

Profile/Photo Observation Report




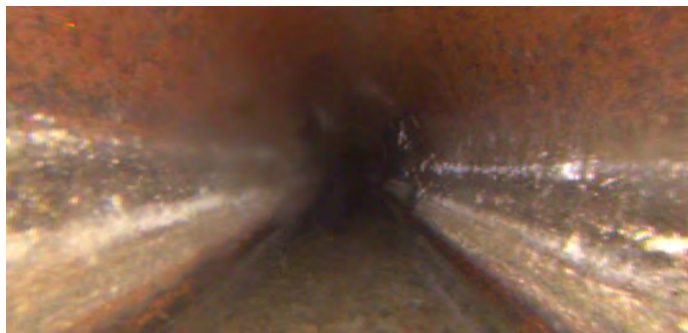
Date:	04/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	219.2	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-604-075-074
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	N WASHINGTON ST	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	12"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-604-075	DS MH:	M-604-074
		Total Length Surveyed (ft):	153.3

O&M Index:	1.67	O&M Quick:	4234	O&M Rating:	112.00
Structural Index:	2.96	Structural Quick:	3D21	Structural Rating:	80.00
Overall Index:	2.04	Overall Quick:	423E	Overall Rating:	192.00

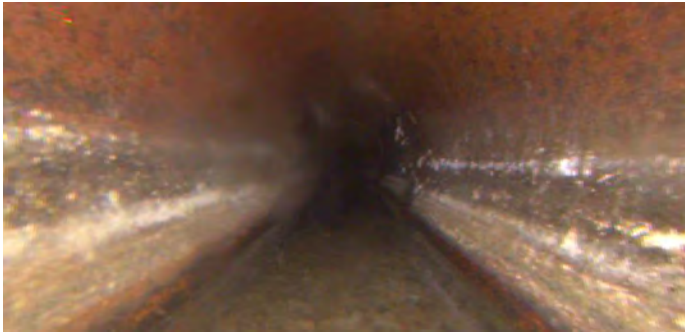
	Position	Code	Observation	Video (sec)	Grade
M-604-074					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	1.9	RFJ(S01)	Roots Fine Joint	36	M 1
	12.3	RMJ	Roots Medium Joint	69	M 3
	14.7	DAZ(S02)	Deposits Attached Other	86	M 2
	19.6	CL	Crack Longitudinal	109	S 2
	19.6	TF	Tap Factory	121	NA
	19.6	RML	Roots Medium Lateral	132	M 3
	20.8	CM(S03)	Crack Multiple	147	S 3
	22.0	TFD	Tap Factory Defective	162	M 2
	22.0	RML	Roots Medium Lateral	173	M 3
	55.1	TF	Tap Factory	252	NA
	55.1	DAGS	Deposits Attached Grease	264	M 2
	56.9	TF	Tap Factory	281	NA
	56.9	DAGS	Deposits Attached Grease	293	M 2
	73.3	RMJ	Roots Medium Joint	338	M 3
	140.2	MGO	General Observation	483	NA
	149.3	RMB	Roots Medium Barrel	513	M 4
	152.2	RBJ	Roots Ball Joint	531	M 4
	153.3	MSA	Abandoned Survey	545	NA
	153.3	CM(F03)	Crack Multiple	556	S 3
	153.3	DAZ(F02)	Deposits Attached Other	567	M 2
	153.3	RFJ(F01)	Roots Fine Joint	578	M 1
M-604-075					



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

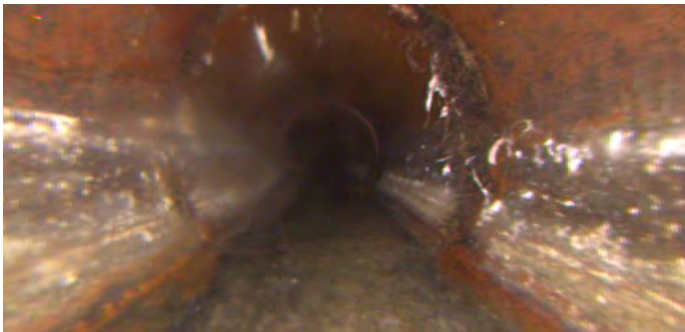
 Distance (ft): **.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **M-604-075**

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:	RFJ
Description:	Roots Fine Joint



Distance (ft):	1.9
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	wandering

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



Distance (ft): **12.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **14.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks: **wandering**

Code: **CL**
Description: **Crack Longitudinal**



Distance (ft): **19.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **19.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **RML**
Description: **Roots Medium Lateral**



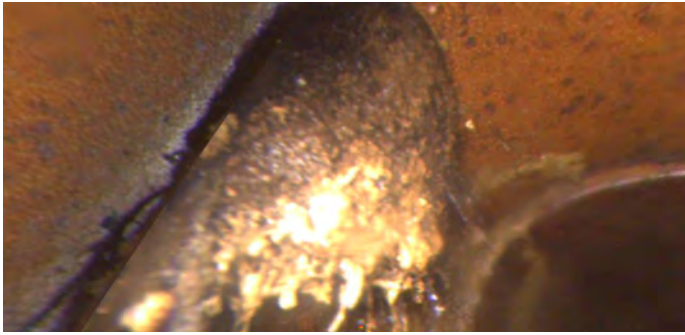
Distance (ft): **19.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **CM**
Description: **Crack Multiple**



