

## Profile/Photo Observation Report

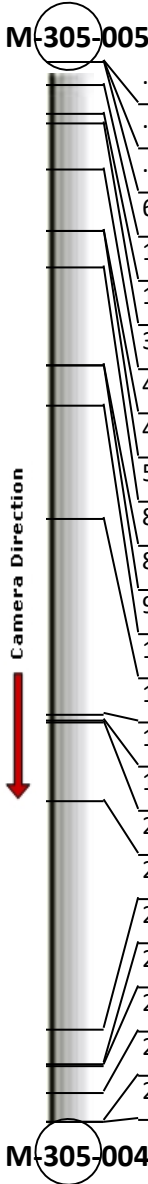


Date:	<b>04/19/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>298.5</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Justin Gonzales</b>	PSR:	<b>P-305-005-004</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>OFF W 49TH AVE</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>PVC</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-305-005</b>	DS MH:	<b>M-305-004</b>
		Total Length Surveyed (ft):	<b>295.0</b>

O&M Index:	<b>2.02</b>	O&M Quick:	<b>322K</b>	O&M Rating:	<b>131.00</b>
Structural Index:	<b>3.00</b>	Structural Quick:	<b>3200</b>	Structural Rating:	<b>6.00</b>
Overall Index:	<b>2.04</b>	Overall Quick:	<b>342K</b>	Overall Rating:	<b>137.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-305-005				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.0	MGO	General Observation	32	NA
	6.3	DAZ(S01)	Deposits Attached Other	56	M 2
	14.5	LFAC	Lining Failure Abandoned Connection	84	NA
	16.9	LFAC	Lining Failure Abandoned Connection	100	NA
	30.1	TF	Tap Factory	138	NA
	47.1	TFA	Tap Factory Active	184	NA
	47.2	ID	Infil Dripper	197	M 3
	57.3	MWLS	Water Level Sag	229	S 3
	84.3	TFD	Tap Factory Defective	296	M 2
	84.3	RFL	Roots Fine Lateral	307	M 1
	95.9	TF	Tap Factory	343	NA
	127.4	DAGS	Deposits Attached Grease	417	M 2
	181.6	TF	Tap Factory	538	NA
	183.1	LFAC	Lining Failure Abandoned Connection	552	NA
	184.1	LFW	Lining Failure Wrinkled	566	S 3
	205.7	TF	Tap Factory	621	NA
	269.6	DAGS	Deposits Attached Grease	760	M 2
	279.1	TB	Tap Break-in	791	NA
	279.4	DAGS	Deposits Attached Grease	803	M 2
	286.8	TF	Tap Factory	830	NA
	295.0	AMH	Manhole	858	NA
	295.0	DAZ(F01)	Deposits Attached Other	869	M 2
	M-305-004				

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-305-005**

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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:

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Code:	<b>MGO</b>
Description:	<b>General Observation</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:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>TOILET TISSUE</b>

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Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>6.3</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>14.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</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>LFAC</b>
Description:	<b>Lining Failure Abandoned Connection</b>
Distance (ft):	<b>16.9</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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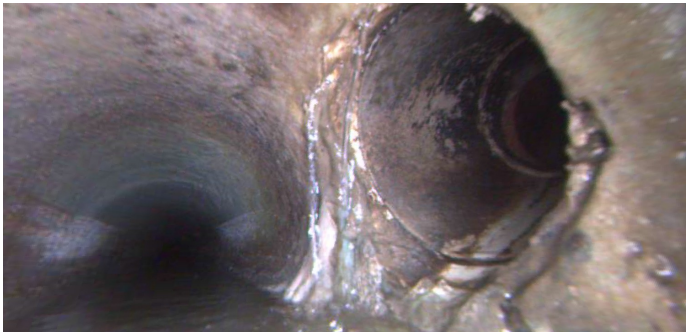
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **30.1**  
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:

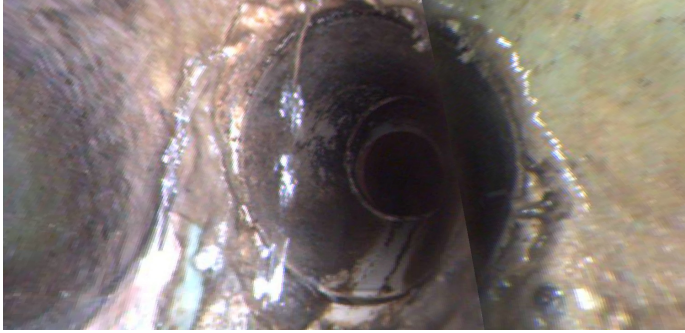
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Code: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **47.1**  
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:

