| Profile/Ph | oto Observatio | n Report | | | | RedZone |
|-------------------|-------------------|--------------|----------------|---------|--------------------------|---------------|
| Date: | 03/31/2018 | Weather: | | | Coding: | PACP 6.0 |
| Pipe Length (ft) |): 230.3 | Owner: | NA | | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Jen Costello |) | PSR: | P-708-017-018 |
| Customer: | | Clean Date | : 01/01/1900 |) | Shape: | С |
| Street: | Hidden Oak | | Flow Control | : | Not Controlled | |
| City: | Hobart, IN | | Year Renewe | d: | | |
| Location: | Sidewalk | | Tape/Media | #: | | |
| Purpose: | Maintenance Rela | ated | Dia/Height: | | 8" | |
| Use: | Sanitary | | Material: | | PVC | |
| Drain Area: | NA | | Lining: | | | |
| Category: | NA | | | | | |
| Comment: | Flow direction wr | ong. | | | | |
| Location Detail | s: | | Direction of S | Survey: | Upstream | |
| US MH: | M-708-018 | DS MH: | M-708-017 | То | tal Length Surveyed (ft) | 209.0 |
| 0&M Index: | 2.00 | O&M Quick | : | 2600 | O&M Rating: | 12.00 |
| Structural Index: | 0.00 | Structural C | luick: | 0000 | Structural Rating: | 0.00 |
| Overall Index: | 2.00 | Overall Quid | ck: | 2600 | Overall Rating: | 12.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|------------------|----------|----------|--------------------------------|-------------|-------|
| M(708-)0 | 17 | | | | |
| | .0 | AMH | Manhole | 10 | NA |
| Ň | .0 | MWL | Water Level | 22 | NA |
| | 0. | DSF(S01) | Deposits Settled Fine | 33 | M 2 |
| | 17.3 | TFA | Tap Factory Active | 80 | NA |
| | 19.5 | TFA | Tap Factory Active | 99 | NA |
| | 22.0 | DSF(F01) | Deposits Settled Fine | 117 | M 2 |
| | 117.5 | TF | Tap Factory | 321 | NA |
| | 119.1 | TF | Tap Factory | 338 | NA |
| | 206.0 | MWL | Water Level | 525 | NA |
| 5 | 206.0 | DAE | Deposits Attached Encrustation | 536 | M 2 |
| ecti | 206.0 | IW | Infil Weeper | 547 | M 2 |
| ā | 209.0 | MSA | Abandoned Survey | 564 | NA |
| Camera Direction | | | | | |
| M(708)0 | 18 | | | | |



| AMH Manhole |
|----------------|
| .0 |
| 0 |
| 0 |
| |
| |
| |
| |
| |
| |
| NO |
| M-708-017 |
| |



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: | |
| | |



| Code: | DSF |
|--------------|------------------------------|
| Description: | Deposits Settled Fine |

| Distance (ft): | .0 |
|---------------------|-------|
| 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: | |



Code:TFADescription:Tap Factory Active

| Distance (ft): | 17.3 |
|---------------------|-------|
| 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: | |

Code:

Description:



| Distance (ft): | 19.5 |
|---------------------|-------|
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 9 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |

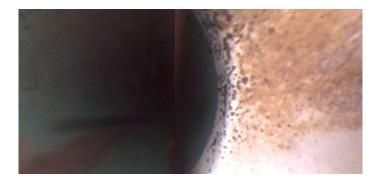
TFA

Tap Factory Active

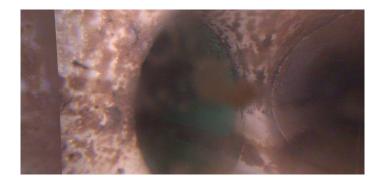


Code:DSFDescription:Deposits Settled Fine

| Distance (ft): | 22.0 |
|---------------------|-------|
| 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: | |



| Code: Description: | TF Tap Factory |
|-----------------------|-------------------|
| Distance (ft): | 117.5 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 9 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |
| | |



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

| Distance (ft): | 119.1 |
|---------------------|-------|
| 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: | |
| | |



| Code: | MWL | |
|-------------------|-------------|--|
| Description: | Water Level | |
| | | |
| | | |
| Distance (ft): | 206.0 | |
| Structural Grade: | 0 | |
| O&M Grade: | 0 | |

| Structural Grade: | 0 |
|---------------------|--------|
| O&M Grade: | 0 |
| Clock Start/From: | |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 30.000 |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |



Code:DAEDescription:Deposits Attached Encrustation

| Distance (ft): | 206.0 |
|---------------------|-------|
| 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: | |

| | | 1 1 1 1 |
|----|--|----------|
| | | 11-1-27 |
| | | |
| 6 | | |
| .0 | | |
| | | |
| | | Carlos a |

| Code: | IW |
|-------------------|--------------|
| Description: | Infil Weeper |
| | |
| Distance (ft): | 206.0 |
| (<i>)</i> | 200.0 |
| Structural Grade: | 0 |
| O&M Grade: | 2 |
| Clock Start/From: | 8 |
| Clock To: | 4 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |

YES

Continuous Index: Within 8" of Joint:

Remarks:



Code: Description: MSA Abandoned Survey

| Distance (ft): | 209.0 |
|---------------------|-------|
| 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: | DEBRI |
| | |

NO DEBRIS UNDER WATER