

## Profile/Photo Observation Report

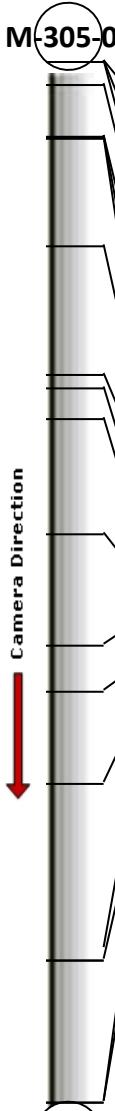


Date:	<b>04/17/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>297.9</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Justin Gonzales</b>	PSR:	<b>P-305-039-038</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>OFF CRABAPPLE LN</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Yard</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	<b>Cured in Place</b>
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-305-039</b>	DS MH:	<b>M-305-038</b>
		Total Length Surveyed (ft):	<b>292.4</b>

O&M Index:	<b>2.03</b>	O&M Quick:	<b>4132</b>	O&M Rating:	<b>130.00</b>
Structural Index:	<b>0.00</b>	Structural Quick:	<b>0000</b>	Structural Rating:	<b>0.00</b>
Overall Index:	<b>2.03</b>	Overall Quick:	<b>4132</b>	Overall Rating:	<b>130.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-305-039				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	DAZ(S01)	Deposits Attached Other	32	M 2
	9.8	LFAC	Lining Failure Abandoned Connection	63	NA
	21.0	RML	Roots Medium Lateral	97	M 3
	21.0	TFD	Tap Factory Defective	108	M 2
	21.4	IR	Infil Runner	121	M 4
	54.8	LR	Alignment Right	200	M 1
	88.1	MWL	Water Level	278	NA
	91.5	TFA	Tap Factory Active	297	NA
	103.6	MWL	Water Level	334	NA
	135.7	IS	Infil Stain	409	NA
	167.2	LFAC	Lining Failure Abandoned Connection	484	NA
	180.0	TBA	Tap Break-in Active	521	NA
	206.1	IS	Infil Stain	586	NA
	252.7	TBD	Tap Break-in Defective	691	M 3
	252.7	RFL	Roots Fine Lateral	702	M 1
	292.4	AMH	Manhole	793	NA
	292.4	DAZ(F01)	Deposits Attached Other	804	M 2
M-305-038					

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-305-039**

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Code:	<b>MWL</b>
Description:	<b>Water Level</b>



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

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Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>



Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>WANDER</b>

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Code:	<b>LFAC</b>
Description:	<b>Lining Failure Abandoned Connection</b>
Distance (ft):	<b>9.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>3</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

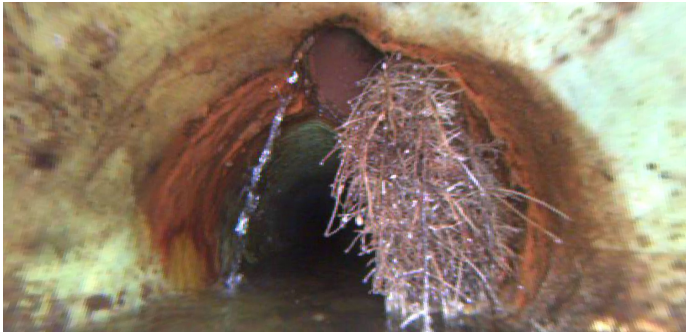
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Code:	<b>RML</b>
Description:	<b>Roots Medium Lateral</b>
Distance (ft):	<b>21.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>1</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>40.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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



Distance (ft): **21.0**  
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:  
Remarks: **ROOTS COMING FROM TAP**

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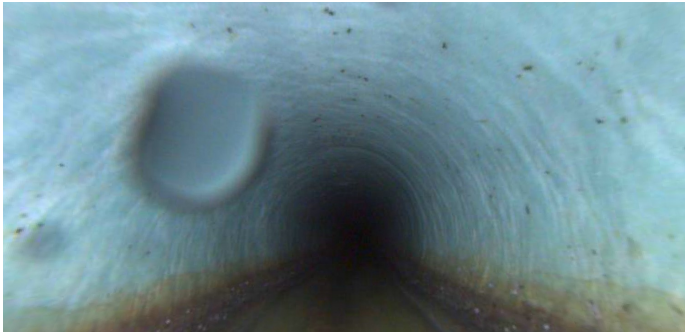
Code: **IR**  
Description: **Infil Runner**



Distance (ft): **21.4**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **LR**  
Description: **Alignment Right**



Distance (ft): **54.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

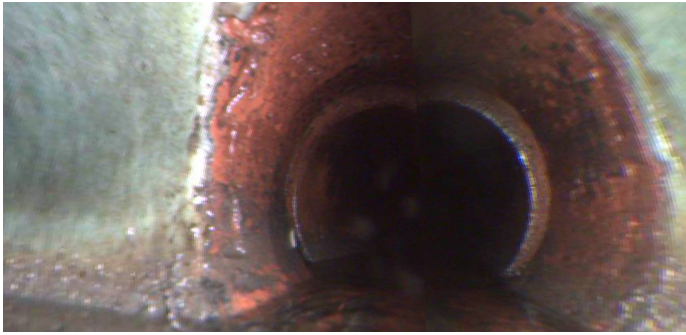


Distance (ft): **88.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **91.5**  
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:  
Remarks:

