

Profile/Photo Observation Report

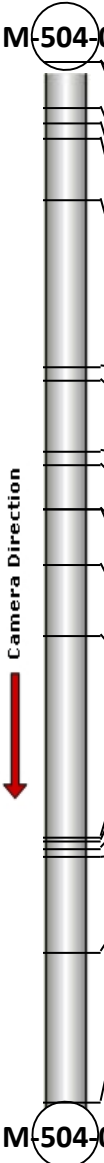


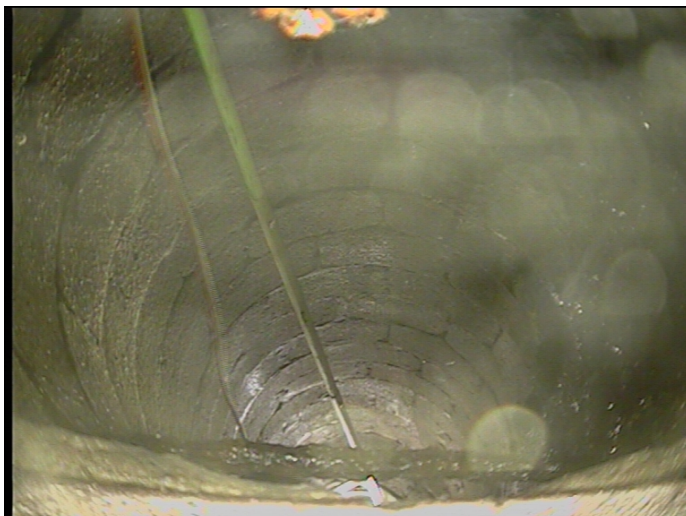
Date:	04/08/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):		Owner:	City of Hobart	Pre Clean:	No Pre-Cleaning
P.O.#:	21-1	Surveyor:	M. Pielacha	PSR:	M-504-076-M-504-075
Customer:	City of Hobart	Clean Date:		Shape:	C

Street:	Off Colorado Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	DEP 21
Purpose:	Routine Assessment	Dia/Height:	18"
Use:	Sanitary	Material:	VCP
Drain Area:		Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-504-076	DS MH:	M-504-075
		Total Length Surveyed (ft):	158.8

O&M Index:	1.67	O&M Quick:	3122	O&M Rating:	10.00
Structural Index:	2.57	Structural Quick:	3423	Structural Rating:	18.00
Overall Index:	2.15	Overall Quick:	3525	Overall Rating:	28.00

	Position	Code	Observation	Video (sec)	Grade
M-504-076					
 Camera Direction	.0	AMH	Manhole	0	NA
	.0	MWL	Water Level	10	NA
	6.9	TF	Tap Factory	27	NA
	9.5	CL	Crack Longitudinal	47	S 2
	11.7	CL	Crack Longitudinal	64	S 2
	21.1	CL	Crack Longitudinal	85	S 2
	46.7	RFJ	Roots Fine Joint	120	M 1
	48.5	TFD	Tap Factory Defective	137	M 2
	59.5	RFJ	Roots Fine Joint	160	M 1
	61.6	RFJ	Roots Fine Joint	176	M 1
	68.3	TFD	Tap Factory Defective	204	M 2
	68.3	RML	Roots Medium Lateral	213	M 3
	76.8	TBA	Tap Break-in Active	238	NA
	87.5	TF	Tap Factory	260	NA
	118.4	TF	Tap Factory	304	NA
	119.0	CM	Crack Multiple	320	S 3
	120.1	TB	Tap Break-in	330	NA
	121.4	FL(S01)	Fracture Longitudinal	341	S 3
	136.0	FL(F01)	Fracture Longitudinal	365	S 3
	158.8	AMH	Manhole	415	NA
M-504-075					



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-504-076**



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:	TF
Description:	Tap Factory
Distance (ft):	6.9
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: **CL**
Description: **Crack Longitudinal**

Distance (ft): **9.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **11.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **21.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **46.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **48.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Defective**



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

Distance (ft): **59.5**
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: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **61.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **68.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **roots**



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

Distance (ft): **68.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **TBA**
Description: **Tap Break-in Active**

Distance (ft): **76.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
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): **87.5**
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: **NO**
Remarks:



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

Distance (ft): **118.4**
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: **NO**
Remarks:



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

Distance (ft): **119.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **120.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **5.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **121.4**
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: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **136.0**
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:	AMH
Description:	Manhole
Distance (ft):	158.8
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-504-075