| Profile/Ph        | oto Observatior | Report        |                |            |                           | RedZon<br>R 0 B 0 T I C S |
|-------------------|-----------------|---------------|----------------|------------|---------------------------|---------------------------|
| Date:             | 04/19/2018      | Weather:      |                |            | Coding:                   | PACP 6.0                  |
| Pipe Length (ft)  | ): <b>337.3</b> | Owner:        | NA             |            | Pre Clean:                | Not Known                 |
| P.O.#:            |                 | Surveyor:     | Justin Gonz    | ales       | PSR:                      | P-805-048-049             |
| Customer:         |                 | Clean Date:   | 01/01/1900     |            | Shape:                    | С                         |
| Street:           | Georgianna St.  |               | Flow Control:  |            | Not Controlled            |                           |
| City:             | Hobart, IN      |               | Year Renewe    | d:         |                           |                           |
| Location:         | Other           |               | Tape/Media 4   | <b>#</b> : |                           |                           |
| Purpose:          | Not Known       |               | Dia/Height:    |            | 8"                        |                           |
| Use:              | Sanitary        |               | Material:      |            | VCP                       |                           |
| Drain Area:       | NA              |               | Lining:        |            |                           |                           |
| Category:         | NA              |               |                |            |                           |                           |
| Comment:          |                 |               |                |            |                           |                           |
| Location Detail   | s:              |               | Direction of S | urvey:     | Downstream                |                           |
| US MH:            | M-805-049       | DS MH:        | M-805-048      | т          | otal Length Surveyed (ft) | 337.9                     |
| 0&M Index:        | 2.00            | O&M Quick:    | 2              | 2C00       | O&M Rating:               | 40.00                     |
| structural Index: | 0.00            | Structural Qu | uick:          | 0000       | Structural Rating:        | 0.00                      |
| Overall Index:    | 2.00            | Overall Quic  |                | 200        | Overall Rating:           | 40.00                     |

|                  | Position    | Code      | Observation              | Video (sec) | Grade |
|------------------|-------------|-----------|--------------------------|-------------|-------|
| M-805            | 5-049       |           |                          |             |       |
|                  | .0          | AMH       | Manhole                  | 10          | NA    |
| - 11             | .0          | MWL       | Water Level              | 22          | NA    |
| - 11             | 90.0        | TF        | Tap Factory              | 213         | NA    |
| - 11             | 125.2       | TF        | Tap Factory              | 296         | NA    |
| - 11             | 155.6       | TF        | Tap Factory              | 368         | NA    |
| - 11             | /   159.0   | TF        | Tap Factory              | 387         | NA    |
| - 88             | -/ // 196.6 | DAGS(S01) | Deposits Attached Grease | 474         | M 2   |
| - 11             | 207.7       | TF        | Tap Factory              | 508         | NA    |
|                  | 225.9       | TF        | Tap Factory              | 556         | NA    |
| 5                | 246.1       | TF        | Tap Factory              | 609         | NA    |
| Camera Direction | 267.0       | TF        | Tap Factory              | 663         | NA    |
| Di               | 287.3       | TF        | Tap Factory              | 716         | NA    |
| nera             | 297.7       | DAGS(F01) | Deposits Attached Grease | 748         | M 2   |
| Car              | 337.9       | AMH       | Manhole                  | 840         | NA    |
|                  |             |           |                          |             |       |



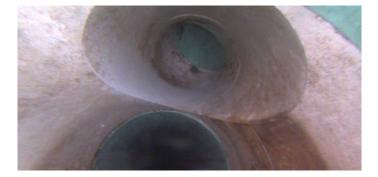
| Code:<br>Description: | AMH<br>Manhole |
|-----------------------|----------------|
| Distance (ft):        | .0             |
| Structural Grade:     | 0              |
| O&M Grade:            | 0              |
| Clock Start/From:     |                |
| Clock To:             |                |
| 1st Value:            |                |
| 2nd Value:            |                |
| Value Percent:        |                |
| Continuous Index:     |                |
| Within 8" of Joint:   | NO             |
| Remarks:              | M-805-049      |

M(805)048



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:      | 10.000 |
| Continuous Index:   |        |
| Within 8" of Joint: | NO     |
| Remarks:            |        |
|                     |        |



| Code:<br>Description: | TF<br>Tap Factory |
|-----------------------|-------------------|
| Distance (ft):        | 90.0              |
| Structural Grade:     | 0                 |
| O&M Grade:            | 0                 |
| Clock Start/From:     | 12                |
| Clock To:             |                   |
| 1st Value:            | 4.000             |
| 2nd Value:            |                   |
| Value Percent:        |                   |
| Continuous Index:     |                   |
| Within 8" of Joint:   |                   |
| Remarks:              |                   |



| Code:               | TF          |
|---------------------|-------------|
| Description:        | Tap Factory |
|                     |             |
| Distance (ft):      | 125.2       |
| Structural Grade:   | 0           |
| 0&M Grade:          | 0           |
|                     | 12          |
| Clock Start/From:   | 12          |
| Clock To:           |             |
| 1st Value:          | 4.000       |
| 2nd Value:          |             |
| Value Percent:      |             |
| Continuous Index:   |             |
| Within 8" of Joint: |             |
| Remarks:            |             |