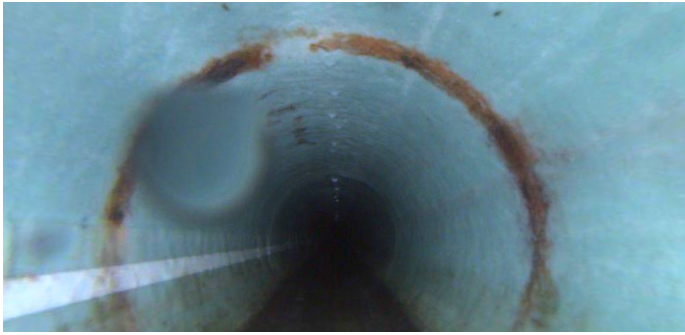
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Code: **MWL**  
Description: **Water Level**



Distance (ft): **103.6**  
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: **IS**  
Description: **Infil Stain**



Distance (ft): **135.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **LFAC**  
Description: **Lining Failure Abandoned Connection**

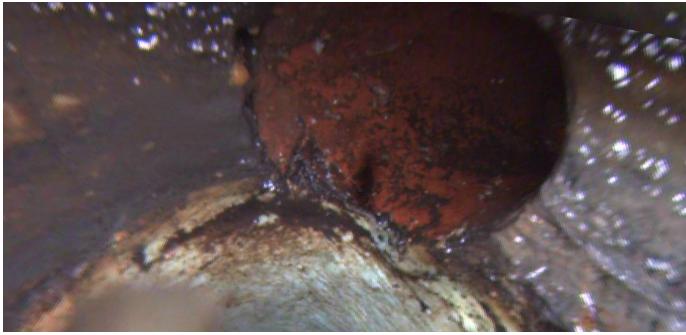


Distance (ft): **167.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **180.0**  
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:  
Remarks:

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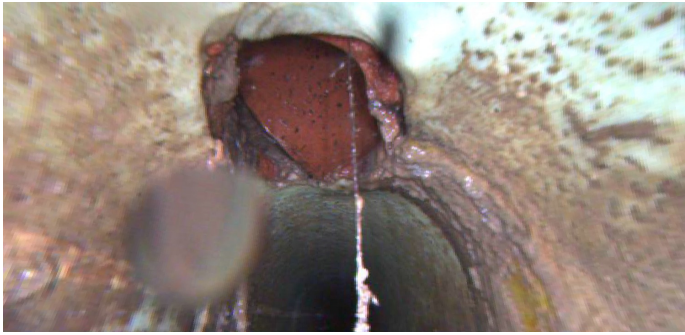
Code: **IS**  
Description: **Infil Stain**



Distance (ft): **206.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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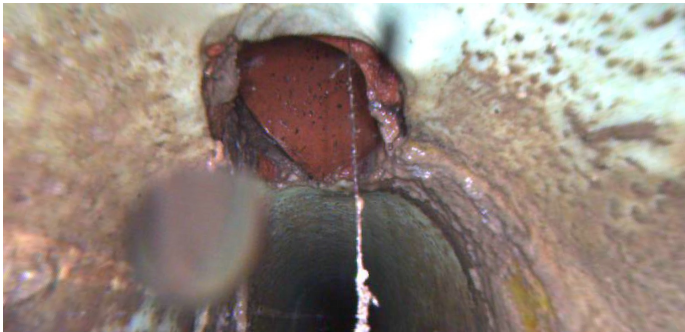
Code: **TBD**  
Description: **Tap Break-in Defective**



Distance (ft): **252.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **roots**

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



Distance (ft): **252.7**  
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: **NO**  
Remarks:

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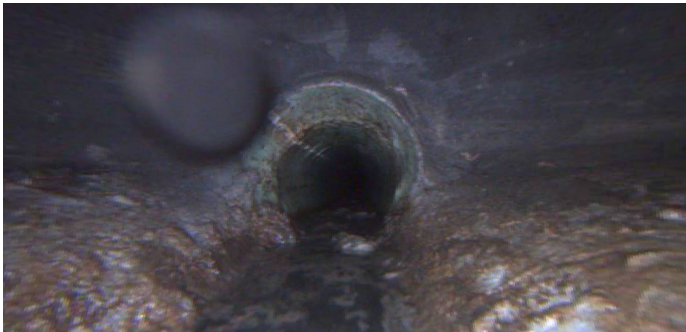
Code: **AMH**  
Description: **Manhole**



Distance (ft): **292.4**  
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: **M-305-038**

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



Distance (ft): **292.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks: **WANDER**