Distance (ft): **20.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



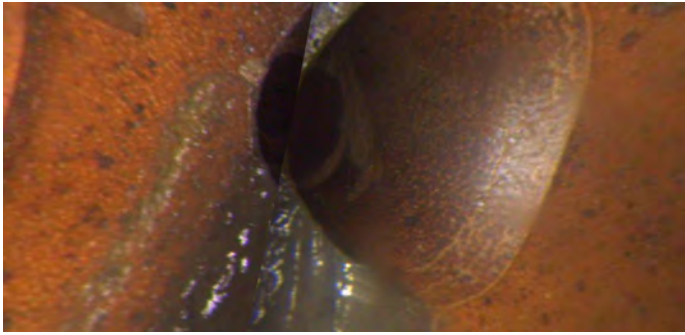
Distance (ft): **22.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **blocked by roots**

Code: **RML**
Description: **Roots Medium Lateral**



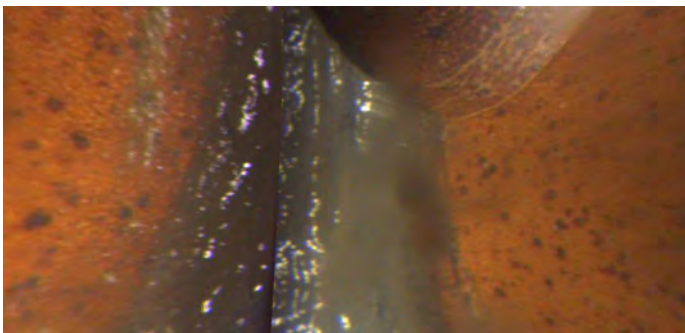
Distance (ft): **22.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



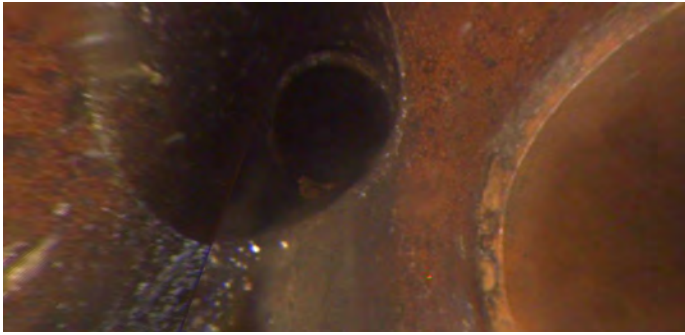
Distance (ft): **55.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **DAGS**
Description: **Deposits Attached Grease**



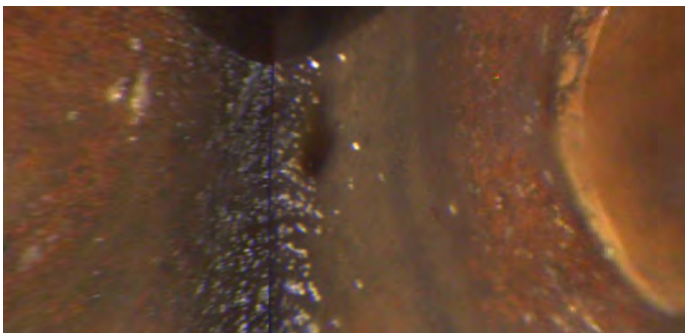
Distance (ft): **55.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **56.9**
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: **DAGS**
Description: **Deposits Attached Grease**



Distance (ft): **56.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **73.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



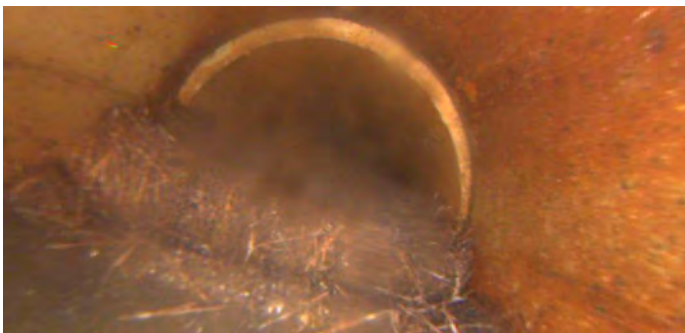
Distance (ft): **140.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **roots underwater**

Code: **RMB**
Description: **Roots Medium Barrel**



Distance (ft): **149.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



Distance (ft): **152.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **3**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **55.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MSA**
Description: **Abandoned Survey**



Distance (ft): **153.3**
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: **rbj**

Code: **CM**
Description: **Crack Multiple**



Distance (ft): **153.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **153.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **153.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **wandering**