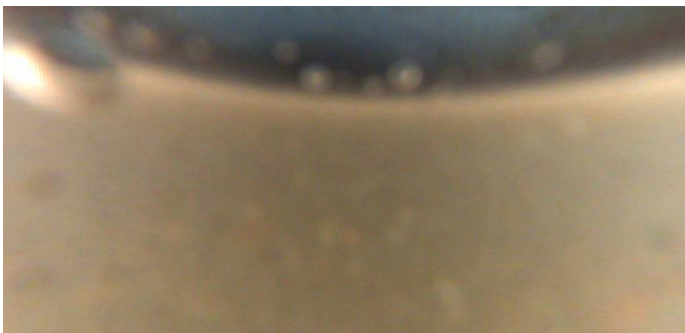
Code: ID  
Description: Infil Dripper



Distance (ft): 47.2  
Structural Grade: 0  
O&M Grade: 3  
Clock Start/From: 12  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: COMING FROM TAP

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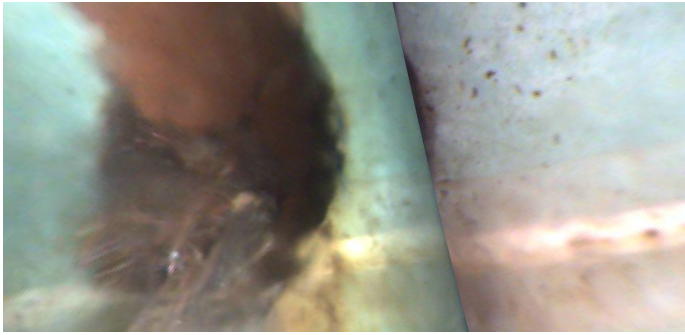
Code: MWLS  
Description: Water Level Sag



Distance (ft): 57.3  
Structural Grade: 3  
O&M Grade: 3  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: 40.000  
Continuous Index:  
Within 8" of Joint: NO  
Remarks:

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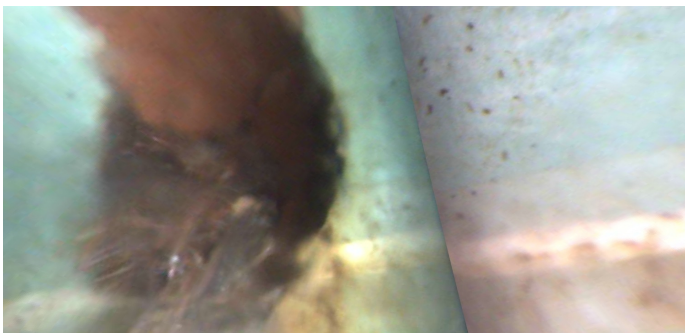
Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **84.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **rfl**

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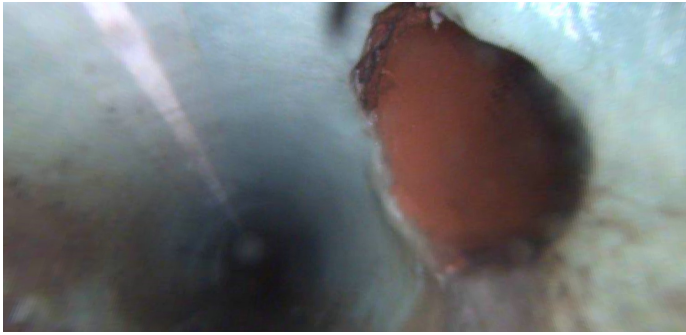
Code: **RFL**  
Description: **Roots Fine Lateral**



Distance (ft): **84.3**  
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:

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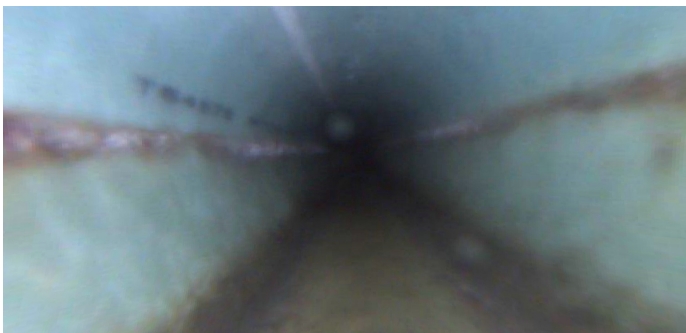
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **95.9**  
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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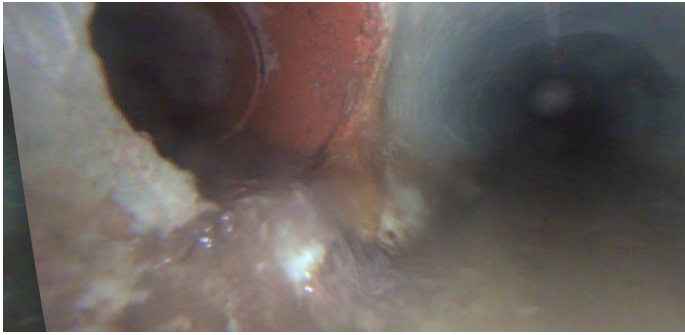
Code: **DAGS**  
Description: **Deposits Attached Grease**



