

## Profile/Photo Observation Report




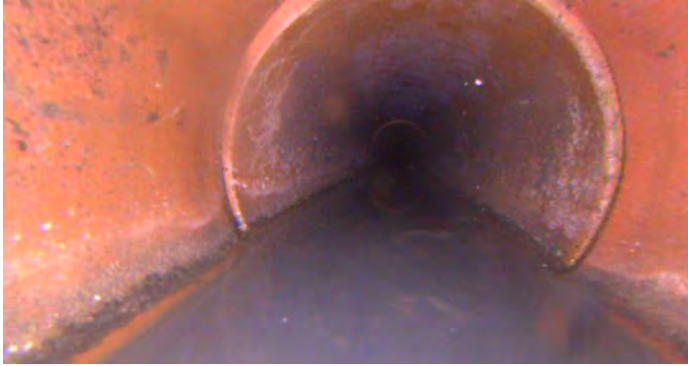
Date:	<b>04/06/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>189.0</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-506-023-010</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>S COLORADO ST</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:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-506-023</b>	DS MH:	<b>M-506-010</b>
		Total Length Surveyed (ft):	<b>185.5</b>

O&M Index:	<b>2.08</b>	O&M Quick:	<b>322A</b>	O&M Rating:	<b>27.00</b>
Structural Index:	<b>2.50</b>	Structural Quick:	<b>3121</b>	Structural Rating:	<b>5.00</b>
Overall Index:	<b>2.13</b>	Overall Quick:	<b>332A</b>	Overall Rating:	<b>32.00</b>

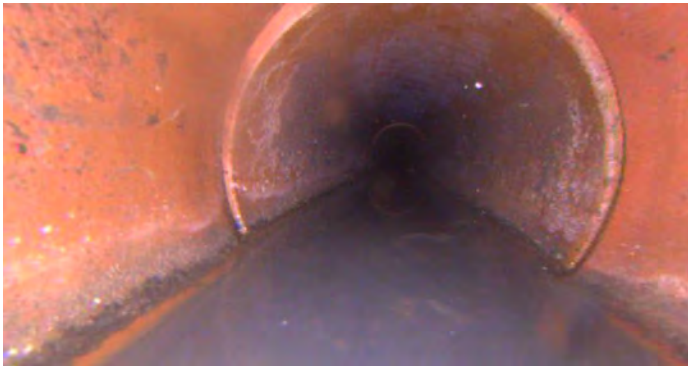
	Position	Code	Observation	Video (sec)	Grade
<b>M-506-010</b>					
 Camera Direction	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	37.5	DAE	Deposits Attached Encrustation	108	M 2
	37.5	ID	Infil Dripper	119	M 3
	41.6	DAZ	Deposits Attached Other	139	M 2
	45.2	DAE	Deposits Attached Encrustation	158	M 2
	46.0	FL	Fracture Longitudinal	171	S 3
	53.8	CL	Crack Longitudinal	199	S 2
	65.9	DAZ	Deposits Attached Other	235	M 2
	74.7	TF	Tap Factory	264	NA
	83.4	MMC	Material Change	294	NA
	86.2	TF	Tap Factory	311	NA
	90.5	MMC	Material Change	332	NA
	105.5	LU	Alignment Up	373	M 1
	119.4	TFD	Tap Factory Defective	413	M 2
	119.4	DAE	Deposits Attached Encrustation	424	M 2
	136.3	ID	Infil Dripper	470	M 3
	136.3	DAE	Deposits Attached Encrustation	481	M 2
	140.6	DAE	Deposits Attached Encrustation	501	M 2
	144.0	DAZ	Deposits Attached Other	520	M 2
	156.5	MMC	Material Change	556	NA
	159.5	TF	Tap Factory	574	NA
	162.1	TF	Tap Factory	592	NA
	162.2	DAGS	Deposits Attached Grease	604	M 2
	165.3	MMC	Material Change	622	NA
	185.5	AMH	Manhole	674	NA
<b>M-506-023</b>					



