

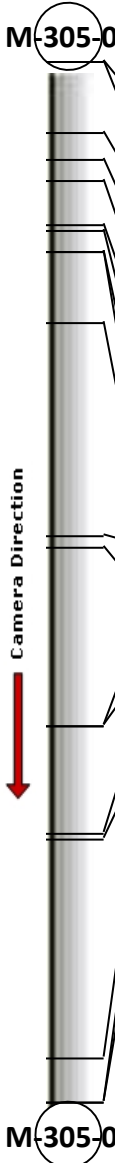
Profile/Photo Observation Report



Date:	04/19/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	294.5	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Justin Gonzales	PSR:	P-305-027-026
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	ALLEY BETWEEN CROWSNEST DR &	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	PVC
Drain Area:	NA	Lining:	Cured in Place
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-305-027	DS MH:	M-305-026
		Total Length Surveyed (ft):	286.3

O&M Index:	2.00	O&M Quick:	3121	O&M Rating:	6.00
Structural Index:	2.98	Structural Quick:	3G21	Structural Rating:	131.00
Overall Index:	2.91	Overall Quick:	3G22	Overall Rating:	137.00

	Position	Code	Observation	Video (sec)	Grade
	M-305-027				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	19.4	MWLS	Water Level Sag	71	S 2
	27.1	MWL	Water Level	98	NA
	33.0	TB	Tap Break-in	121	NA
	44.7	LFAC	Lining Failure Abandoned Connection	157	NA
	46.5	LFAC	Lining Failure Abandoned Connection	172	NA
	52.2	TFA	Tap Factory Active	195	NA
	52.4	MGO	General Observation	207	NA
	72.1	LFW(S02)	Lining Failure Wrinkled	258	S 3
	130.6	TFA	Tap Factory Active	388	NA
	133.7	TF	Tap Factory	407	NA
	182.8	RFC	Roots Fine Connection	517	M 1
	182.8	TFD	Tap Factory Defective	529	M 2
	212.2	TF	Tap Factory	600	NA
	214.1	LFAC	Lining Failure Abandoned Connection	616	NA
	274.2	TF	Tap Factory	748	NA
	286.3	AMH	Manhole	784	NA
	286.3	LFW(F02)	Lining Failure Wrinkled	796	S 3
	M-305-026				

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-305-027**

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:	MWLS
Description:	Water Level Sag



Distance (ft):	19.4
Structural Grade:	2
O&M Grade:	3
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

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

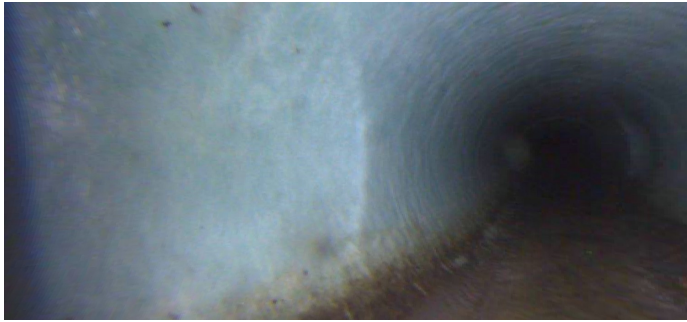


Distance (ft): **27.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



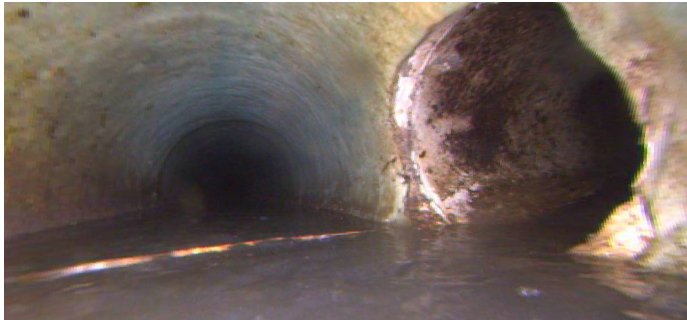
Distance (ft): **33.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	44.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	46.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



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

Distance (ft): **52.2**
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:
Remarks:



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

Distance (ft): **52.4**
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: **STICK OR ROOT**

Code: **LFW**
Description: **Lining Failure Wrinkled**



Distance (ft): **72.1**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks: **WANDER**

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



Distance (ft): **130.6**
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:
Remarks:

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



Distance (ft): **133.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RFC**
Description: **Roots Fine Connection**



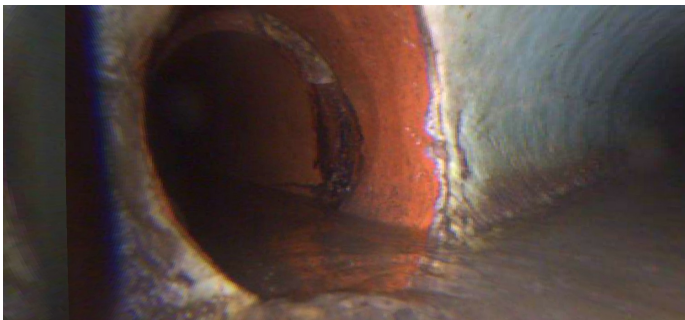
Distance (ft): **182.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **182.8**
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:
Remarks: **ROOTS COMING FROM TAP**

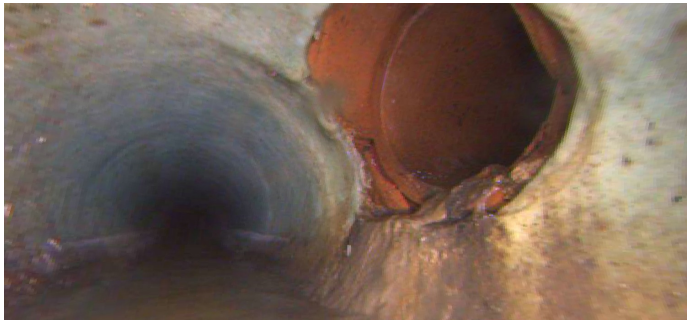
Code: **TF**
Description: **Tap Factory**



Distance (ft): **212.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	214.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	TF
Description:	Tap Factory
Distance (ft):	274.2
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:	
Remarks:	

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



Distance (ft): **286.3**
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: **M-305-026**

Code: **LFW**
Description: **Lining Failure Wrinkled**



Distance (ft): **286.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks: **WANDER**