

## Profile/Photo Observation Report

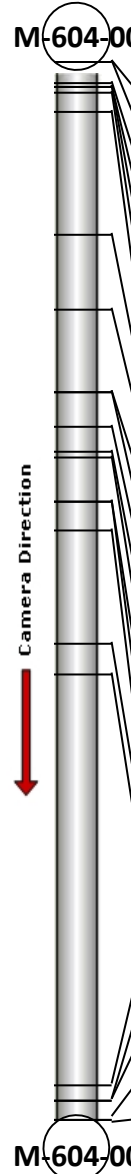


Date:	<b>04/23/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>281.7</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Jen Costello</b>	PSR:	<b>P-604-008-007</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

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>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-604-007</b>	DS MH:	<b>M-604-008</b>
		Total Length Surveyed (ft):	<b>129.4</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>2600</b>	O&M Rating:	<b>12.00</b>
Structural Index:	<b>2.80</b>	Structural Quick:	<b>3C25</b>	Structural Rating:	<b>70.00</b>
Overall Index:	<b>2.65</b>	Overall Quick:	<b>3C2A</b>	Overall Rating:	<b>82.00</b>

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p> <p>↓</p>	M-604-008				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	2.5	TBI	Tap Break-in Intruding	38	M 2
	3.6	DAE	Deposits Attached Encrustation	52	M 2
	3.6	FS	Fracture Spiral	63	S 3
	4.2	TBI	Tap Break-in Intruding	76	M 2
	6.2	DAE	Deposits Attached Encrustation	91	M 2
	21.5	FC	Fracture Circumferential	133	S 2
	30.6	FC	Fracture Circumferential	162	S 2
	40.3	MMC	Material Change	192	NA
	40.3	SAP(S01)	Surface Aggregate Projecting	203	S 3
	45.0	IS(S02)	Infil Stain	223	NA
	48.1	FC	Fracture Circumferential	240	S 2
	48.8	FL	Fracture Longitudinal	252	S 3
	53.6	TF	Tap Factory	275	NA
	53.6	TB	Tap Break-in	285	NA
	57.2	FC	Fracture Circumferential	305	S 2
	71.5	IS(F02)	Infil Stain	344	NA
	75.3	FC	Fracture Circumferential	363	S 2
	125.4	TFA	Tap Factory Active	476	NA
	127.4	TFD	Tap Factory Defective	493	M 2
	127.4	DAE	Deposits Attached Encrustation	503	M 2
	129.4	SAP(F01)	Surface Aggregate Projecting	517	S 3
	129.4	MSA	Abandoned Survey	527	NA
	M-604-007				

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-604-008**

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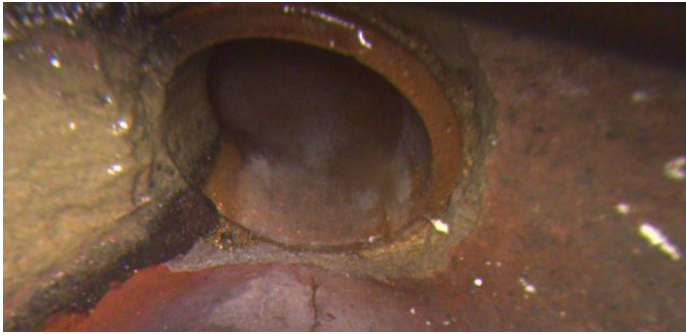
Code: **MWL**  
Description: **Water Level**



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



Distance (ft): **2.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **3.6**  
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: **FS**  
Description: **Fracture Spiral**



Distance (ft): **3.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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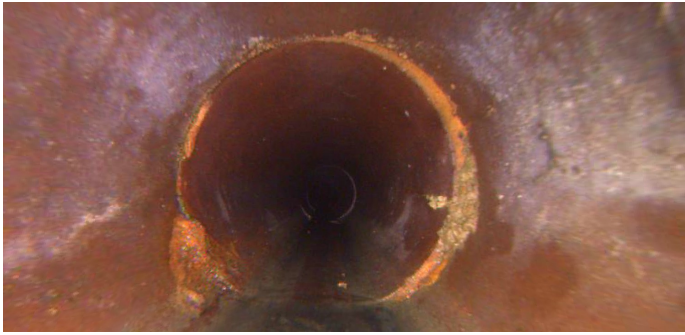
Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **4.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **6.2**  
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: **YES**  
Remarks:

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



Distance (ft): **21.5**  
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: **YES**  
Remarks:

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



Distance (ft): **30.6**  
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: **YES**  
Remarks:

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



Distance (ft): **40.3**  
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: **cp**

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



Distance (ft): **40.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **45.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **48.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **48.8**  
Structural Grade: **3**  
O&M Grade: **0**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **53.6**  
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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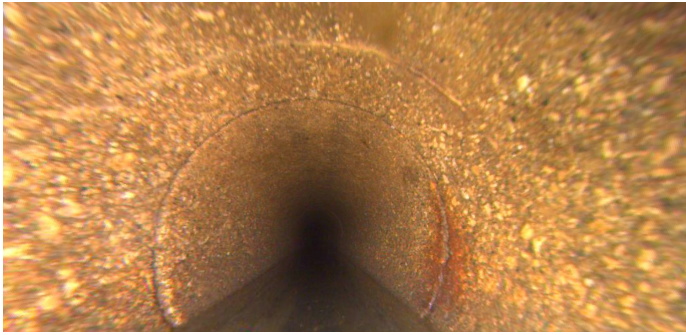
Code: **TB**  
Description: **Tap Break-in**



Distance (ft): **53.6**  
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: **FC**  
Description: **Fracture Circumferential**



Distance (ft): **57.2**  
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:

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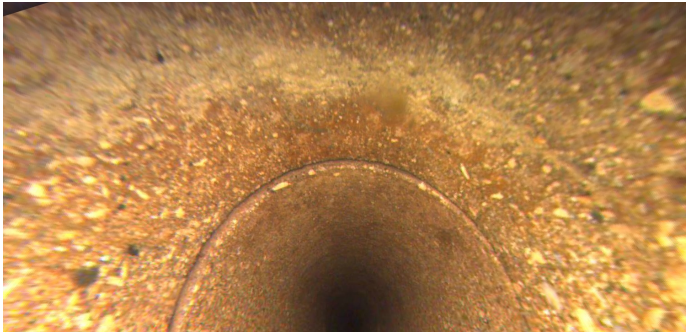
Code: **IS**  
Description: **Infil Stain**



Distance (ft): **71.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **75.3**  
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:

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



Distance (ft): **125.4**  
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: **TFD**  
Description: **Tap Factory Defective**



Distance (ft): **127.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks: **dae**

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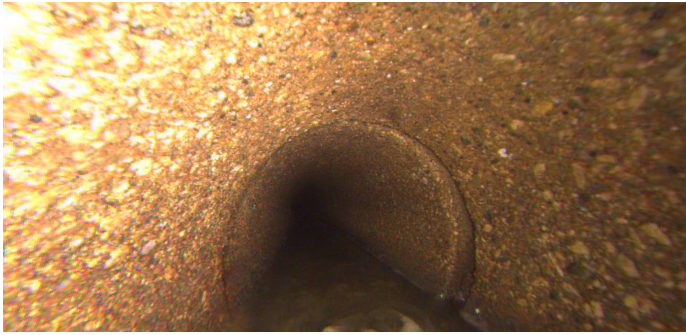
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **127.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **4**  
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): **129.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint:  
Remarks:

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Code: **MSA**  
Description: **Abandoned Survey**



Distance (ft): **129.4**  
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: **debris under water**