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-506-010**

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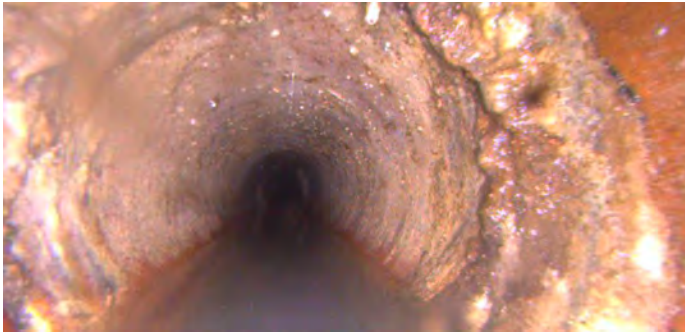


Code: **MWL**  
Description: **Water Level**

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: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **37.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **ID**  
Description: **Infil Dripper**



Distance (ft): **37.5**  
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: **YES**  
Remarks:

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Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>41.6</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:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

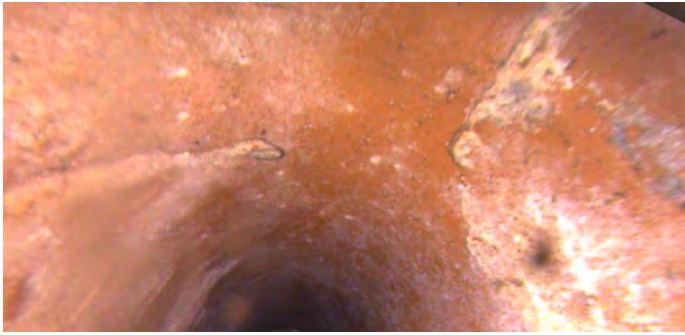
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Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>45.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>9</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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



Distance (ft): **46.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **53.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>65.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>4</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>74.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

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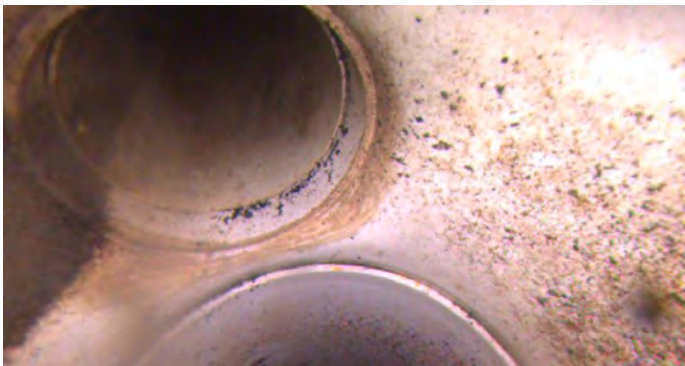
Code: **MMC**  
Description: **Material Change**



Distance (ft): **83.4**  
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: **pvc**

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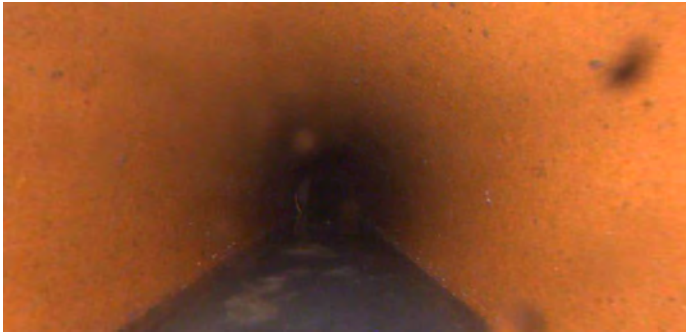
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **86.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **MMC**  
Description: **Material Change**



Distance (ft): **90.5**  
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: **VCP**

