

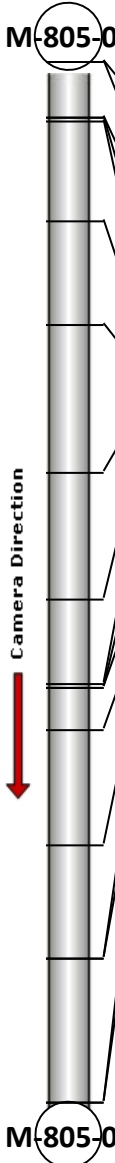
Profile/Photo Observation Report



Date:	04/22/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	214.5	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-805-021-020
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	Capitol	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Maintenance Related	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	Cured in Place
Category:	NA		
Comment:	heavy debris at 144'-flow reversed.		
Location Details:		Direction of Survey:	Upstream
US MH:	M-805-020	DS MH:	M-805-021
		Total Length Surveyed (ft):	145.3

O&M Index:	1.83	O&M Quick:	4433	O&M Rating:	44.00
Structural Index:	0.00	Structural Quick:	0000	Structural Rating:	0.00
Overall Index:	1.83	Overall Quick:	4433	Overall Rating:	44.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	7.9	TFD	Tap Factory Defective	51	M 2
	7.9	RFL	Roots Fine Lateral	62	M 1
	8.3	RFJ(S01)	Roots Fine Joint	77	M 1
	22.2	TFC	Tap Factory Capped	118	NA
	36.7	TB	Tap Break-in	160	NA
	57.4	RFJ(F01)	Roots Fine Joint	215	M 1
	75.0	RFJ	Roots Fine Joint	264	M 1
	86.9	RFJ	Roots Fine Joint	300	M 1
	87.5	TFD	Tap Factory Defective	313	M 2
	87.5	RFL	Roots Fine Lateral	324	M 1
	93.2	RFJ	Roots Fine Joint	347	M 1
	109.4	RMJ(S02)	Roots Medium Joint	391	M 3
	125.2	RMJ(F02)	Roots Medium Joint	434	M 3
	125.2	MCU(S03)	Camera Underwater	447	M 4
	145.3	MCU(F03)	Camera Underwater	503	M 4
	145.3	MSA	Abandoned Survey	514	NA
<div> <div>Code:</div> <div>Description:</div> </div> <div> <div>Distance (ft):</div> <div>Structural Grade:</div> <div>O&M Grade:</div> <div>Clock Start/From:</div> <div>Clock To:</div> <div>1st Value:</div> <div>2nd Value:</div> <div>Value Percent:</div> <div>Continuous Index:</div> <div>Within 8" of Joint:</div> <div>Remarks:</div> </div> <div> <div>AMH</div> <div>Manhole</div> <div>.0</div> <div>0</div> <div>0</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>NO</div> <div>M-805-021</div> </div>					



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:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	TFD
Description:	Tap Factory Defective



Distance (ft):	7.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	RFL

Code: **RFL**
Description: **Roots Fine Lateral**



Distance (ft): **7.9**
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: **NO**
Remarks:

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



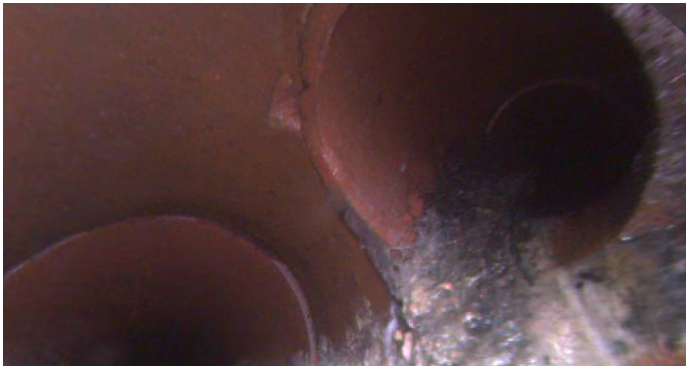
Distance (ft): **8.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

