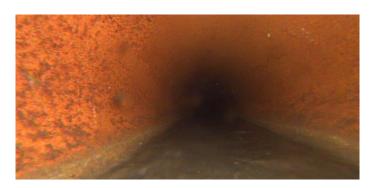
| Date: | 04/15/2018 | Weather: | | Coding: | PACP 6.0 |
|---------------------------|------------------|---------------|-------------------|--------------------------|------------------|
| Pipe Length (ft | | Owner: | NA | Pre Clean: | Not Known |
| Pipe Length (it P.O.#: | .). 290.3 | Surveyor: | Selasie Honu | PSR: | P-707-040-075 |
| Customer: | | Clean Date: | | Shape: | C |
| Street: | Capitol | | Flow Control: | Not Controlle | d |
| City: | Hobart, IN | | Year Renewed: | | |
| Location: | Light Highway | | Tape/Media #: | | |
| Purpose: | Maintenance Rela | ted | Dia/Height: | 12" | |
| Use: | Sanitary | | Material: | VCP | |
| Drain Area: | NA | | Lining: | Cured in Place | 2 |
| Category: | NA | | | | |
| Comment: | 2nd attempt. | | | | |
| Location Detai | ls: | | Direction of Surv | vey: Downstream | |
| US MH: | M-707-040 | DS MH: | M-707-075 | Total Length Surveyed (f | t): 292.1 |
| D&M Index: | 1.80 | O&M Quick: | 312 | 2 O&M Rating: | 9.00 |
| Structural Index | 0.00 | Structural Qu | uick: 000 | | 0.00 |
| Overall Index: | 1.80 | Overall Quick | c 312 | 2 Overall Rating: | 9.00 |

| | Code | Observation | Video (sec) | Grade |
|--------------|---|--|---|--|
| 040 | | | | |
| 0. | AMH | Manhole | 10 | NA |
| .0 | MWL | Water Level | 21 | NA |
| 35.9 | TF | Tap Factory | 104 | NA |
| 39.1 | TFA | Tap Factory Active | 124 | NA |
| 58.4 | TF | Tap Factory | 176 | NA |
| 77.9 | TBI | Tap Break-in Intruding | 226 | M 2 |
| 90.8 | RFJ | Roots Fine Joint | 264 | M 1 |
| 99.3 | TBI | Tap Break-in Intruding | 292 | M 2 |
| 176.6 | RMJ | Roots Medium Joint | 459 | M 3 |
| 178.2 | TFA | Tap Factory Active | 474 | NA |
| 179.1 | RFJ | Roots Fine Joint | 487 | M 1 |
| 187.1 | TFA | Tap Factory Active | 516 | NA |
| /213.6 | TFA | Tap Factory Active | 584 | NA |
| 232.6 | TF | Tap Factory | 636 | NA |
| ///234.3 | TF | Tap Factory | 653 | NA |
| ////260.5 | TFA | Tap Factory Active | 721 | NA |
| 274.9 | TFA | Tap Factory Active | 765 | NA |
| ////292.1 | AMH | Manhole | 813 | NA |
| | | | | |
| [•] | | | | |
| | | | | |
| ' | | | | |
| <u>! </u> | | | | |
| | .0 .0 .0 35.9 39.1 58.4 77.9 90.8 99.3 176.6 178.2 179.1 187.1 213.6 232.6 234.3 260.5 274.9 | .0 AMH .0 MWL 35.9 TF 39.1 TFA 58.4 TF 77.9 TBI 90.8 RFJ 99.3 TBI 176.6 RMJ 178.2 TFA 179.1 RFJ 187.1 TFA 213.6 TFA 234.3 TF 260.5 TFA 274.9 TFA | .0AMHManhole.0MWLWater Level35.9TFTap Factory39.1TFATap Factory Active58.4TFTap Factory77.9TBITap Break-in Intruding90.8RFJRoots Fine Joint99.3TBITap Break-in Intruding176.6RMJRoots Medium Joint178.2TFATap Factory Active179.1RFJRoots Fine Joint187.1TFATap Factory Active232.6TFTap Factory234.3TFTap Factory Active274.9TFATap Factory Active | .0AMHManhole10.0MWLWater Level2135.9TFTap Factory10439.1TFATap Factory Active12458.4TFTap Factory17677.9TBITap Break-in Intruding22690.8RFJRoots Fine Joint26499.3TBITap Break-in Intruding292176.6RMJRoots Medium Joint459178.2TFATap Factory Active474179.1RFJRoots Fine Joint487187.1TFATap Factory Active516213.6TFATap Factory Active584232.6TFTap Factory633260.5TFATap Factory Active721274.9TFATap Factory Active765 |



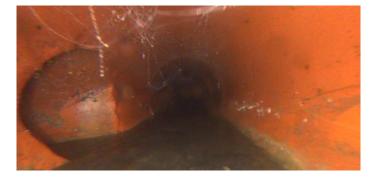
| Code: Description: | AMH Manhole |
|-----------------------|----------------|
| Distance (ft): | .0 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | |
| Clock To: | |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | NO |
| Remarks: | M-707-040 |

M(707)075



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: | |
| | |

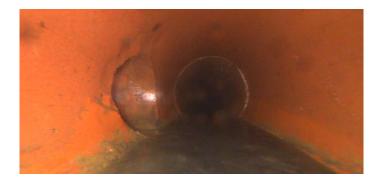


| Code: Description: | TF Tap Factory |
|-----------------------|-------------------|
| Distance (ft): | 35.9 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 9 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |

