

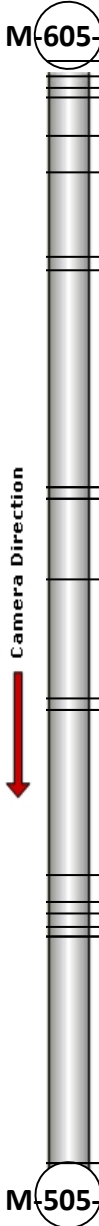
Profile/Photo Observation Report



Date:	04/29/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):		Owner:	City of Hobart	Pre Clean:	No Pre-Cleaning
P.O.#:	136	Surveyor:	M. Pielacha	PSR:	P-605-048-018
Customer:	City of Hobart	Clean Date:		Shape:	C

Street:	Wisconsin Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	DEP 136
Purpose:	Routine Assessment	Dia/Height:	20"
Use:	Sanitary	Material:	VCP
Drain Area:		Lining:	
Category:	NA		
Comment:	5-21-2018		
Location Details:		Direction of Survey:	Downstream
US MH:	M-605-048	DS MH:	M-505-018
		Total Length Surveyed (ft):	225.3

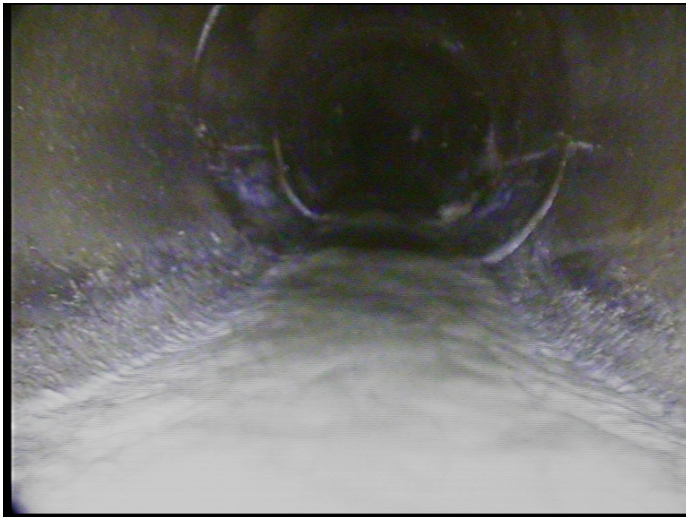
O&M Index:	1.67	O&M Quick:	2412	O&M Rating:	10.00
Structural Index:	2.41	Structural Quick:	3B2C	Structural Rating:	99.00
Overall Index:	2.32	Overall Quick:	3B2D	Overall Rating:	109.00

	Position	Code	Observation	Video (sec)	Grade
	M-605-048				
	.0	AMH	Manhole	0	NA
	.0	MWL	Water Level	7	NA
	3.3	CM	Crack Multiple	18	S 3
	5.5	RFJ	Roots Fine Joint	34	M 1
	7.6	FL(S01)	Fracture Longitudinal	54	S 3
	15.4	RFJ	Roots Fine Joint	75	M 1
	22.6	TBA	Tap Break-in Active	100	NA
	40.0	TF	Tap Factory	174	NA
	42.7	TF	Tap Factory	194	NA
	86.9	TF	Tap Factory	266	NA
	86.9	DAE	Deposits Attached Encrustation	273	M 2
	89.2	TF	Tap Factory	291	NA
	89.2	FL(F01)	Fracture Longitudinal	301	S 3
	105.6	CL(S02)	Crack Longitudinal	331	S 2
	130.1	TF	Tap Factory	378	NA
	132.6	TF	Tap Factory	395	NA
	132.6	DAE	Deposits Attached Encrustation	401	M 2
	166.2	TB	Tap Break-in	485	NA
	171.5	TF	Tap Factory	514	NA
	174.0	TF	Tap Factory	529	NA
	176.7	TB	Tap Break-in	544	NA
	178.5	TFD	Tap Factory Defective	562	M 2
	178.5	DAE	Deposits Attached Encrustation	570	M 2
	225.0	CL(F02)	Crack Longitudinal	1626	S 2
	225.0	AMH	Manhole	1629	NA
	M-505-018				



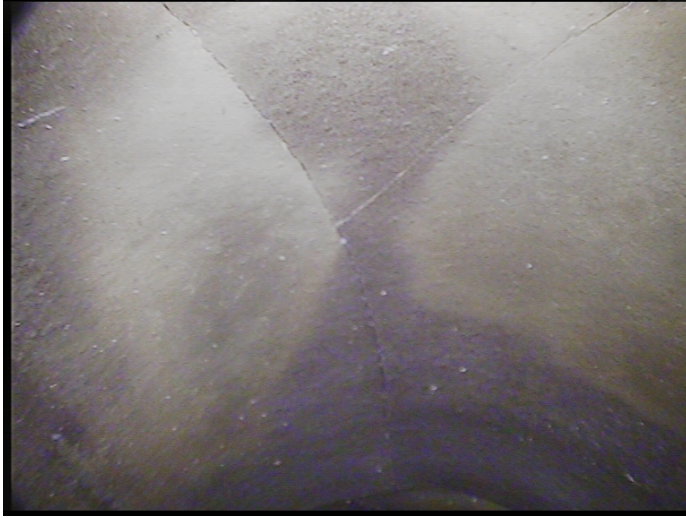
Code: **AMH**
Description: **Manhole**

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-605-048**



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

Distance (ft): **3.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **5.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	FL
Description:	Fracture Longitudinal
Distance (ft):	7.6
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	



Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	15.4
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	TBA
Description:	Tap Break-in Active
Distance (ft):	22.6
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:	NO
Remarks:	

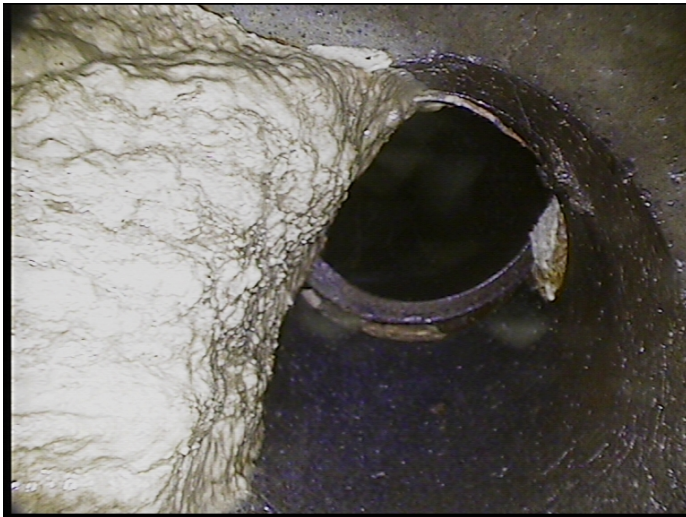


Code:	TF
Description:	Tap Factory
Distance (ft):	40.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



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

Distance (ft): **42.7**
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: **NO**
Remarks:



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

Distance (ft): **86.9**
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: **NO**
Remarks:



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	86.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

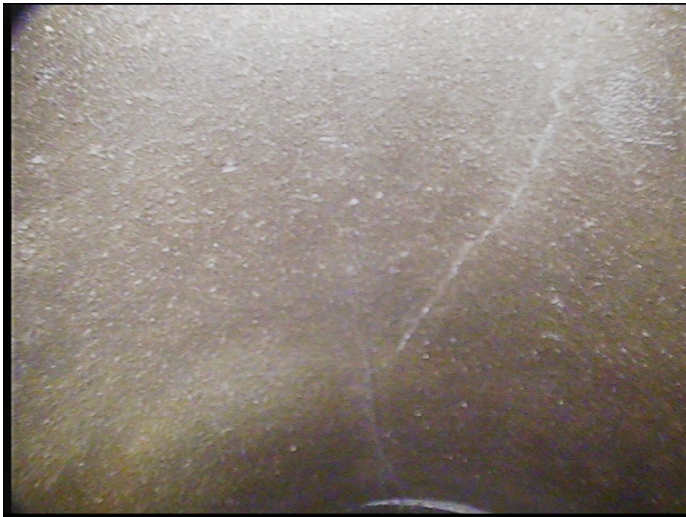


Code:	TF
Description:	Tap Factory
Distance (ft):	89.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **89.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **105.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **130.1**
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: **NO**
Remarks:



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

Distance (ft): **132.6**
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: **NO**
Remarks:



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	132.6
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:	YES
Remarks:	



Code:	TB
Description:	Tap Break-in
Distance (ft):	166.2
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:	NO
Remarks:	



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

Distance (ft): **171.5**
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: **NO**
Remarks:



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

Distance (ft): **174.0**
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: **NO**
Remarks:



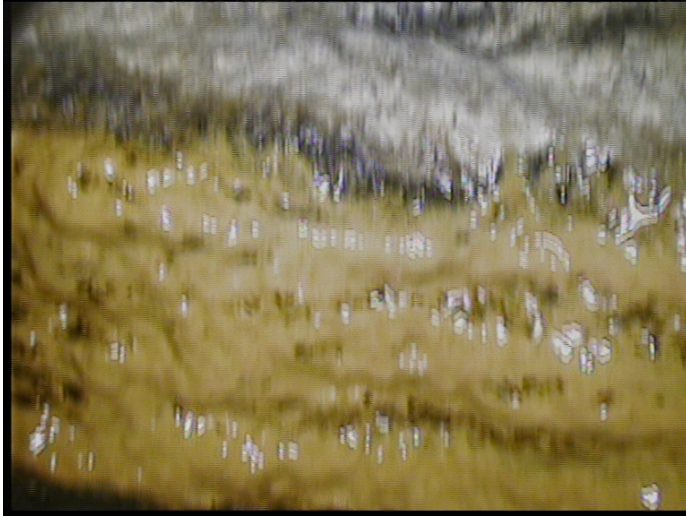
Code: **TB**
Description: **Tap Break-in**

Distance (ft): **176.7**
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: **NO**
Remarks:



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

Distance (ft): **178.5**
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: **NO**
Remarks: **Defective**



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	178.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	CL
Description:	Crack Longitudinal
Distance (ft):	225.0
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F02
Within 8" of Joint:	NO
Remarks:	



Code:	AMH
Description:	Manhole
Distance (ft):	225.0
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-505-018