

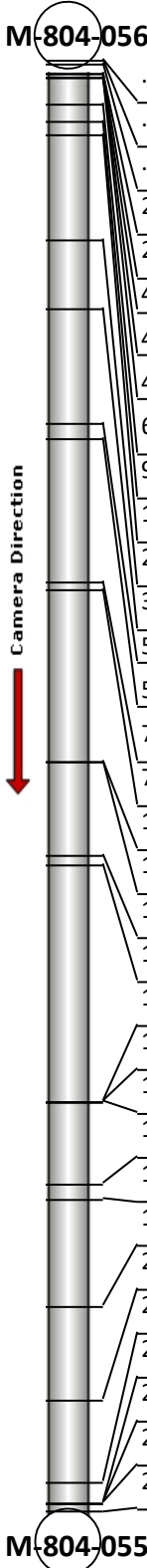
## Profile/Photo Observation Report

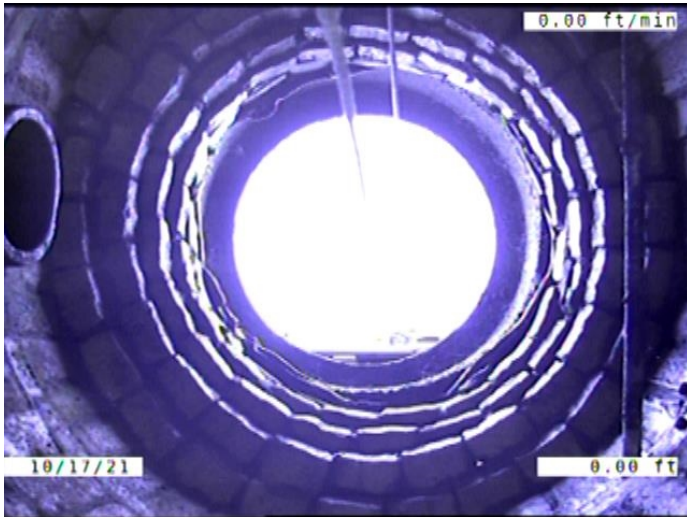


Date:	<b>10/17/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>216.9</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-804-056-055</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/13/2021</b>	Shape:	<b>C</b>

Street:	<b>North Kelly Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Local rural streets with light traffic, t</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-804-056</b>	DS MH:	<b>M-804-055</b>
		Total Length Surveyed (ft):	<b>216.9</b>

O&M Index:	<b>2.07</b>	O&M Quick:	<b>4134</b>	O&M Rating:	<b>180.00</b>
Structural Index:	<b>3.90</b>	Structural Quick:	<b>4H31</b>	Structural Rating:	<b>195.00</b>
Overall Index:	<b>2.74</b>	Overall Quick:	<b>4H35</b>	Overall Rating:	<b>375.00</b>

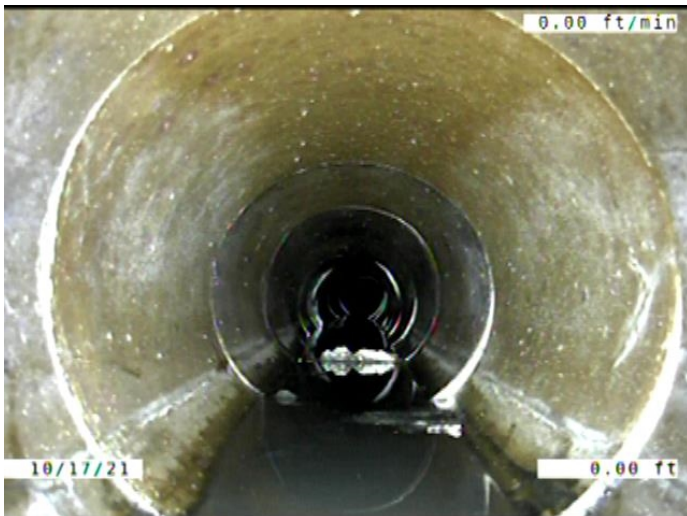
	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	64	NA
	.5	DSF(S01)	Deposits Settled Fine	83	M 2
	2.0	CL	Crack Longitudinal	131	S 2
	2.0	CS	Crack Spiral	149	S 2
	4.2	DAGS	Deposits Attached Grease	193	M 2
	4.2	B	Broken	220	S 4
	4.2	CM	Crack Multiple	255	S 3
	6.6	FM(S02)	Fracture Multiple	329	S 4
	9.1	TF	Tap Factory	359	NA
	11.2	TF	Tap Factory	394	NA
	27.0	DAE(S03)	Deposits Attached Encrustation	476	M 2
	37.2	B	Broken	537	S 4
	56.1	TF	Tap Factory	615	NA
	58.4	TF	Tap Factory	642	NA
	78.0	B	Broken	765	S 4
	79.1	TB	Tap Break-in/Hammer	785	NA
	104.8	TF	Tap Factory	897	NA
	104.8	B	Broken	908	S 4
	118.9	TFD	Tap Factory Defective	973	M 3
	120.4	IRJ	Infiltration Runner Joint	1018	M 4
	155.8	TF	Tap Factory	1197	NA
	155.8	DAR	Deposits Attached Ragging	1209	M 3
	155.8	B	Broken	1214	S 4
	167.9	TFD	Tap Factory Defective	1348	M 3
	170.2	TB	Tap Break-in/Hammer	1381	NA
	186.4	MWL	Miscellaneous Water Level	1498	NA
	200.4	TFD	Tap Factory Defective	1687	M 3
	212.6	TF	Tap Factory	1948	NA
	215.7	DAE(F03)	Deposits Attached Encrustation	1973	M 2
	215.7	DSF(F01)	Deposits Settled Fine	1987	M 2
	215.7	FM(F02)	Fracture Multiple	1994	S 4
	216.9	AMH	Manhole	2076	NA
M-804-055					



