

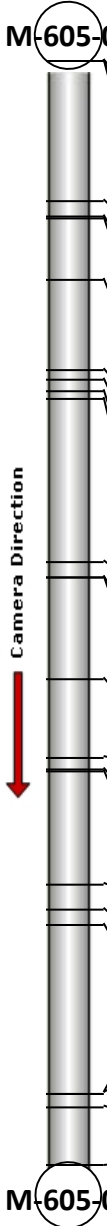
Profile/Photo Observation Report

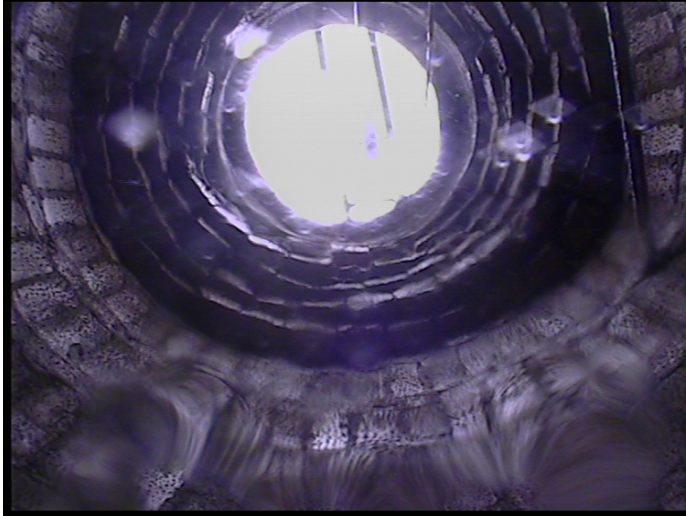


Date:	04/16/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):		Owner:	City of Hobart	Pre Clean:	No Pre-Cleaning
P.O.#:	60-1	Surveyor:	M. Pielacha	PSR:	M-605-032-M-605-033
Customer:	City of Hobart	Clean Date:		Shape:	C

Street:	Connecticut Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	DEP 60
Purpose:	Routine Assessment	Dia/Height:	18"
Use:	Sanitary	Material:	VCP
Drain Area:		Lining:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-605-032	DS MH:	M-605-033
		Total Length Surveyed (ft):	238.1

O&M Index:	2.00	O&M Quick:	312A	O&M Rating:	24.00
Structural Index:	2.88	Structural Quick:	3721	Structural Rating:	23.00
Overall Index:	2.35	Overall Quick:	382A	Overall Rating:	47.00

	Position	Code	Observation	Video (sec)	Grade
	M-605-033				
	.0	AMH	Manhole	0	NA
	.0	MWL	Water Level	6	NA
	.0	DSF(S01)	Deposits Settled Fine	13	M 2
	30.2	TFA	Tap Factory Active	69	NA
	33.5	TBA	Tap Break-in Active	85	NA
	33.9	FL	Fracture Longitudinal	96	S 3
	47.2	DSF(F01)	Deposits Settled Fine	125	M 2
	66.6	DSF(S02)	Deposits Settled Fine	205	M 3
	68.9	TFA	Tap Factory Active	249	NA
	71.2	TF	Tap Factory	270	NA
	73.0	DSF(F02)	Deposits Settled Fine	288	M 3
	108.0	TF	Tap Factory	419	NA
	111.2	TBA	Tap Break-in Active	434	NA
	111.2	FL	Fracture Longitudinal	447	S 3
	133.3	CL	Crack Longitudinal	484	S 2
	150.2	TF	Tap Factory	520	NA
	152.6	FL(S03)	Fracture Longitudinal	535	S 3
	153.2	TFA	Tap Factory Active	544	NA
	177.6	FL(F03)	Fracture Longitudinal	614	S 3
	183.1	TF	Tap Factory	631	NA
	186.5	TF	Tap Factory	645	NA
	222.8	TFD	Tap Factory Defective	704	M 2
	222.8	RFL	Roots Fine Lateral	709	M 1
	225.7	TFA	Tap Factory Active	725	NA
	238.1	AMH	Manhole	752	NA
	M-605-032				



