| Profile/Ph | noto Observation | n Report | | | | RedZor |
|---------------------------------------|------------------|---------------|--------------|----------------|---------------------------|---------------|
| Date: | 04/19/2018 | Weather: | | | Coding: | PACP 6.0 |
| Pipe Length (ft | t): 133.6 | Owner: | NA | | Pre Clean: | Not Known |
| P.O.#: | | Surveyor: | Byrd Fitzge | erald | PSR: | P-504-051-050 |
| Customer: | | Clean Date: | 01/01/190 | 0 | Shape: | с |
| Street: N COLORADO ST & N CAVENDER ST | | T Flow Contro | l: | Not Controlled | | |
| City: | Hobart, IN | | Year Renew | ed: | | |
| Location: | Light Highway | | Tape/Media | #: | | |
| Purpose: | Not Known | | Dia/Height: | | 10" | |
| Use: | Sanitary | | Material: | | VCP | |
| Drain Area: | NA | | Lining: | | | |
| Category: | NA | | | | | |
| Comment: | | | | | | |
| Location Detai | ils: | | Direction of | Survey: | Upstream | |
| US MH: | M-504-050 | DS MH: | M-504-051 | Тс | otal Length Surveyed (ft) | 72.6 |
| D&M Index: | 1.13 | O&M Quick: | | 311A | O&M Rating: | 17.00 |
| Structural Index | . 0.00 | Structural Q | | 0000 | Structural Rating: | 0.00 |
| Overall Index: | 1.13 | Overall Quic | ·k· | 311A | Overall Rating: | 17.00 |

| | Position | Code | Observation | Video (sec) | Grade |
|--------|----------|----------|--------------------|-------------|-------|
| A-504- | 051 | | | | |
| | .0 | AMH | Manhole | 10 | NA |
| | √\.0 | MWL | Water Level | 21 | NA |
| | 3.7 | RFJ(SO1) | Roots Fine Joint | 40 | M 1 |
| | 17.7 | TFC | Tap Factory Capped | 82 | NA |
| | /42.7 | TFC | Tap Factory Capped | 146 | NA |
| | 65.0 | TFC | Tap Factory Capped | 204 | NA |
| | 67.5 | TFC | Tap Factory Capped | 223 | NA |
| | 67.5 | RMJ | Roots Medium Joint | 236 | M 3 |
| | 69.3 | ТВ | Tap Break-in | 252 | NA |
| | 72.6 | MSA | Abandoned Survey | 272 | NA |
| | 72.6 | RFJ(F01) | Roots Fine Joint | 283 | M 1 |
| | | | | | |
| , | | | | | |



| Code: Description: | AMH 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-504-050 |
| | |



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: | RFJ |
|---|--|
| Description: | Roots Fine Joint |
| Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks: | 3.7 0 1 7 5 S01 YES wandering |



Code:TFCDescription:Tap Factory Capped

| Distance (ft): | 17.7 |
|---------------------|-------|
| 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: | |

Remarks:



| Code: | TFC |
|---------------------|--------------------|
| Description: | Tap Factory Capped |
| | |
| Distance (ft): | 42.7 |
| 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 |



Code: TFC **Tap Factory Capped** Description:

| Distance (ft): | 65.0 |
|---------------------|------|
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 2 |
| Clock To: | |
| 1st Value: | 4.00 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |

00

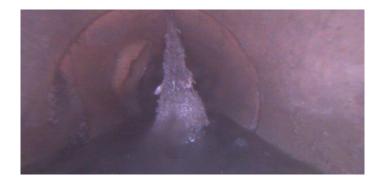


| Code: | TFC |
|-------------------|--------------------|
| Description: | Tap Factory Capped |
| | |
| Distance (ft): | (7 F |
| Distance (ft): | 67.5 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 11 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |

YES

Within 8" of Joint:

Remarks:



Code:RMJDescription:Roots Medium Joint

| Distance (ft): | 67.5 |
|---------------------|--------|
| Structural Grade: | 0 |
| O&M Grade: | 3 |
| Clock Start/From: | 12 |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 10.000 |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |



| Code: Description: | TB Tap Break-in |
|-----------------------|--------------------|
| Distance (ft): | 69.3 |
| 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:MSADescription:Abandoned Survey

| Distance (ft): | 72.6 |
|---------------------|---------------|
| 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: | stuck on wall |

Code: Description: RFJ Roots Fine Joint



| Distance (ft): | 72.6 |
|---------------------|-----------|
| Structural Grade: | 0 |
| O&M Grade: | 1 |
| Clock Start/From: | 7 |
| Clock To: | 5 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | F01 |
| Within 8" of Joint: | YES |
| Remarks: | wandering |