(F03) | Roots Fine Joint          | 616         | M 1   |
|                   | 143.3    | AMH      | Manhole                   | 671         | NA    |
|                   |          |          |                           |             |       |
| <b>M-902-027</b>  |          |          |                           |             |       |



|                     |                   |
|---------------------|-------------------|
| Code:               | <b>AMH</b>        |
| Description:        | <b>Manhole</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:      |                   |
| Continuous Index:   |                   |
| Within 8" of Joint: | <b>NO</b>         |
| Remarks:            | <b>M-902-032A</b> |



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: **15.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **SAV**  
 Description: **Surface Aggregate Visible**

Distance (ft): **1.0**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **NO**  
 Remarks:



|                     |                           |
|---------------------|---------------------------|
| Code:               | <b>RMJ</b>                |
| Description:        | <b>Roots Medium Joint</b> |
| Distance (ft):      | <b>1.0</b>                |
| Structural Grade:   | <b>0</b>                  |
| O&M Grade:          | <b>3</b>                  |
| Clock Start/From:   | <b>7</b>                  |
| Clock To:           | <b>5</b>                  |
| 1st Value:          |                           |
| 2nd Value:          |                           |
| Value Percent:      | <b>20.000</b>             |
| Continuous Index:   | <b>S02</b>                |
| Within 8" of Joint: | <b>YES</b>                |
| Remarks:            | <b>wanders</b>            |



|                     |                           |
|---------------------|---------------------------|
| Code:               | <b>RMJ</b>                |
| Description:        | <b>Roots Medium Joint</b> |
| Distance (ft):      | <b>31.9</b>               |
| Structural Grade:   | <b>0</b>                  |
| O&M Grade:          | <b>3</b>                  |
| Clock Start/From:   | <b>7</b>                  |
| Clock To:           | <b>5</b>                  |
| 1st Value:          |                           |
| 2nd Value:          |                           |
| Value Percent:      | <b>20.000</b>             |
| Continuous Index:   | <b>F02</b>                |
| Within 8" of Joint: | <b>YES</b>                |
| Remarks:            | <b>wanders</b>            |





|                     |                         |
|---------------------|-------------------------|
| Code:               | <b>RFJ</b>              |
| Description:        | <b>Roots Fine Joint</b> |
| Distance (ft):      | <b>34.6</b>             |
| Structural Grade:   | <b>0</b>                |
| O&M Grade:          | <b>1</b>                |
| Clock Start/From:   | <b>9</b>                |
| Clock To:           | <b>4</b>                |
| 1st Value:          |                         |
| 2nd Value:          |                         |
| Value Percent:      |                         |
| Continuous Index:   | <b>S03</b>              |
| Within 8" of Joint: | <b>YES</b>              |
| Remarks:            | <b>wanders</b>          |



|                     |                     |
|---------------------|---------------------|
| Code:               | <b>TB</b>           |
| Description:        | <b>Tap Break-in</b> |
| Distance (ft):      | <b>61.4</b>         |
| Structural Grade:   | <b>0</b>            |
| O&M Grade:          | <b>0</b>            |
| Clock Start/From:   | <b>12</b>           |
| Clock To:           |                     |
| 1st Value:          | <b>6.000</b>        |
| 2nd Value:          |                     |
| Value Percent:      |                     |
| Continuous Index:   |                     |
| Within 8" of Joint: | <b>NO</b>           |
| Remarks:            |                     |



Code: **SAV**  
 Description: **Surface Aggregate Visible**

Distance (ft): **143.3**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **143.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks: **wanders**



|                     |           |
|---------------------|-----------|
| Code:               | AMH       |
| Description:        | Manhole   |
| Distance (ft):      | 143.3     |
| 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:            | M-902-027 |