

Profile/Photo Observation Report

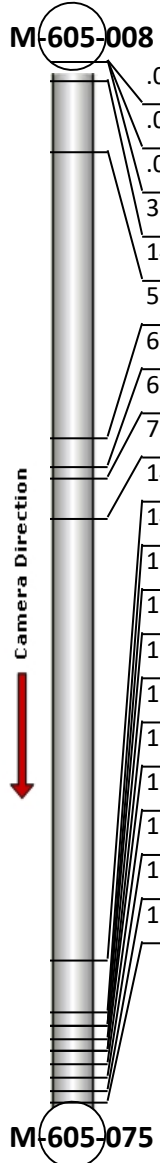


Date:	04/25/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	165.1	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-605-075-008
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	Ash	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	12"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	Flow direction wrong. Reverse setup.		

Location Details:		Direction of Survey:	Downstream
US MH:	M-605-008	DS MH:	M-605-075
		Total Length Surveyed (ft):	163.0

O&M Index:	2.17	O&M Quick:	5133	O&M Rating:	26.00
Structural Index:	3.81	Structural Quick:	4B32	Structural Rating:	80.00
Overall Index:	3.21	Overall Quick:	514B	Overall Rating:	106.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	FC	Fracture Circumferential	32	S 2
	3.1	DSF(S01)	Deposits Settled Fine	50	M 2
	14.0	DSF(F01)	Deposits Settled Fine	83	M 2
	59.0	CM	Crack Multiple	184	S 3
	63.4	DAE	Deposits Attached Encrustation	205	M 2
	65.4	CM	Crack Multiple	220	S 3
	71.5	FM(S02)	Fracture Multiple	244	S 4
	140.7	RFJ	Roots Fine Joint	393	M 1
	148.8	DAZ	Deposits Attached Other	421	M 5
	151.1	DAZ	Deposits Attached Other	437	M 2
	151.1	RFJ	Roots Fine Joint	448	M 1
	153.2	RFJ	Roots Fine Joint	464	M 1
	155.0	DAZ	Deposits Attached Other	480	M 3
	155.0	RFJ	Roots Fine Joint	491	M 1
	157.0	RMJ	Roots Medium Joint	506	M 3
	159.2	RMJ	Roots Medium Joint	522	M 3
	161.3	FM(F02)	Fracture Multiple	538	S 4
	163.0	AMH	Manhole	553	NA

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-605-008**

Code:	MWL
Description:	Water Level



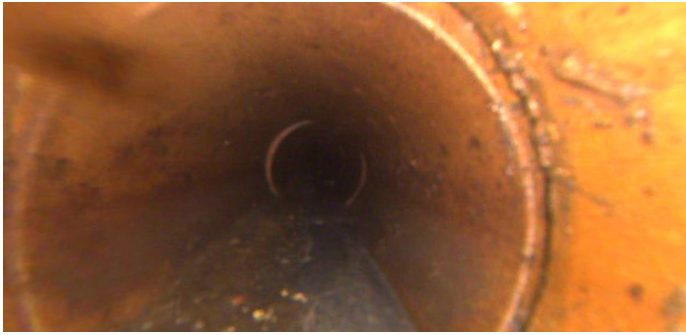
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	FC
Description:	Fracture Circumferential



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

Code: **DSF**
Description: **Deposits Settled Fine**



Distance (ft): **3.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:

Code: **DSF**
Description: **Deposits Settled Fine**



Distance (ft): **14.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:

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



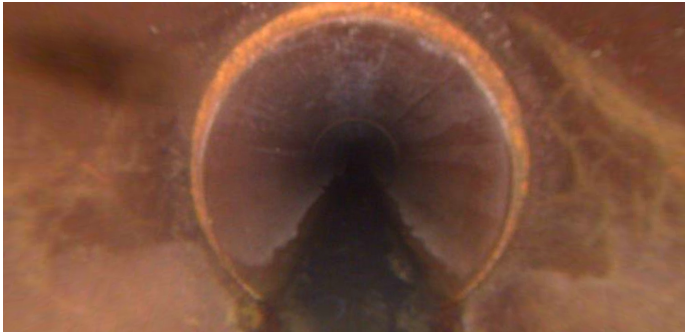
Distance (ft): **59.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **DAE**
Description: **Deposits Attached Encrustation**



