

## Profile/Photo Observation Report



Date:	<b>04/22/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>107.4</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-604-104-103</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>ALLEY BETWEEN N WISCONSIN ST &amp;</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Light Highway</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>12"</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>Downstream</b>
US MH:	<b>M-604-104</b>	DS MH:	<b>M-604-103</b>
		Total Length Surveyed (ft):	<b>112.5</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>3123</b>	O&M Rating:	<b>10.00</b>
Structural Index:	<b>2.75</b>	Structural Quick:	<b>3321</b>	Structural Rating:	<b>11.00</b>
Overall Index:	<b>2.33</b>	Overall Quick:	<b>3424</b>	Overall Rating:	<b>21.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-604-104</b>					
<div>Camera Direction</div>	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	22	NA
	8.8	TB	Tap Break-in	51	NA
	11.4	DAZ	Deposits Attached Other	68	M 3
	13.6	DAZ	Deposits Attached Other	84	M 2
	19.6	DAZ	Deposits Attached Other	108	M 2
	20.9	TFC	Tap Factory Capped	122	NA
	27.8	DAZ	Deposits Attached Other	147	M 2
	29.7	RFJ(S01)	Roots Fine Joint	163	M 1
	33.9	CM	Crack Multiple	183	S 3
	36.0	RFJ(F01)	Roots Fine Joint	199	M 1
	44.8	TF	Tap Factory	228	NA
	51.7	TFC	Tap Factory Capped	254	NA
	80.2	TB	Tap Break-in	324	NA
	82.4	CL	Crack Longitudinal	340	S 2
	95.5	CM	Crack Multiple	378	S 3
	102.5	TFC	Tap Factory Capped	404	NA
	103.7	CM	Crack Multiple	418	S 3
	112.5	AMH	Manhole	447	NA
<b>M-604-103</b>					