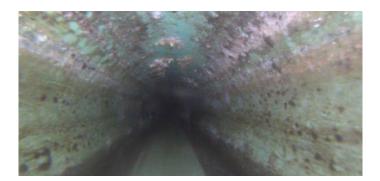


| Code:   | TF          |
|---|-------------|
| Description:  | Tap Factory |
| Distance (ft):  | 155.6       |
| Structural Grade:   | 0           |
| O&M Grade:  | 0           |
| Clock Start/From:   | 11          |
| Clock To:<br>1st Value:<br>2nd Value:<br>Value Percent:<br>Continuous Index:<br>Within 8" of Joint:<br>Remarks: | 4.000       |



| Code:        | TF          |
|--------------|-------------|
| Description: | Tap Factory |

| Distance (ft):      | 159.0 |
|---------------------|-------|
| 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:            |       |
|                     |       |



| Code:        | DAGS                     |
|--------------|--------------------------|
| Description: | Deposits Attached Grease |
|              |                          |

| Distance (ft):      | 196.6 |
|---------------------|-------|
| Structural Grade:   | 0     |
| O&M Grade:          | 2     |
| Clock Start/From:   | 8     |
| Clock To:           | 4     |
| 1st Value:          |       |
| 2nd Value:          |       |
| Value Percent:      | 5.000 |
| Continuous Index:   | S01   |
| Within 8" of Joint: | NO    |
| Remarks:            |       |



| Code:        | TF          |
|--------------|-------------|
| Description: | Tap Factory |

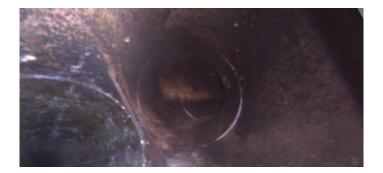
| Distance (ft):      | 207.7 |
|---------------------|-------|
| Structural Grade:   | 0     |
| O&M Grade:          | 0     |
| Clock Start/From:   | 2     |
| Clock To:           |       |
| 1st Value:          | 4.000 |
| 2nd Value:          |       |
| Value Percent:      |       |
| Continuous Index:   |       |
| Within 8" of Joint: |       |
| Remarks:            |       |



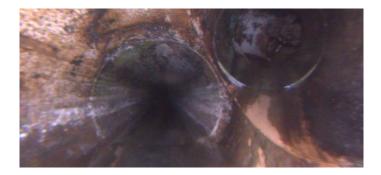
| Code:<br>Description:   | TF<br>Tap Factory             |
|---|-------------------------------|
| Distance (ft):<br>Structural Grade:<br>O&M Grade:<br>Clock Start/From:<br>Clock To:<br>1st Value:<br>2nd Value:<br>Value Percent:<br>Continuous Index:<br>Within 8" of Joint: | 225.9<br>0<br>0<br>2<br>4.000 |
| Remarks:  |                               |



| Code:               | TF          |
|---------------------|-------------|
| Description:        | Tap Factory |
|                     |             |
|                     |             |
| Distance (ft):      | 246.1       |
| 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:            |             |



| Code:<br>Description: | TF<br>Tap Factory |
|-----------------------|-------------------|
| Distance (ft):        | 267.0             |
| 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:              |                   |



| Code:        | TF          |
|--------------|-------------|
| Description: | Tap Factory |

| Distance (ft):      | 287.3 |
|---------------------|-------|
| 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:            |       |
|                     |       |



| Code:        | DAGS                     |
|--------------|--------------------------|
| Description: | Deposits Attached Grease |
|              |                          |

| Distance (ft):      | 297.7 |
|---------------------|-------|
| Structural Grade:   | 0     |
| O&M Grade:          | 2     |
| Clock Start/From:   | 8     |
| Clock To:           | 4     |
| 1st Value:          |       |
| 2nd Value:          |       |
| Value Percent:      | 5.000 |
| Continuous Index:   | F01   |
| Within 8" of Joint: | NO    |
| Remarks:            |       |



Code:AMHDescription:Manhole

| Distance (ft):      | 337.9     |
|---------------------|-----------|
| 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-805-048 |
|                     |           |