

## Profile/Photo Observation Report

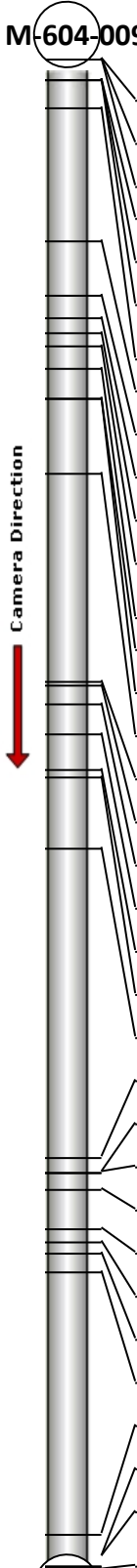


Date:	<b>04/23/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>200.2</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-604-009-008</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>Beverly Blvd.</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>8"</b>
Use:	<b>Sanitary</b>	Material:	<b>CP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-604-008</b>	DS MH:	<b>M-604-009</b>
		Total Length Surveyed (ft):	<b>182.2</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>2D00</b>	O&M Rating:	<b>50.00</b>
Structural Index:	<b>2.98</b>	Structural Quick:	<b>433F</b>	Structural Rating:	<b>137.00</b>
Overall Index:	<b>2.63</b>	Overall Quick:	<b>433F</b>	Overall Rating:	<b>187.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-604-009</b>					
	.0	AMH	Manhole	11	NA
	.0	MWL	Water Level	22	NA
	.0	SAP(S01)	Surface Aggregate Projecting	35	S 3
	3.9	TFD	Tap Factory Defective	58	M 2
	3.9	DAGS	Deposits Attached Grease	70	M 2
	3.9	MGO	General Observation	81	NA
	5.9	IS	Infil Stain	96	NA
	23.4	FM	Fracture Multiple	143	S 4
	29.9	DAE	Deposits Attached Encrustation	167	M 2
	32.6	FC	Fracture Circumferential	184	S 2
	34.3	TF	Tap Factory	199	NA
	36.1	DAE	Deposits Attached Encrustation	214	M 2
	37.3	TF	Tap Factory	228	NA
	42.3	DAE(S02)	Deposits Attached Encrustation	249	M 2
	42.3	IS(S03)	Infil Stain	260	NA
	51.3	FC	Fracture Circumferential	290	S 2
	76.4	TBI	Tap Break-in Intruding	352	M 2
	76.9	FS	Fracture Spiral	365	S 3
	79.3	TFA	Tap Factory Active	382	NA
	82.9	TFC	Tap Factory Capped	401	NA
	87.1	FC	Fracture Circumferential	421	S 2
	88.0	FM	Fracture Multiple	435	S 4
	96.7	FL	Fracture Longitudinal	464	S 3
	134.1	FC	Fracture Circumferential	550	S 2
	135.7	IS(F03)	Infil Stain	565	NA
	135.7	DAE(F02)	Deposits Attached Encrustation	576	M 2
	137.9	FM	Fracture Multiple	592	S 4
	142.7	TF	Tap Factory	614	NA
	144.1	IW	Infil Weeper	629	M 2
	145.6	TFA	Tap Factory Active	644	NA
	147.7	IS(S04)	Infil Stain	659	NA
	179.5	FL	Fracture Longitudinal	736	S 3
	182.2	SAP(F01)	Surface Aggregate Projecting	757	S 3
	182.2	IS(F04)	Infil Stain	768	NA
	182.2	MSA	Abandoned Survey	780	NA
<b>M-604-008</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-604-009**

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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: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **SAP**  
Description: **Surface Aggregate Projecting**



Distance (ft): **.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint:  
Remarks:

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

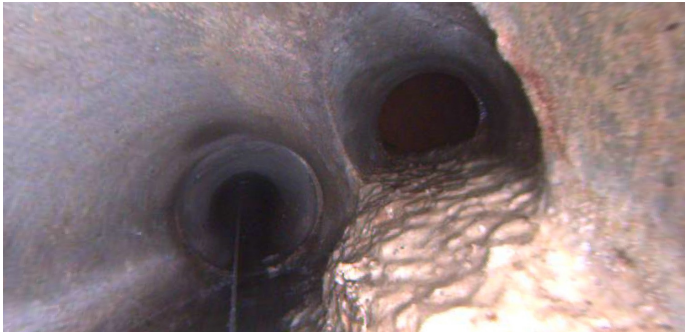


Distance (ft): **3.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **DAGS**

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



Distance (ft): **3.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

Code: **MGO**  
Description: **General Observation**



Distance (ft): **3.9**  
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: **REAR CAMERA**

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



Distance (ft): **5.9**  
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: **YES**  
Remarks:

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



Distance (ft): **23.4**  
Structural Grade: **4**  
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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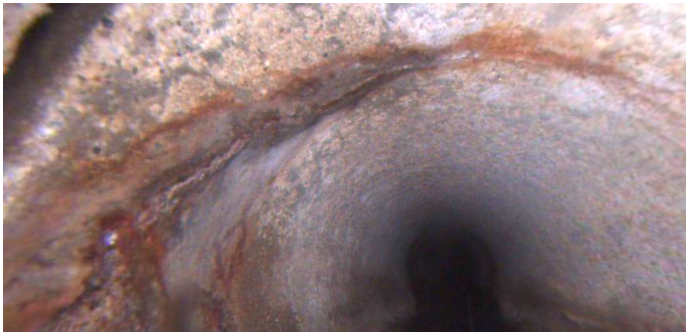
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **29.9**  
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:

---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **32.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **34.3**  
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: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **36.1**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **37.3**  
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: **DAE**  
Description: **Deposits Attached Encrustation**

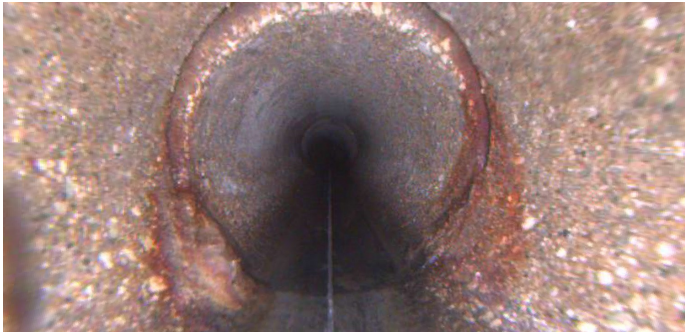


Distance (ft): **42.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **42.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **51.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **76.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **76.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **79.3**  
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: **TFC**  
Description: **Tap Factory Capped**



Distance (ft): **82.9**  
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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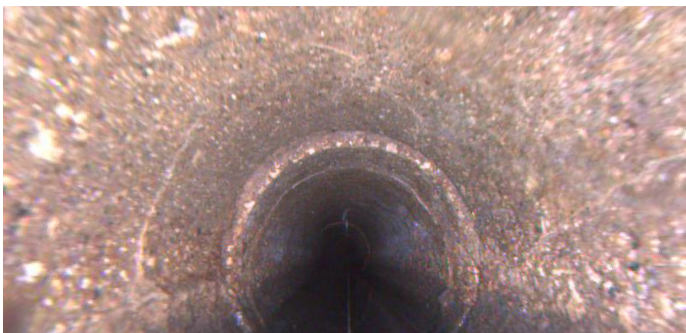
Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **87.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **88.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **96.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **134.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
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: **F03**  
Within 8" of Joint: **YES**  
Remarks:

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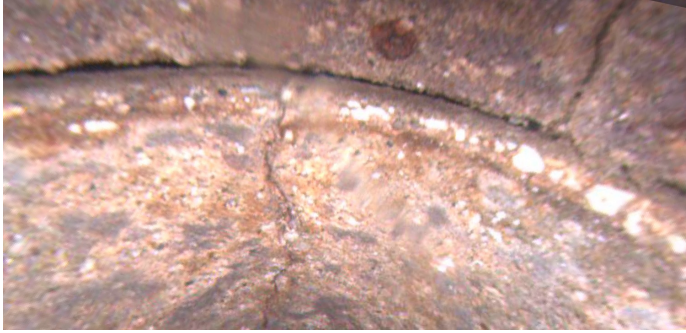
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **135.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **137.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

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

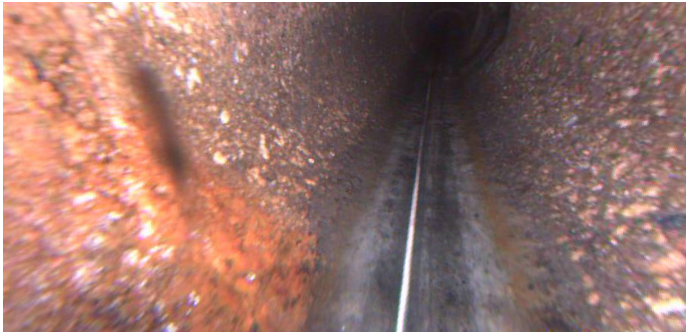


Distance (ft): **142.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **144.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **145.6**  
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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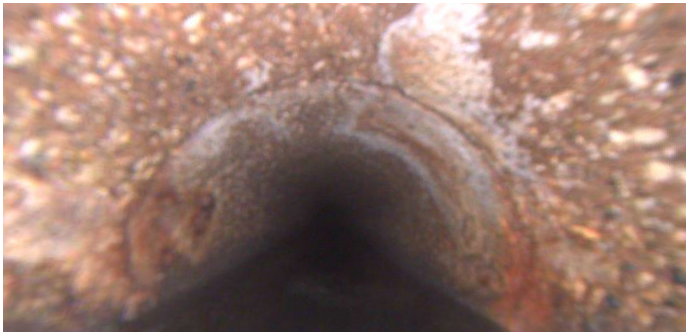
Code: **IS**  
Description: **Infil Stain**



Distance (ft): **147.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks:

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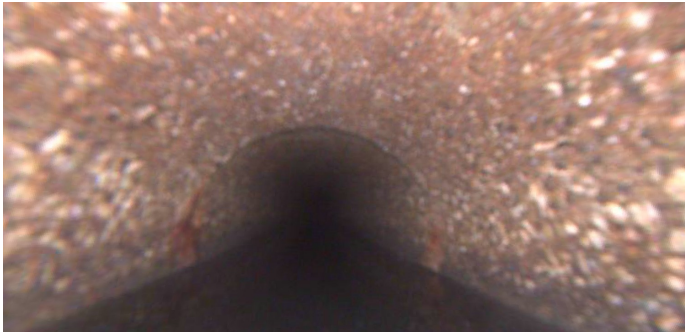
Code: **FL**  
Description: **Fracture Longitudinal**



Distance (ft): **179.5**  
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: **SAP**  
Description: **Surface Aggregate Projecting**



Distance (ft): **182.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **182.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>MSA</b>
Description:	<b>Abandoned Survey</b>
Distance (ft):	<b>182.2</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>UNKNOWN</b>