


## Profile/Photo Observation Report



Date:	<b>04/26/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>157.7</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-605-037-036</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>S PENNSYLVANIA ST</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Other</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:	<b>Flow direction wrong. Manhole found.</b>		
Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-605-036</b>	DS MH:	<b>M-605-037</b>
		Total Length Surveyed (ft):	<b>217.9</b>

O&M Index:	<b>1.18</b>	O&M Quick:	<b>2219</b>	O&M Rating:	<b>13.00</b>
Structural Index:	<b>3.94</b>	Structural Quick:	<b>4E21</b>	Structural Rating:	<b>130.00</b>
Overall Index:	<b>3.25</b>	Overall Quick:	<b>4E23</b>	Overall Rating:	<b>143.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-605-037</b>					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.8	FM	Fracture Multiple	34	S 4
	5.7	FM(S01)	Fracture Multiple	56	S 4
	23.7	TF	Tap Factory	105	NA
	31.8	TF	Tap Factory	134	NA
	47.6	FM(F01)	Fracture Multiple	179	S 4
	51.4	CL	Crack Longitudinal	203	S 2
	57.1	FM(S02)	Fracture Multiple	230	S 4
	59.0	TF	Tap Factory	248	NA
	61.1	TF	Tap Factory	264	NA
	71.4	DAZ	Deposits Attached Other	298	M 2
	91.0	TB	Tap Break-in	353	NA
	91.8	TB	Tap Break-in	371	NA
	101.7	TF	Tap Factory	406	NA
	101.7	DAZ	Deposits Attached Other	417	M 2
	103.8	TF	Tap Factory	437	NA
	118.6	TF	Tap Factory	482	NA
	120.5	TF	Tap Factory	501	NA
	122.8	TB	Tap Break-in	521	NA
	173.5	FM(F02)	Fracture Multiple	638	S 4
	173.5	RFJ	Roots Fine Joint	649	M 1
	177.6	RFJ(S03)	Roots Fine Joint	673	M 1
	187.1	TB	Tap Break-in	707	NA
	187.1	TF	Tap Factory	719	NA
	215.6	RFJ(F03)	Roots Fine Joint	792	M 1
	217.9	AMH	Manhole	812	NA
<b>M-605-036</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-605-037**

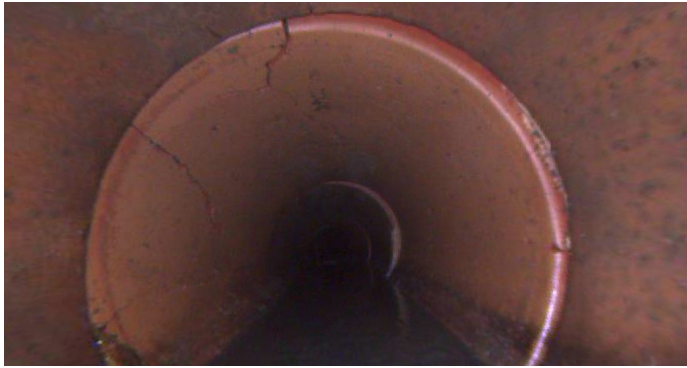
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Code: **MWL**  
Description: **Water Level**

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: **FM**  
Description: **Fracture Multiple**

Distance (ft): **.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **5.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **23.7**  
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:

---



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

Distance (ft): **31.8**  
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:

---



Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **47.6**  
Structural Grade: **4**  
O&M Grade: **0**  
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: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **51.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

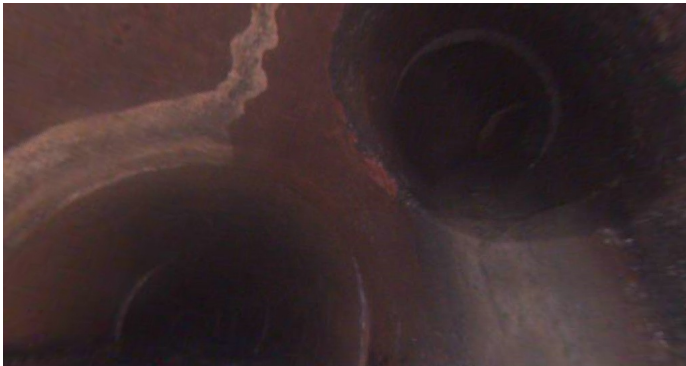
---



Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **57.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint:  
Remarks:

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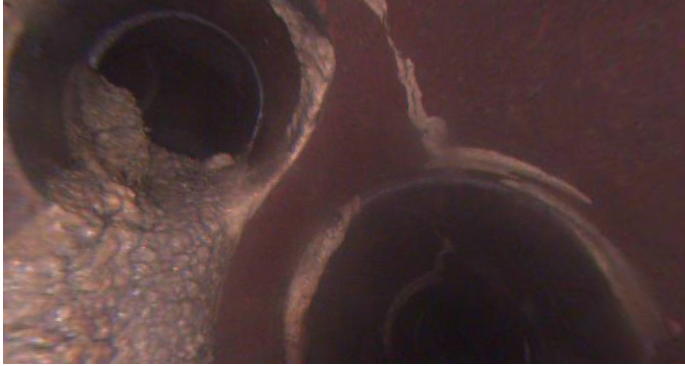
Code: **TF**  
Description: **Tap Factory**