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-804-056**

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

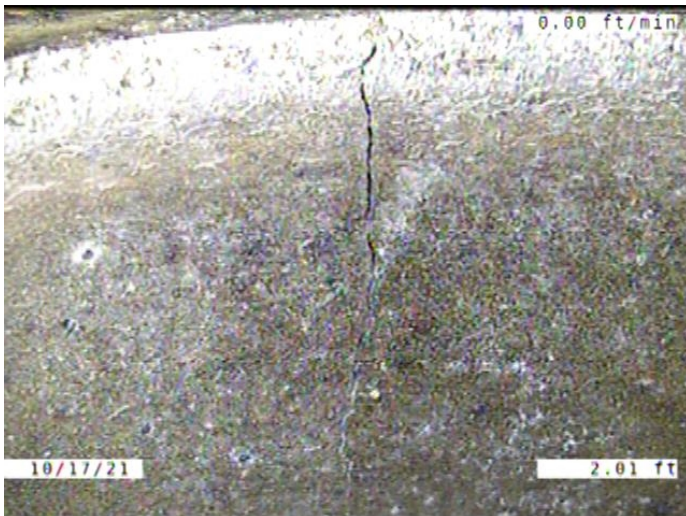
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **DSF**  
 Description: **Deposits Settled Fine**

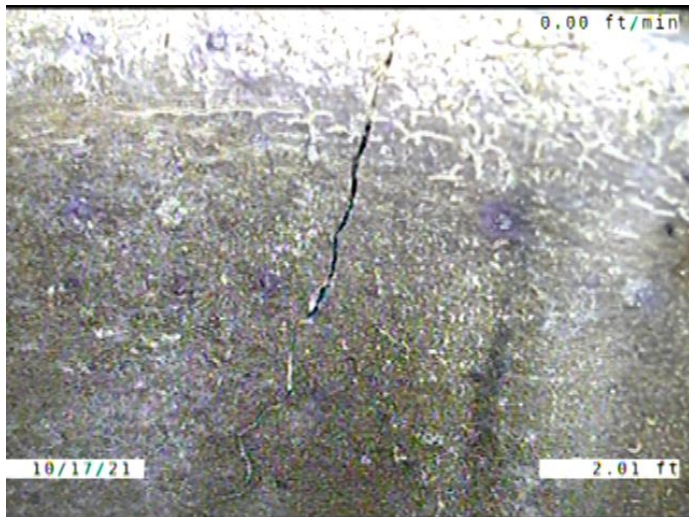
Distance (ft): **.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