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-605-033**



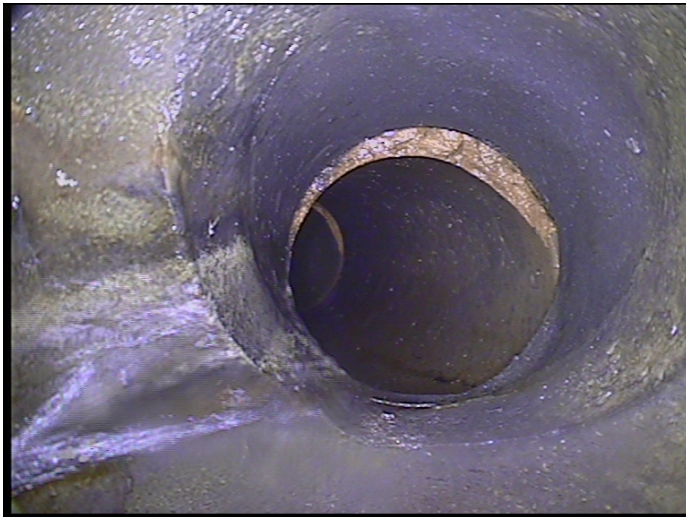
Code: **MWL**
Description: **Water Level**

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

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



Code: **TFA**
Description: **Tap Factory Active**

Distance (ft): **30.2**
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: **TBA**
Description: **Tap Break-in Active**

Distance (ft): **33.5**
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): **33.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	DSF
Description:	Deposits Settled Fine
Distance (ft):	47.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	



Code:	DSF
Description:	Deposits Settled Fine
Distance (ft):	66.6
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	S02
Within 8" of Joint:	YES
Remarks:	



Code: **TFA**
Description: **Tap Factory Active**

Distance (ft): **68.9**
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: **TF**
Description: **Tap Factory**

Distance (ft): **71.2**
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: **NO**
Remarks:



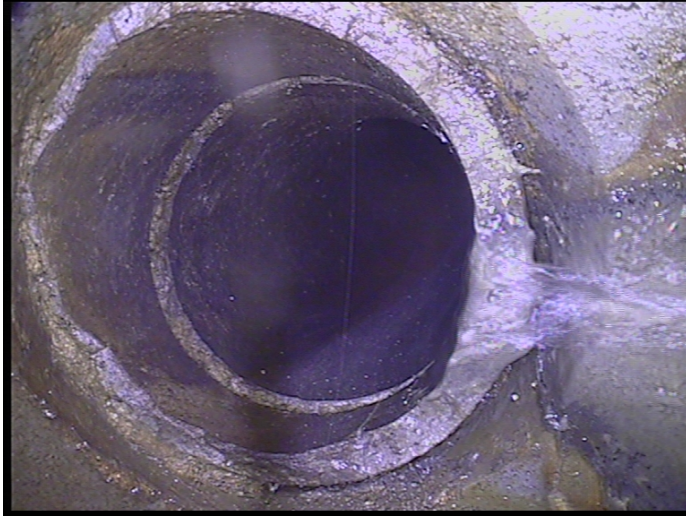
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **73.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **108.0**
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:	TBA
Description:	Tap Break-in Active
Distance (ft):	111.2
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):	111.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



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

Distance (ft): **133.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **150.2**
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: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **152.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



Code: **TFA**
Description: **Tap Factory Active**

Distance (ft): **153.2**
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): **177.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **183.1**
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): **186.5**
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: **NO**
Remarks:



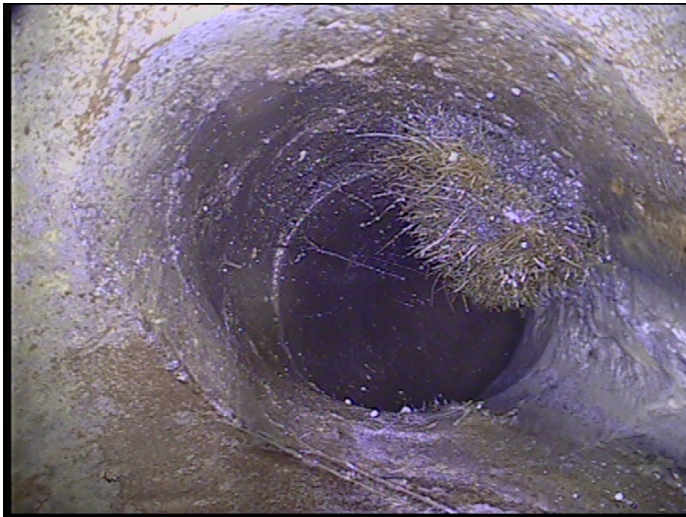
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **222.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Defective**



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

Distance (ft): **222.8**
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: **TFA**
Description: **Tap Factory Active**

Distance (ft): **225.7**
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:	AMH
Description:	Manhole
Distance (ft):	238.1
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:	M-605-032