

## Profile/Photo Observation Report

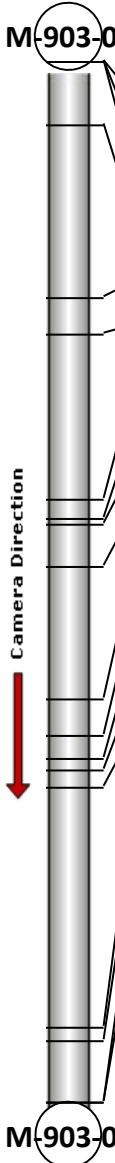


Date:	<b>03/20/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>175.3</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Justin Gonzales</b>	PSR:	<b>P-903-041-040</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>38th pl</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Other</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-903-040</b>	DS MH:	<b>M-903-041</b>
		Total Length Surveyed (ft):	<b>171.7</b>

O&M Index:	<b>1.96</b>	O&M Quick:	<b>4233</b>	O&M Rating:	<b>94.00</b>
Structural Index:	<b>3.50</b>	Structural Quick:	<b>4131</b>	Structural Rating:	<b>7.00</b>
Overall Index:	<b>2.02</b>	Overall Quick:	<b>4334</b>	Overall Rating:	<b>101.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	DAZ(S01)	Deposits Attached Other	32	M 2
	10.5	RFJ(S02)	Roots Fine Joint	65	M 1
	39.0	TF	Tap Factory	134	NA
	45.1	RFJ(F02)	Roots Fine Joint	159	M 1
	72.2	RFJ	Roots Fine Joint	224	M 1
	75.4	MWLS	Water Level Sag	242	S 3
	76.5	MCU	Camera Underwater	256	M 4
	83.3	RFJ	Roots Fine Joint	281	M 1
	105.3	RMJ	Roots Medium Joint	336	M 3
	111.3	MCU	Camera Underwater	360	M 4
	115.1	MGO	General Observation	379	NA
	116.8	RMJ	Roots Medium Joint	396	M 3
	119.9	FM	Fracture Multiple	414	S 4
	159.2	RPR	Repair Point Pipe Replaced	504	NA
	161.6	RPR	Repair Point Pipe Replaced	520	NA
	171.7	AMH	Manhole	554	NA
	171.7	DAZ(F01)	Deposits Attached Other	565	M 2

Code: **AMH**  
Description: **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-903-041**

---

Code:	<b>MWL</b>
Description:	<b>Water Level</b>



Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>15.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

---

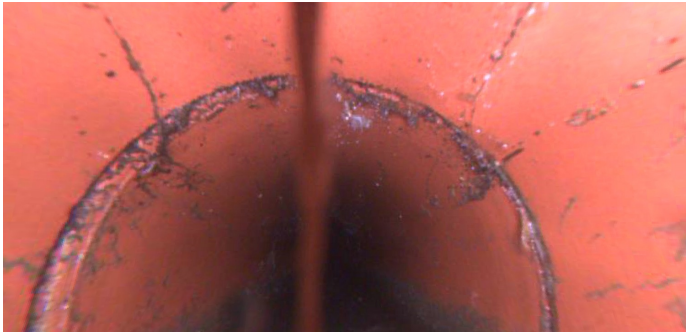
Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>



Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>WANDER</b>

---

Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **10.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

---

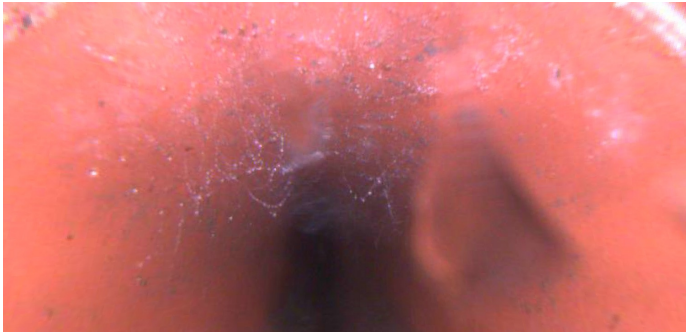
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **39.0**  
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:

---

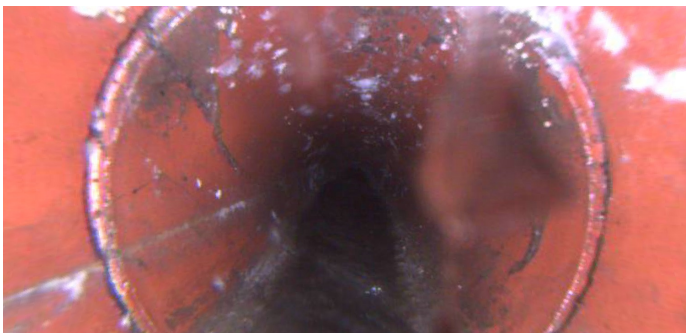
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **45.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

---

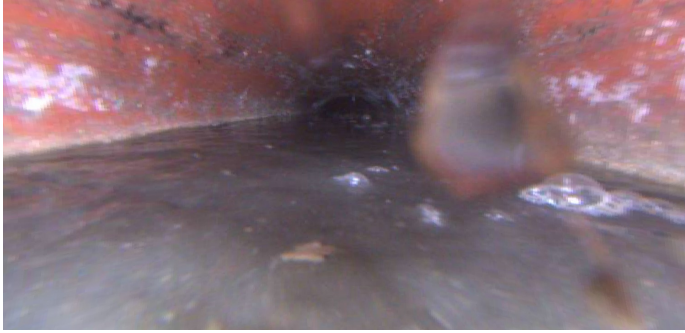
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **72.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **MWLS**  
Description: **Water Level Sag**



Distance (ft): **75.4**  
Structural Grade: **3**  
O&M Grade: **3**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

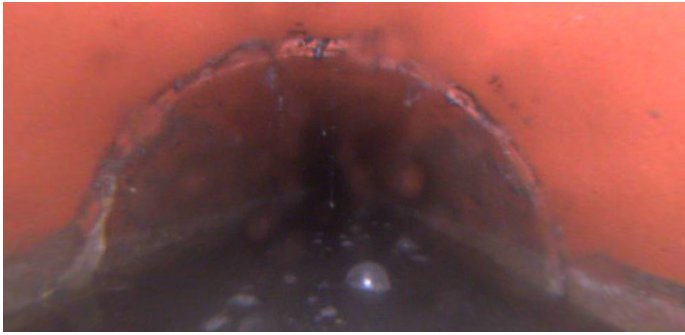
Code: **MCU**  
Description: **Camera Underwater**



Distance (ft): **76.5**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

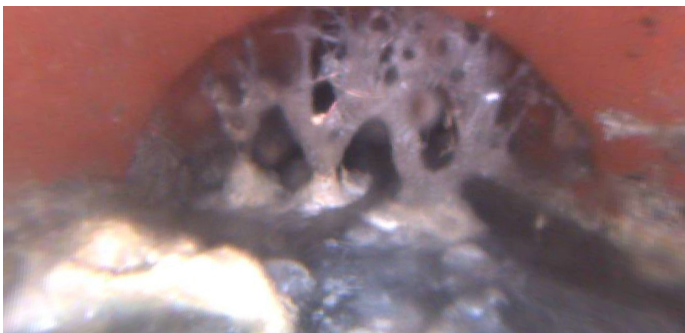
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **83.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **RMJ**  
Description: **Roots Medium Joint**

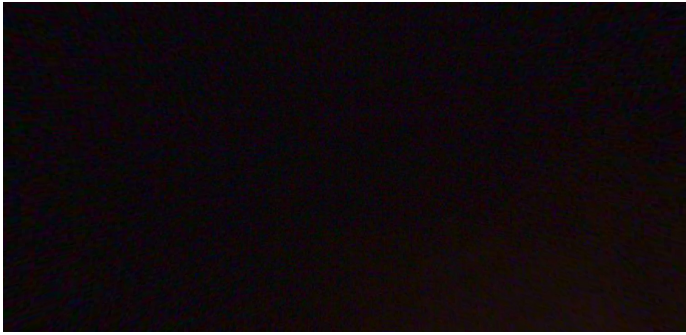


Distance (ft): **105.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



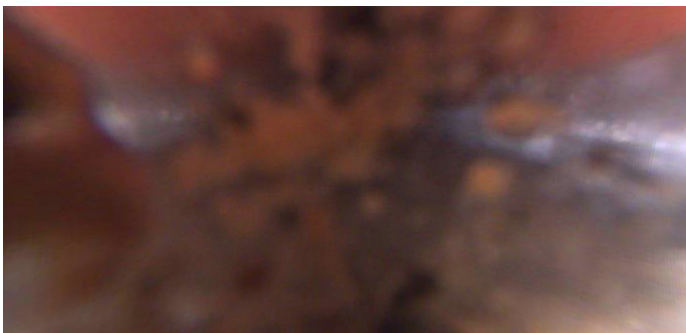
Code: **MCU**  
Description: **Camera Underwater**