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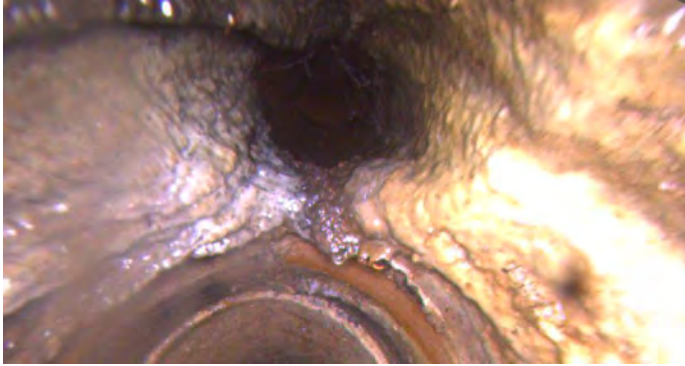
Code: **LU**  
Description: **Alignment Up**



Distance (ft): **105.5**  
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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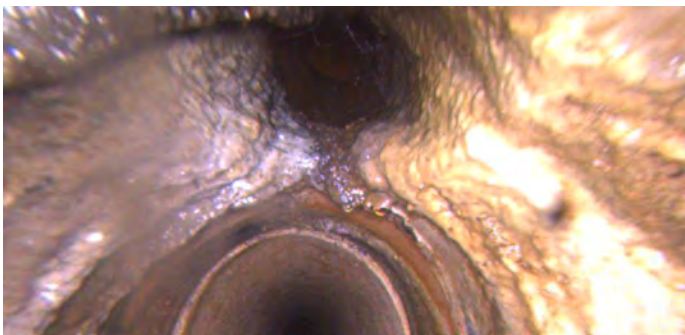
Code: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **119.4**  
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: **DAE**

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Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **119.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: ID  
Description: Infil Dripper



Distance (ft): 136.3  
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: YES  
Remarks:

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Code: DAE  
Description: Deposits Attached Encrustation



Distance (ft): 136.3  
Structural Grade: 0  
O&M Grade: 2  
Clock Start/From: 8  
Clock To: 4  
1st Value:  
2nd Value:  
Value Percent: 10.000  
Continuous Index:  
Within 8" of Joint: YES  
Remarks:

Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **140.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **144.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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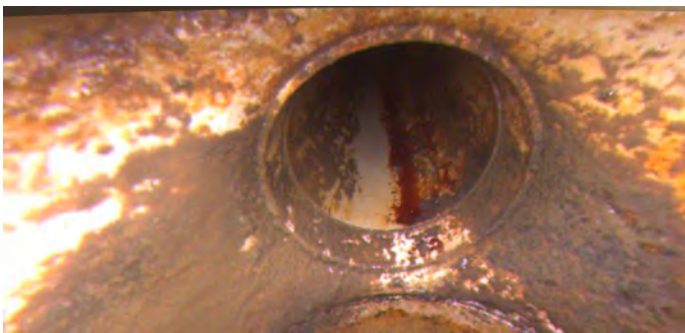
Code: **MMC**  
Description: **Material Change**



Distance (ft): **156.5**  
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: **pvc**

---

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



Distance (ft): **159.5**  
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:

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



Distance (ft): **162.1**  
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:

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



Distance (ft): **162.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

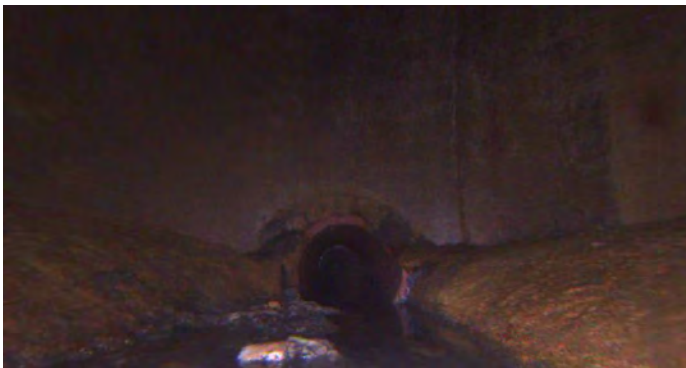
Code: **MMC**  
Description: **Material Change**



Distance (ft): **165.3**  
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: **VCP**

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



Distance (ft): **185.5**  
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-506-023**