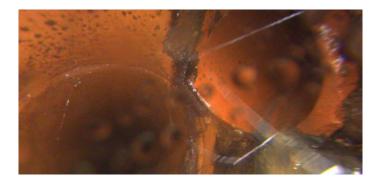


Code:TFADescription:Tap Factory Active

| Distance (ft): | 39.1 |
|---------------------|-------|
| 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: | |

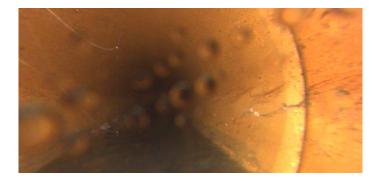


| Code: Description: | TF Tap Factory |
|-----------------------|-------------------|
| Distance (ft): | 58.4 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 9 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |



Code:TBIDescription:Tap Break-in Intruding

| Distance (ft): | 77.9 |
|---------------------|-------|
| Structural Grade: | 0 |
| O&M Grade: | 2 |
| Clock Start/From: | 2 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | 1.000 |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |
| | |



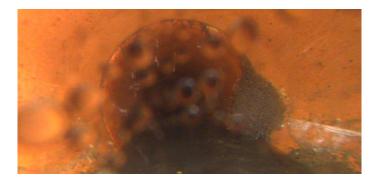
| Code: | RFJ |
|---------------|-------------------------|
| Description: | Roots Fine Joint |
| | |
| | |
| Distance (ft) | 00.0 |

| Distance (ft): | 90.8 | |
|---------------------|------|--|
| Structural Grade: | 0 | |
| O&M Grade: | 1 | |
| Clock Start/From: | 3 | |
| Clock To: | | |
| 1st Value: | | |
| 2nd Value: | | |
| Value Percent: | | |
| Continuous Index: | | |
| Within 8" of Joint: | YES | |
| Remarks: | | |



Code: **TBI** Description: **Tap Break-in Intruding**

| Distance (ft): | 99.3 |
|---------------------|-------|
| Structural Grade: | 0 |
| O&M Grade: | 2 |
| Clock Start/From: | 2 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | 1.000 |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |
| | |



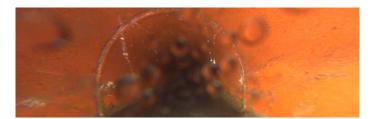
| Code: | RMJ |
|--------------|--------------------|
| Description: | Roots Medium Joint |
| | |

| Distance (ft): | 176.6 |
|---------------------|--------|
| Structural Grade: | 0 |
| O&M Grade: | 3 |
| Clock Start/From: | 7 |
| Clock To: | 5 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | 20.000 |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |

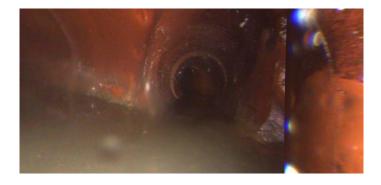


Code:TFADescription:Tap Factory Active

| Distance (ft): | 178.2 |
|---------------------|-------|
| 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: | |

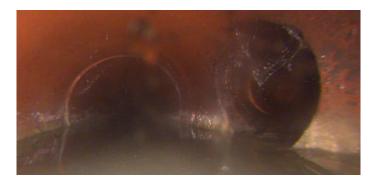


| Code: | RFJ |
|---------------------|-------------------------|
| Description: | Roots Fine Joint |
| | |
| Distance (ft). | 170.1 |
| Distance (ft): | 179.1 |
| Structural Grade: | 0 |
| O&M Grade: | 1 |
| Clock Start/From: | 7 |
| Clock To: | 5 |
| 1st Value: | |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | YES |
| Remarks: | |



Code:TFADescription:Tap Factory Active

Distance (ft): 187.1 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:

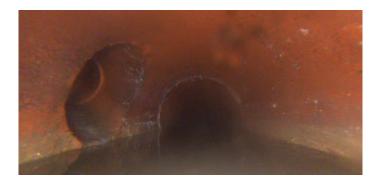


| Code: Description: | TFA Tap Factory Active |
|-----------------------|---------------------------|
| | |
| Distance (ft): | 213.6 |
| Structural Grade: | 0 |
| O&M Grade: | 0 |
| Clock Start/From: | 9 |
| Clock To: | |
| 1st Value: | 4.000 |
| 2nd Value: | |
| Value Percent: | |
| Continuous Index: | |
| Within 8" of Joint: | |
| Remarks: | |

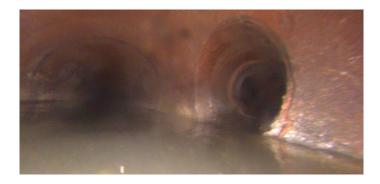


| Code: | TF |
|--------------|-------------|
| Description: | Tap Factory |

| Distance (ft): | 232.6 |
|---------------------|-------|
| 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: | TF Tap Factory |
|---|-------------------------------|
| 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: | 234.3 0 0 3 4.000 |
| Nethanks. | |



Code: Description:

TFA

Tap Factory Active

Distance (ft): 260.5 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:

Remarks:



| Code: | TFA |
|---------------------|--------------------|
| Description: | Tap Factory Active |
| | |
| | 274.0 |
| Distance (ft): | 274.9 |
| 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: | |



| Code: | AMH |
|--------------|---------|
| Description: | Manhole |
| | |

| Distance (ft): | 292.1 |
|---------------------|-----------|
| 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-707-075 |
| | |