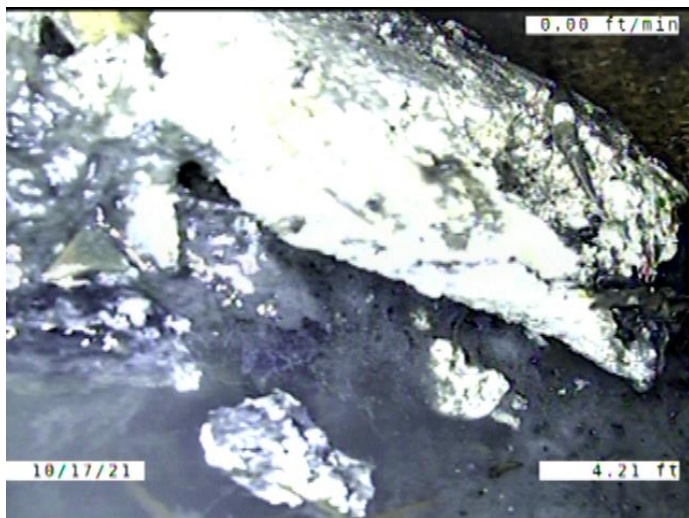
Distance (ft): **2.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





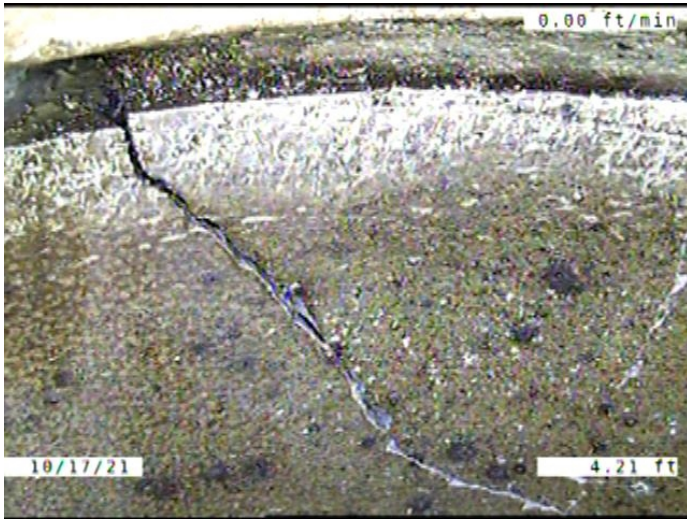
Code: **CS**  
 Description: **Crack Spiral**

Distance (ft): **2.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

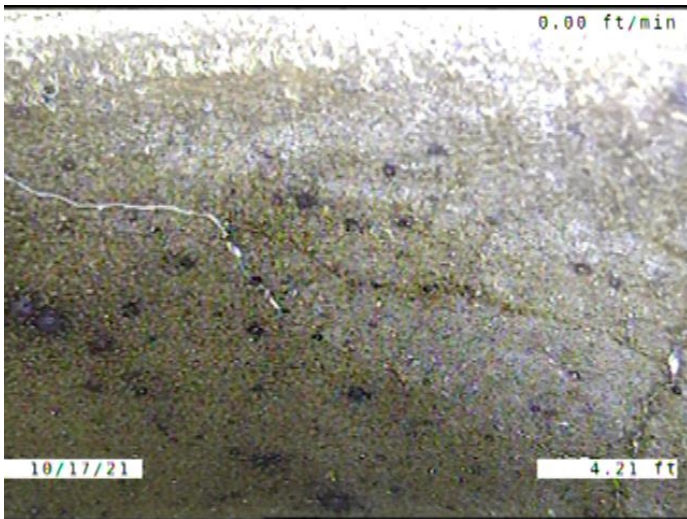
Distance (ft): **4.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **B**  
Description: **Broken**

Distance (ft): **4.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

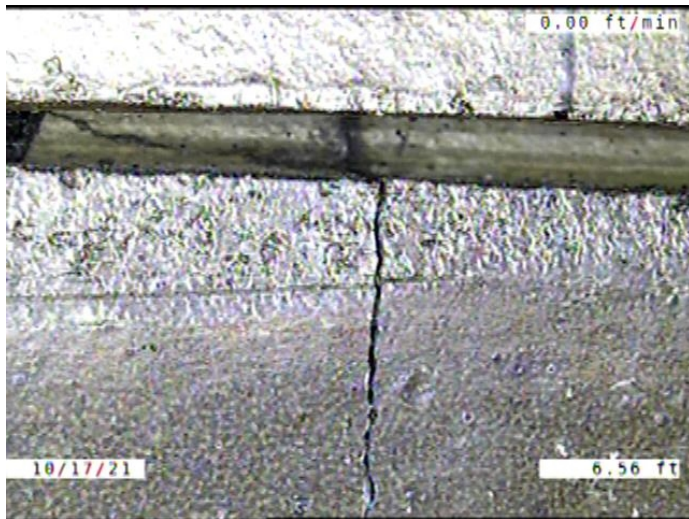
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Code: **CM**  
Description: **Crack Multiple**