Distance (ft): **127.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **181.6**  
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:

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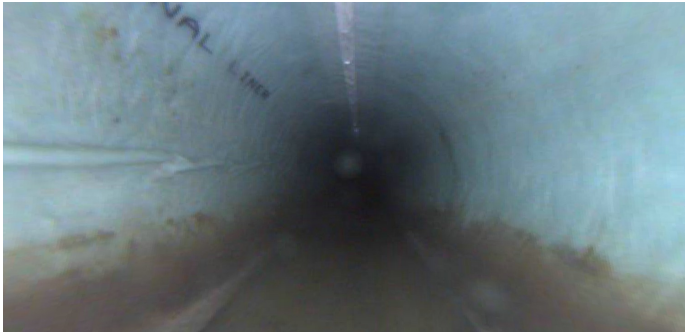
Code: **LFAC**  
Description: **Lining Failure Abandoned Connection**



Distance (ft): **183.1**  
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: **LFW**  
Description: **Lining Failure Wrinkled**



Distance (ft): **184.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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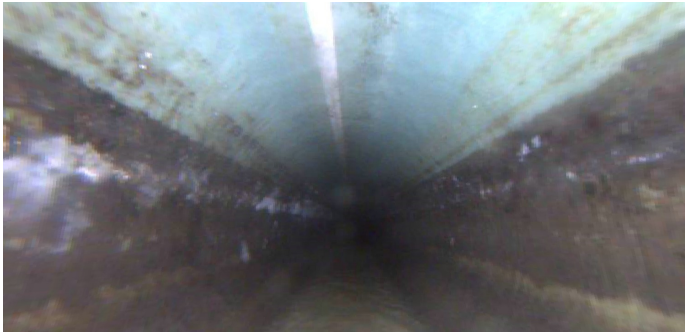
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **205.7**  
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:  
Remarks:

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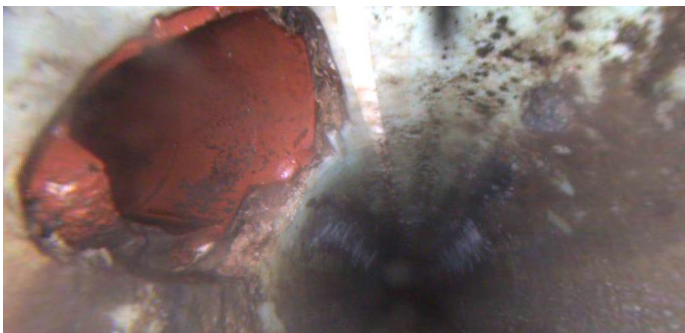
Code: **DAGS**  
Description: **Deposits Attached Grease**



Distance (ft): **269.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

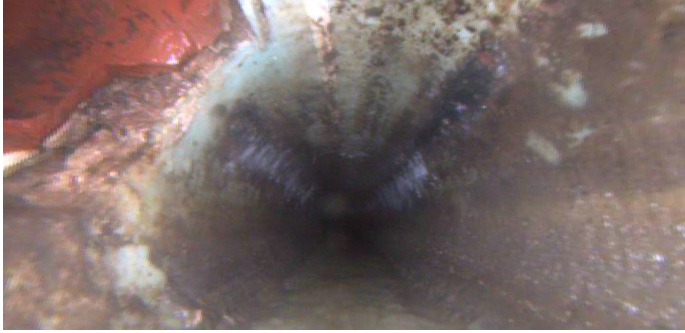


Distance (ft): **279.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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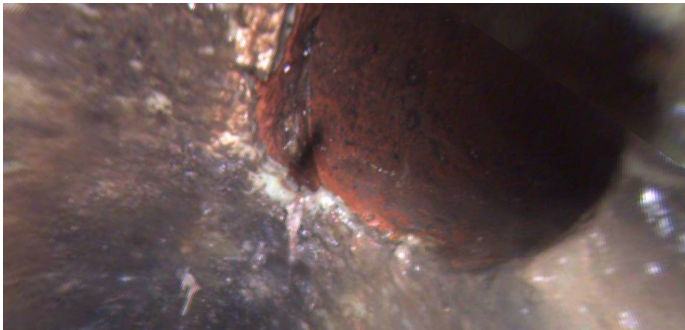
Code: **DAGS**  
Description: **Deposits Attached Grease**



Distance (ft): **279.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **286.8**  
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: **AMH**  
Description: **Manhole**



Distance (ft): **295.0**  
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-305-004**

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



Distance (ft): **295.0**  
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**