Distance (ft): **59.0**  
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:

---



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



Distance (ft): **61.1**  
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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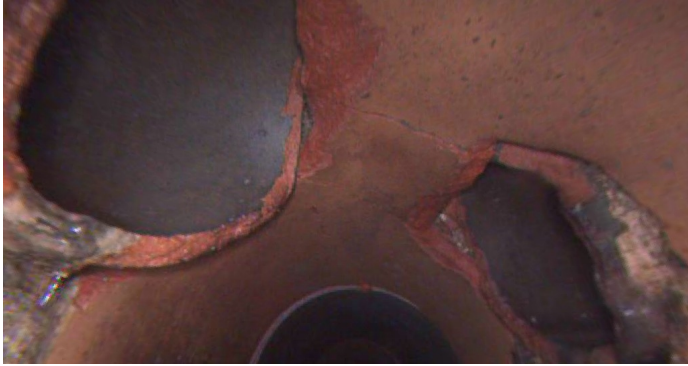
Code: **DAZ**  
Description: **Deposits Attached Other**



Distance (ft): **71.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **91.0**  
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:

---



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

Distance (ft): **91.8**  
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:

---



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

Distance (ft): **101.7**  
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:

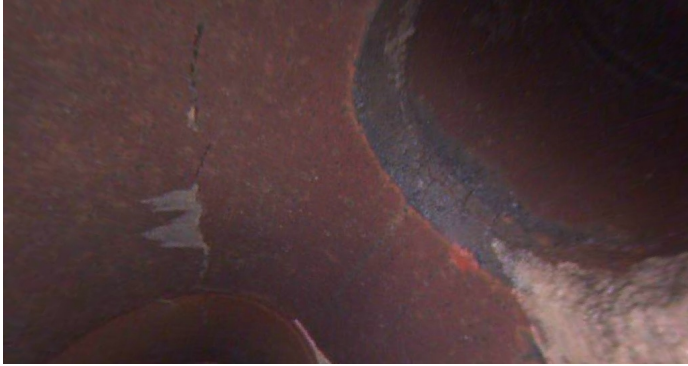
---



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

Distance (ft): **101.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

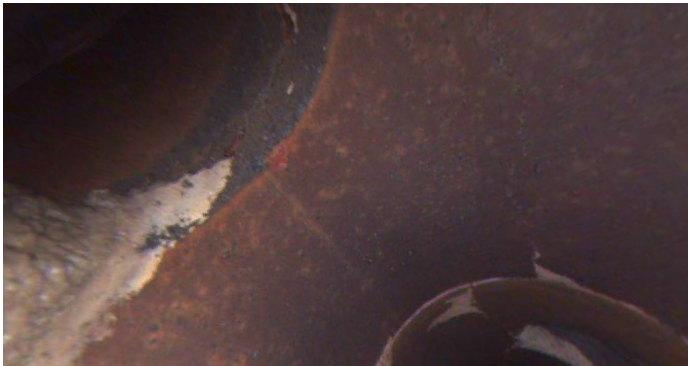
---



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

Distance (ft): **103.8**  
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:

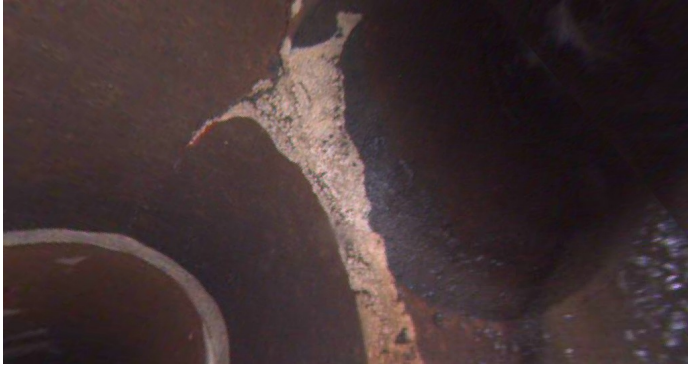
---



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

Distance (ft): **118.6**  
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: **TF**  
Description: **Tap Factory**

Distance (ft): **120.5**  
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: **TB**  
Description: **Tap Break-in**

Distance (ft): **122.8**  
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: **FM**  
Description: **Fracture Multiple**

Distance (ft): **173.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint:  
Remarks:

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

Distance (ft): **173.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
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): **177.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **187.1**  
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:

---

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



Distance (ft): **187.1**  
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: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **215.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

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Code:	AMH
Description:	Manhole
Distance (ft):	217.9
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-605-036