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

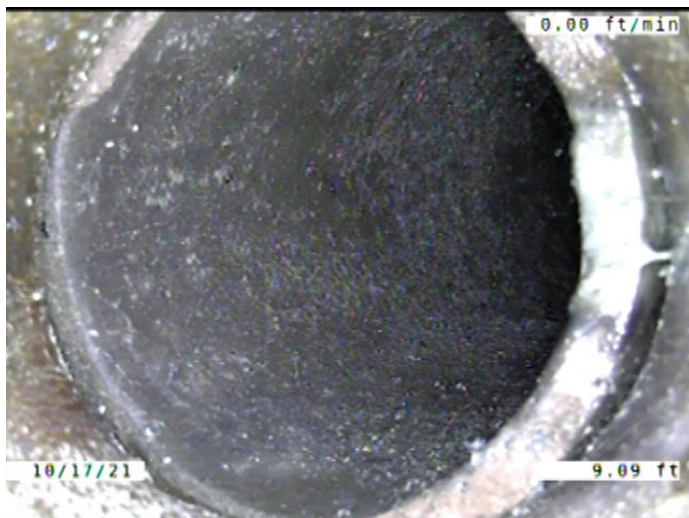
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **6.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks: **Wandering**

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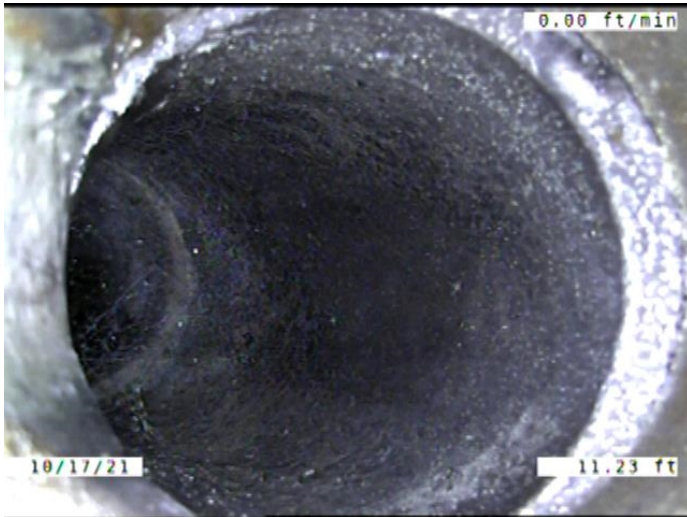


Code: **TF**  
Description: **Tap Factory**

Distance (ft): **9.1**  
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: **YES**  
Remarks:

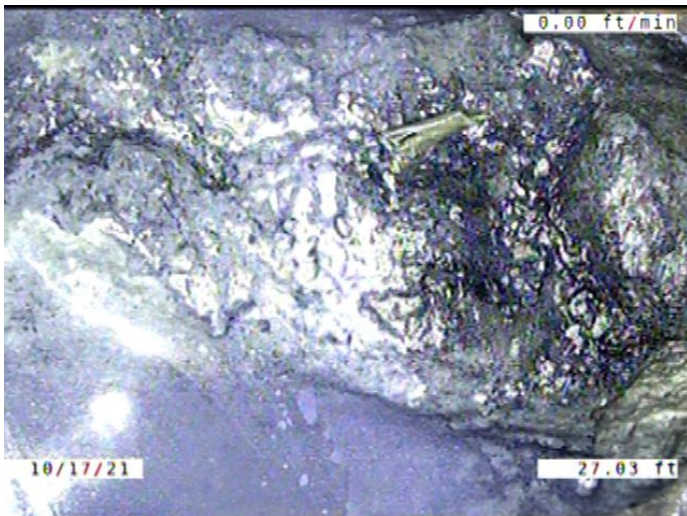
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Code: **TF**  
 Description: **Tap Factory**

