

## Profile/Photo Observation Report



|                   |                       |             |                       |            |                      |
|-------------------|-----------------------|-------------|-----------------------|------------|----------------------|
| Date:             | <b>04/11/2018</b>     | Weather:    |                       | Coding:    | <b>PACP 6.0</b>      |
| Pipe Length (ft): |                       | Owner:      | <b>City of Hobart</b> | Pre Clean: | <b>Not Known</b>     |
| P.O.#:            | <b>232</b>            | Surveyor:   | <b>B. Helbling</b>    | PSR:       | <b>P-208-029-020</b> |
| Customer:         | <b>City of Hobart</b> | Clean Date: |                       | Shape:     | <b>C</b>             |

|                   |                              |                             |                       |
|-------------------|------------------------------|-----------------------------|-----------------------|
| Street:           | <b>16th Street</b>           | Flow Control:               | <b>Not Controlled</b> |
| City:             | <b>Hobart, IN</b>            | Year Renewed:               |                       |
| Location:         | <b>Yard</b>                  | Tape/Media #:               | <b>DEP232</b>         |
| Purpose:          | <b>Routine Assessment</b>    | Dia/Height:                 | <b>21"</b>            |
| Use:              | <b>Sanitary</b>              | Material:                   | <b>VCP</b>            |
| Drain Area:       |                              | Lining:                     |                       |
| Category:         | <b>NA</b>                    |                             |                       |
| Comment:          | <b>YES501824 Submittal 2</b> |                             |                       |
| Location Details: |                              | Direction of Survey:        | <b>Downstream</b>     |
| US MH:            | <b>M-208-029</b>             | DS MH:                      | <b>M-208-020</b>      |
|                   |                              | Total Length Surveyed (ft): | <b>3.6</b>            |

|                   |             |                   |             |                    |             |
|-------------------|-------------|-------------------|-------------|--------------------|-------------|
| O&M Index:        | <b>3.00</b> | O&M Quick:        | <b>3200</b> | O&M Rating:        | <b>6.00</b> |
| Structural Index: | <b>3.00</b> | Structural Quick: | <b>3100</b> | Structural Rating: | <b>3.00</b> |
| Overall Index:    | <b>3.00</b> | Overall Quick:    | <b>3300</b> | Overall Rating:    | <b>9.00</b> |

The diagram illustrates a vertical manhole section. On the left, a vertical cylinder represents the manhole. A red arrow points downwards along the cylinder, labeled "Camera Direction". The top of the manhole is labeled "M-208-029" and the bottom is labeled "M-208-020". To the right of the manhole, a table lists observations recorded during the inspection.

| Position | Code | Observation           | Video (sec) | Grade |
|----------|------|-----------------------|-------------|-------|
| .0       | AMH  | Manhole               | 0           | NA    |
| .0       | MWL  | Water Level           | 13          | NA    |
| .0       | RMJ  | Roots Medium Joint    | 63          | M 3   |
| 3.2      | FL   | Fracture Longitudinal | 146         | S 3   |
| 3.6      | RMJ  | Roots Medium Joint    | 240         | M 3   |
| 3.6      | MSA  | Abandoned Survey      | 287         | NA    |

|                     |           |
|---------------------|-----------|
| 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-208-029 |



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: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **FL**  
Description: **Fracture Longitudinal**

Distance (ft): **3.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **3.6**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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|                     |                         |
|---------------------|-------------------------|
| Code:               | <b>MSA</b>              |
| Description:        | <b>Abandoned Survey</b> |
| Distance (ft):      | <b>3.6</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>Roots</b>            |