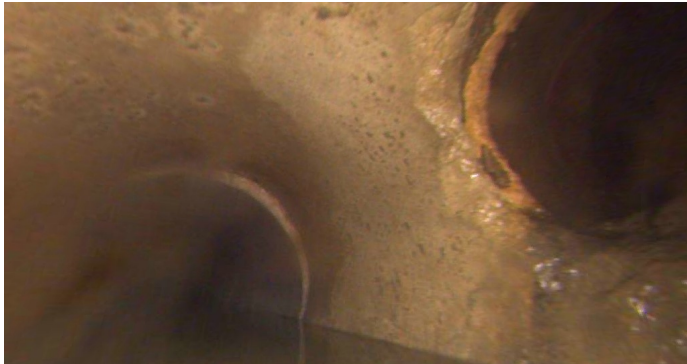


Code: **AMH**  
 Description: **Manhole**  
  
 Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **M-604-104**



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

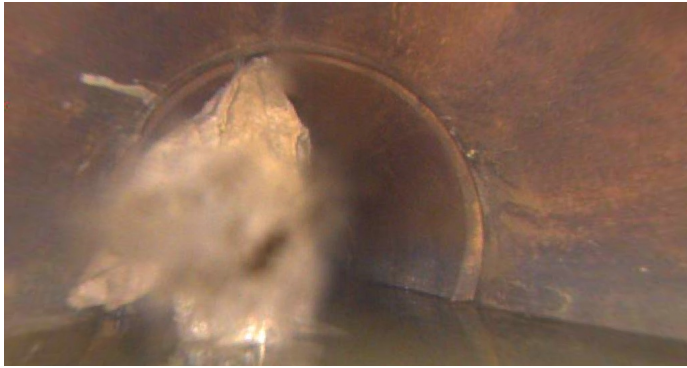
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **8.8**  
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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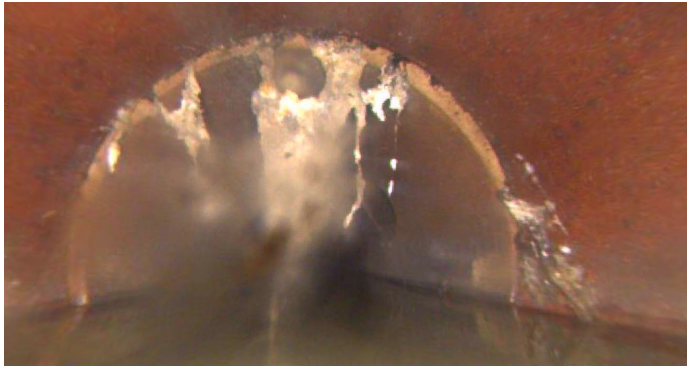
Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>11.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>15.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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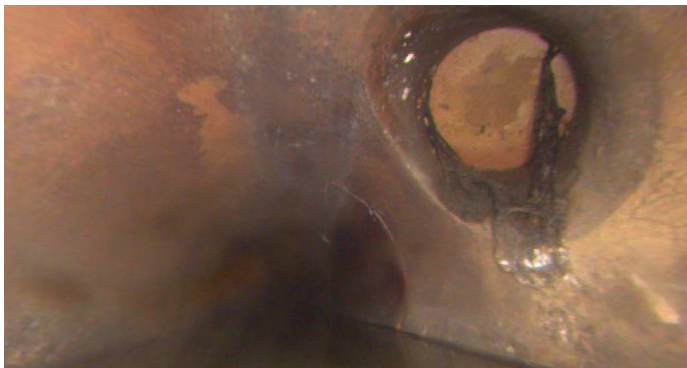
Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>13.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>2</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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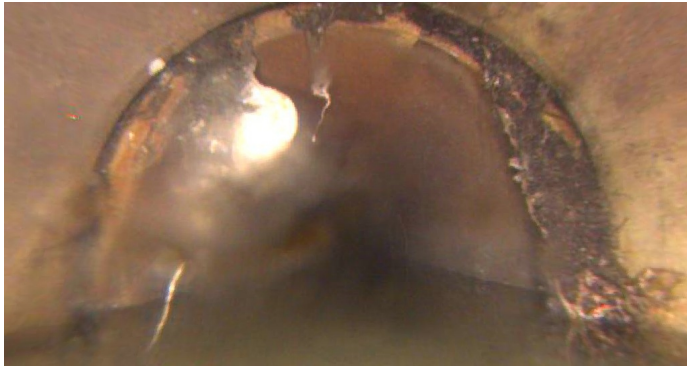
Code:	DAZ
Description:	Deposits Attached Other
Distance (ft):	19.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

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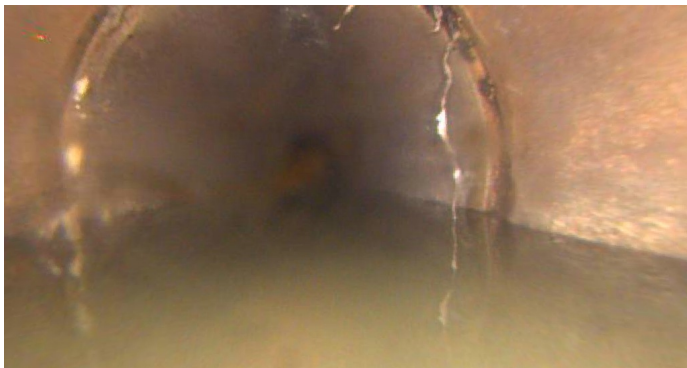
Code:	TFC
Description:	Tap Factory Capped
Distance (ft):	20.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

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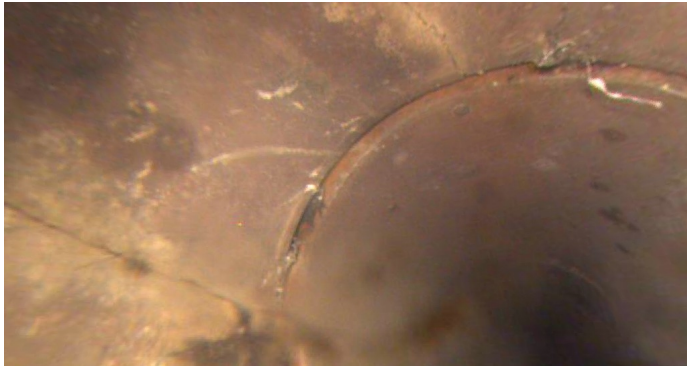
Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>27.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>29.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