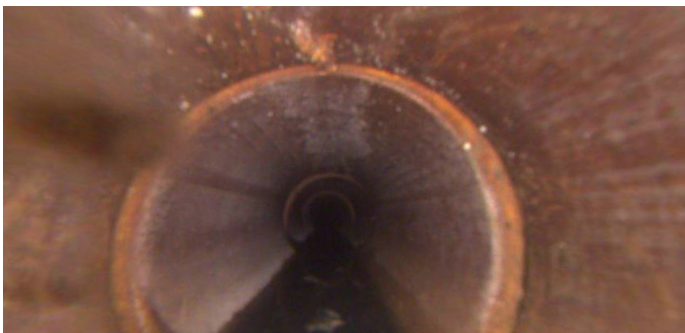
Distance (ft): **63.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **65.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **71.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **140.7**
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: **DAZ**
Description: **Deposits Attached Other**



Distance (ft): **148.8**
Structural Grade: **0**
O&M Grade: **5**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



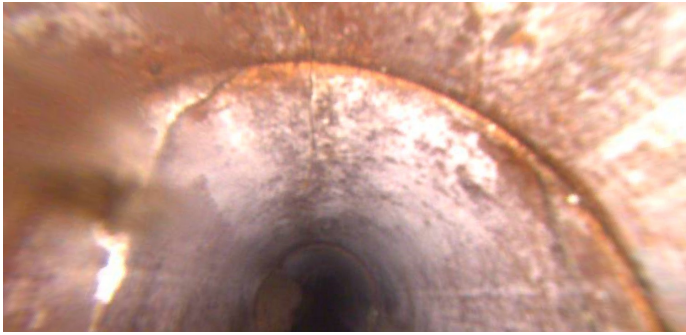
Distance (ft): **151.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **151.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



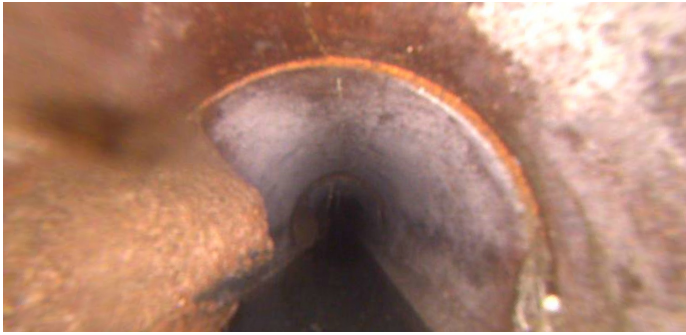
Distance (ft): **153.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **155.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **155.0**
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: **RMJ**
Description: **Roots Medium Joint**



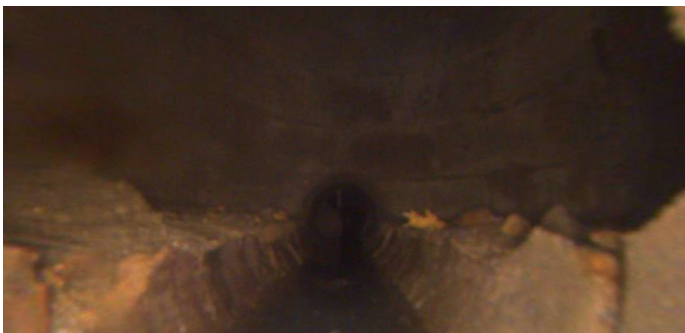
Distance (ft): **157.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **159.2**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **161.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	163.0
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-605-075