Distance (ft): **111.3**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

Code: **MGO**  
Description: **General Observation**

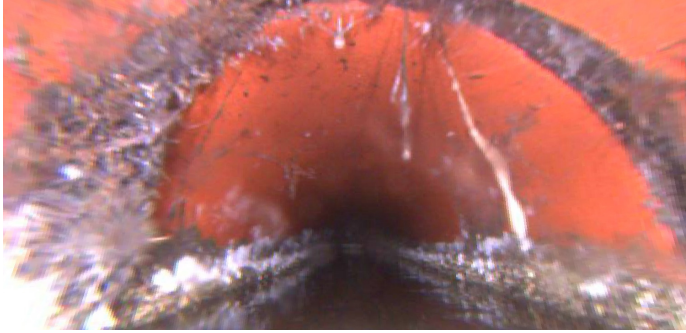


Distance (ft): **115.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **FRONT LENS OBSTRUCTED**

---



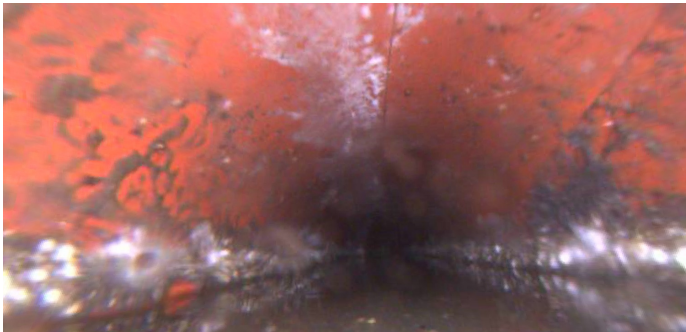
Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **116.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

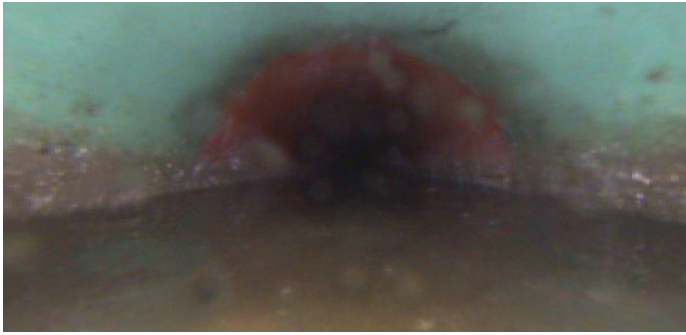
Code: **FM**  
Description: **Fracture Multiple**



Distance (ft): **119.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

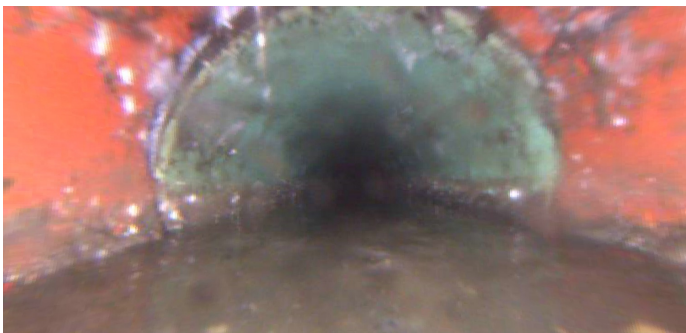
Code: **RPR**  
Description: **Repair Point Pipe Replaced**



Distance (ft): **159.2**  
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: **VCP TO PVC**

---

Code: **RPR**  
Description: **Repair Point Pipe Replaced**



Distance (ft): **161.6**  
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: **PVC TO VCP; PVC END**

---

Code: **AMH**  
Description: **Manhole**



Distance (ft): **171.7**  
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-903-040**

---

Code: **DAZ**  
Description: **Deposits Attached Other**



Distance (ft): **171.7**  
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: **YES**  
Remarks: **WANDER**