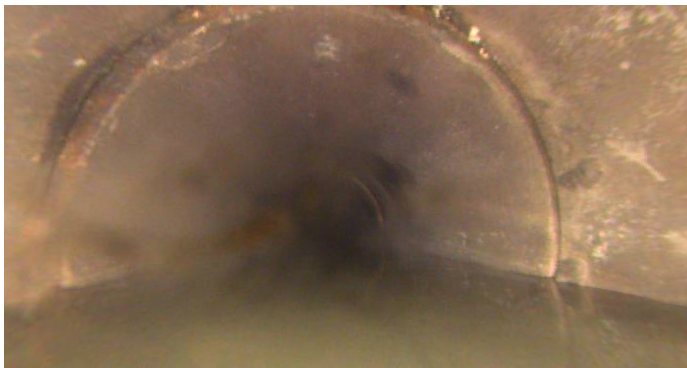
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Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **33.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

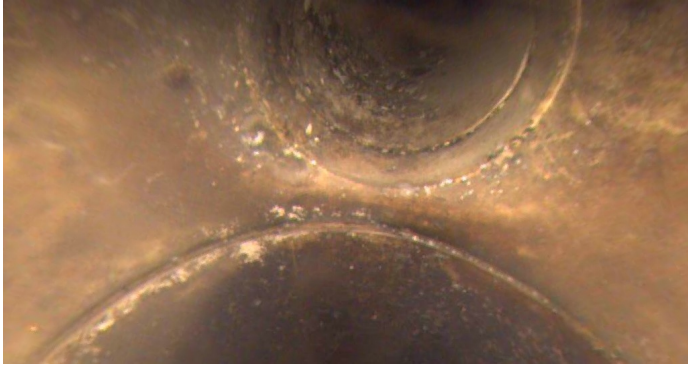
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Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **36.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **44.8**  
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:

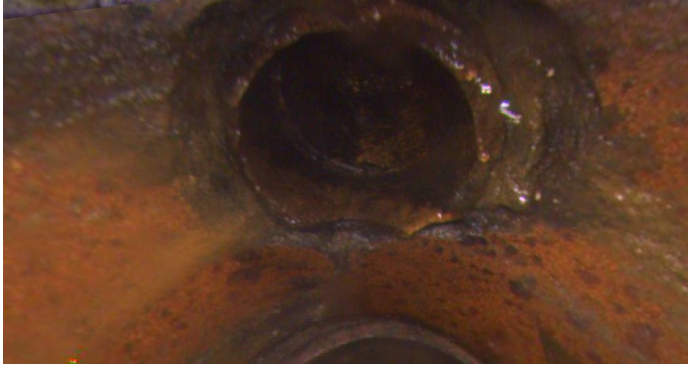
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Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **51.7**  
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:

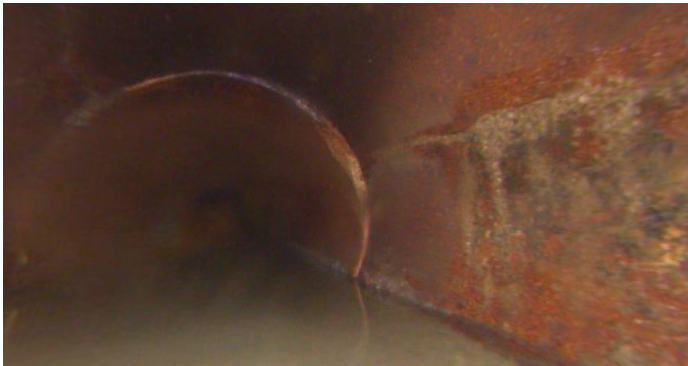
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Code: **TB**  
Description: **Tap Break-in**

Distance (ft): **80.2**  
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: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **82.4**  
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:

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

Distance (ft): **95.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **102.5**  
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: **CM**  
Description: **Crack Multiple**

Distance (ft): **103.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:



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

Distance (ft): **112.5**  
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-604-103**