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

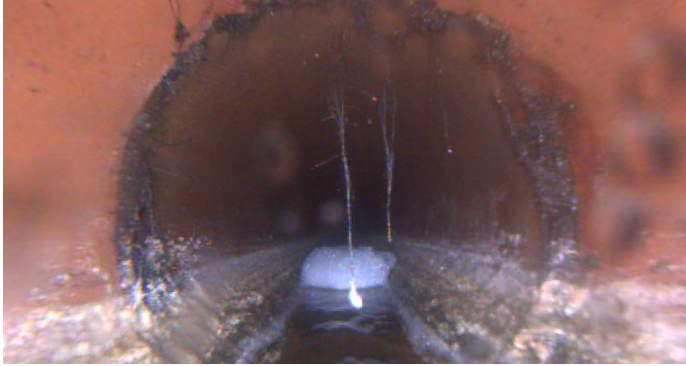


Distance (ft): **22.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TB**
Description: **Tap Break-in**



Distance (ft): **36.7**
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:
Remarks:



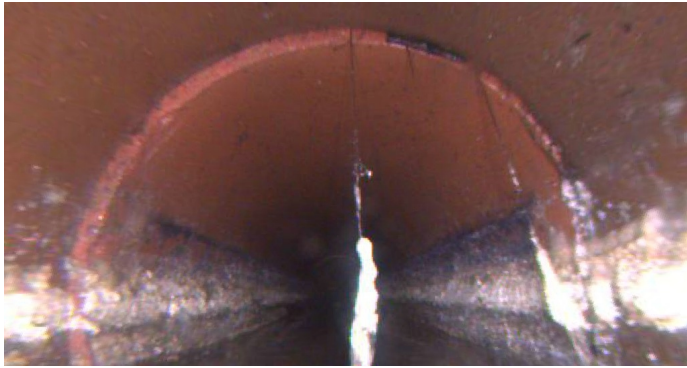
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **57.4**
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:



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

Distance (ft): **75.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

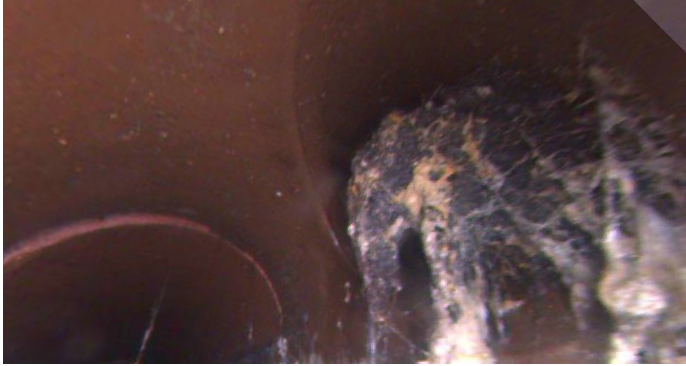
Distance (ft): **86.9**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **12**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **87.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint:
 Remarks: **RFL**

Code: **RFL**
Description: **Roots Fine Lateral**

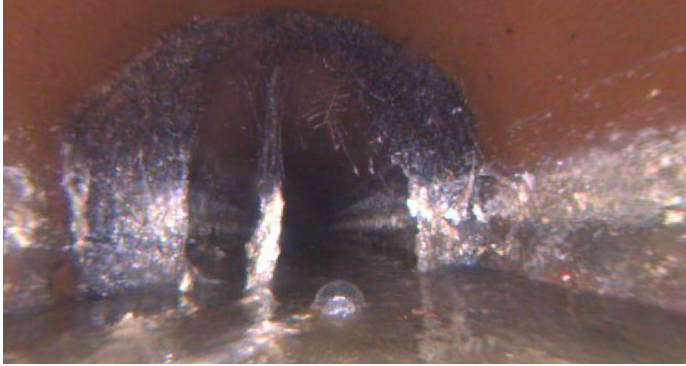


Distance (ft): **87.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **93.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



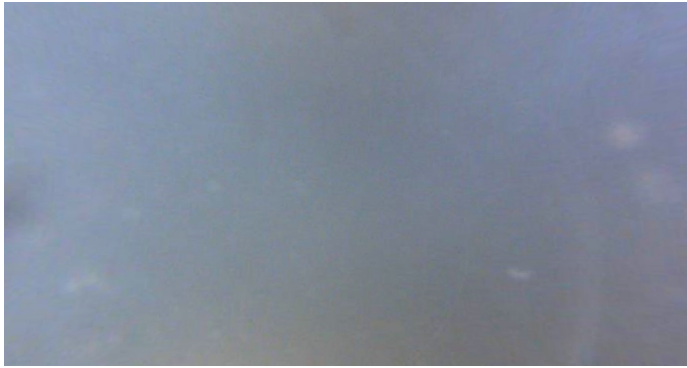
Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **109.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **125.2**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **125.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **145.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	145.3
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:	MCU