| Profile/Ph | oto Observatio | n Report | | | | RedZone |
|-------------------|-------------------|----------------|-------------------------|------------|---------------------------|-----------------|
| Date: | 04/18/2018 | Weather: | | | Coding: | PACP 6.0 |
| Pipe Length (ft |): 156.4 | Owner: | NA | | Pre Clean: | No Pre-Cleaning |
| P.O.#: | | Surveyor: | Byrd Fitz | gerald | PSR: | P-305-020-011 |
| Customer: | | Clean Dat | e: 01/01/1 | 900 | Shape: | С |
| Street: | ALLEY BETWEEN I | N LIVERPOOL RI | D& Flow Cont | rol: | Not Controlled | |
| City: | Hobart, IN | | Year Rene | wed: | | |
| Location: | Yard | | Tape/Med | ia #: | | |
| Purpose: | Routine Assessme | ent | Dia/Heigh | t: | 10" | |
| Use: | Sanitary | | Material: | | XXX | |
| Drain Area: | NA | | Lining: | | Cured in Place | |
| Category: | NA | | | | | |
| Comment: | Flow direction wr | ong | | | | |
| Location Detai | ls: | | Direction | of Survey: | Downstream | |
| US MH: | M-305-020 | DS MH: | M-305-011 | Tc | otal Length Surveyed (ft) | : 155.8 |
| D&M Index: | 0.00 | O&M Quic | k: | 0000 | O&M Rating: | 0.00 |
| Structural Index: | 0.00 | Structural | Quick: | 0000 | Structural Rating: | 0.00 |
| Overall Index: | 0.00 | Overall Qu | ick: | 0000 | Overall Rating: | 0.00 |

| 0 AMH Manhole 10 0 MWL Water Level 21 43.8 TB Tap Break-in 121 45.6 TB Tap Break-in 137 104.2 TB Tap Break-in 268 112.5 TBA Tap Break-in Active 298 113.9 LFAC Lining Failure Abandoned Connection 313 155.8 AMH Manhole 409 | | Position | Code | Observation | Video (sec) | Grade |
|--|--------------|----------|------|-------------------------------------|-------------|-------|
| .0AMHManhole10.0MWLWater Level2143.8TBTap Break-in12145.6TBTap Break-in137104.2TBTap Break-in268112.5TBATap Break-in Active298113.9LFACLining Failure Abandoned Connection313155.8AMHManhole409 | 305-0 | 020 | | | | |
| 43.8TBTap Break-in12145.6TBTap Break-in137104.2TBTap Break-in268112.5TBATap Break-in Active298113.9LFACLining Failure Abandoned Connection313155.8AMHManhole409 | \checkmark | | AMH | Manhole | 10 | NA |
| 45.6TBTap Break-in137104.2TBTap Break-in268112.5TBATap Break-in Active298113.9LFACLining Failure Abandoned Connection313155.8AMHManhole409 | | .0 | MWL | Water Level | 21 | NA |
| 104.2TBTap Break-in268112.5TBATap Break-in Active298113.9LFACLining Failure Abandoned Connection313155.8AMHManhole409 | | 43.8 | ТВ | Tap Break-in | 121 | NA |
| 112.5TBATap Break-in Active298113.9LFACLining Failure Abandoned Connection313155.8AMHManhole409 | | 45.6 | ТВ | Tap Break-in | 137 | NA |
| 113.9 LFAC Lining Failure Abandoned Connection 313 155.8 AMH Manhole 409 | | 104.2 | ТВ | Tap Break-in | 268 | NA |
| 155.8 AMH Manhole 409 | | // 112.5 | ТВА | Tap Break-in Active | 298 | NA |
| | | 113.9 | LFAC | Lining Failure Abandoned Connection | 313 | NA |
| | | 155.8 | AMH | Manhole | 409 | NA |
| | | | | | | |
| | | | | | | |



| 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-305-020 |



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: | 20.000 |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |
| | |

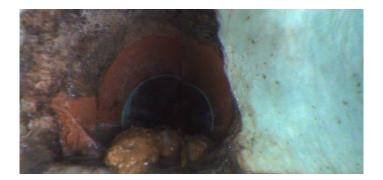


| Code: Description: | TB Tap Break-in |
|-----------------------|--------------------|
| Distance (ft): | 43.8 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 10 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |

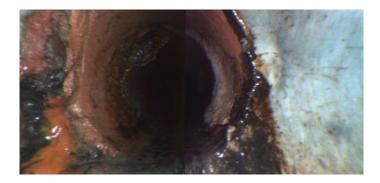


| Code: | тв |
|--------------|--------------|
| Description: | Tap Break-in |

| Distance (ft): | 45.6 |
|---------------------|-------|
| 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: | TB Tap Break-in |
|---|-------------------------------|
| 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: | 104.2 0 0 3 4.000 |
| Nethalks. | |



Code:TBADescription:Tap Break-in Active

| 2.5 |
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| Code: Description: | LFAC Lining Failure Abandoned Connection |
|-----------------------|--|
| Distance (ft): | 113.9 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 3 |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | |
| | |



Code:AMHDescription:Manhole

| Distance (ft): | 155.8 |
|---------------------|-----------|
| 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-305-011 |