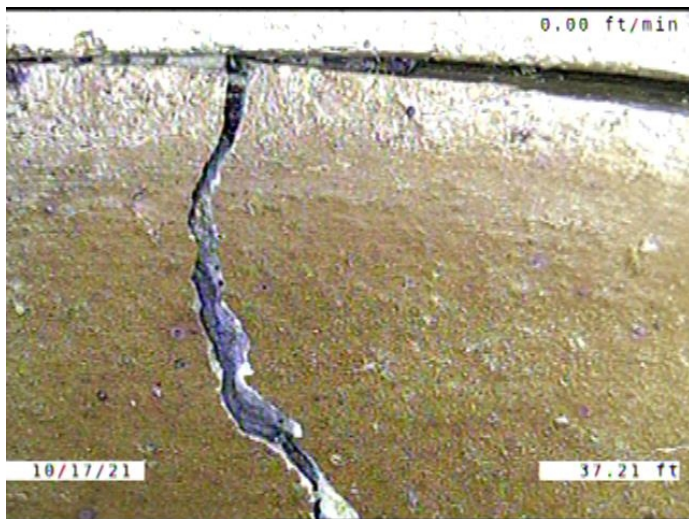
Distance (ft): **11.2**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

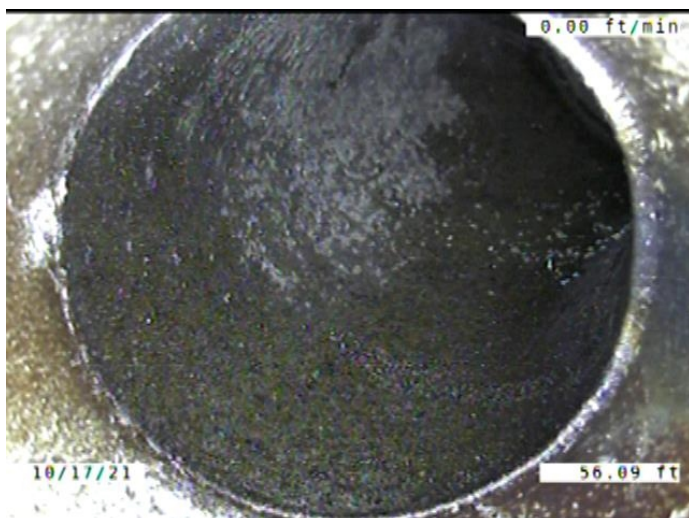
Distance (ft): **27.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:





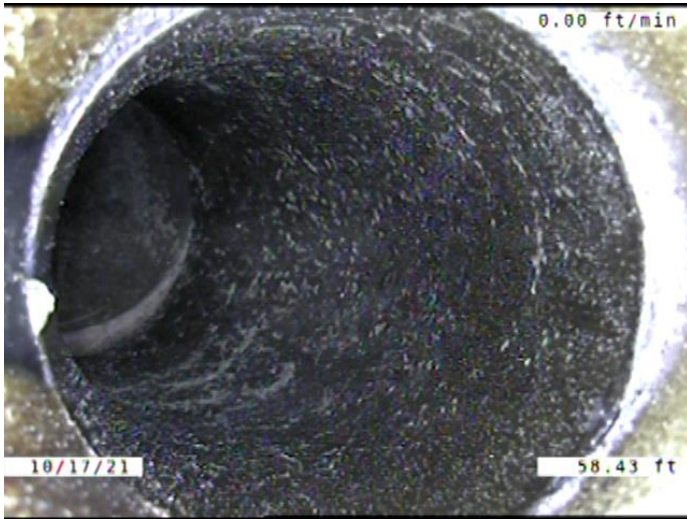
Code: **B**  
 Description: **Broken**

Distance (ft): **37.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

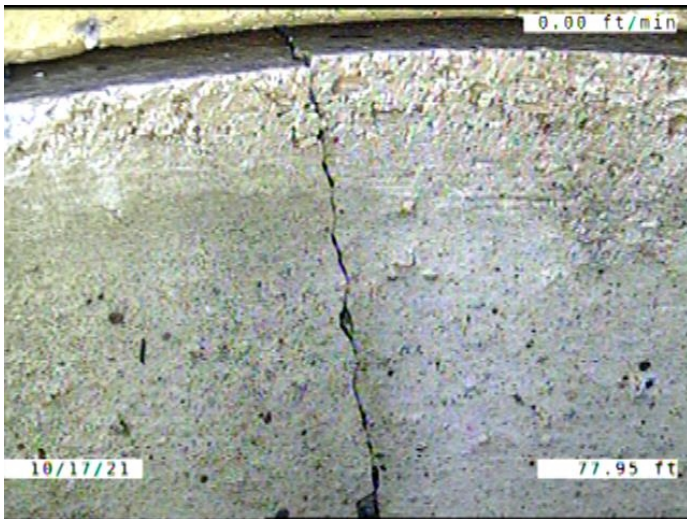
Distance (ft): **56.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **58.4**  
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: **YES**  
Remarks:

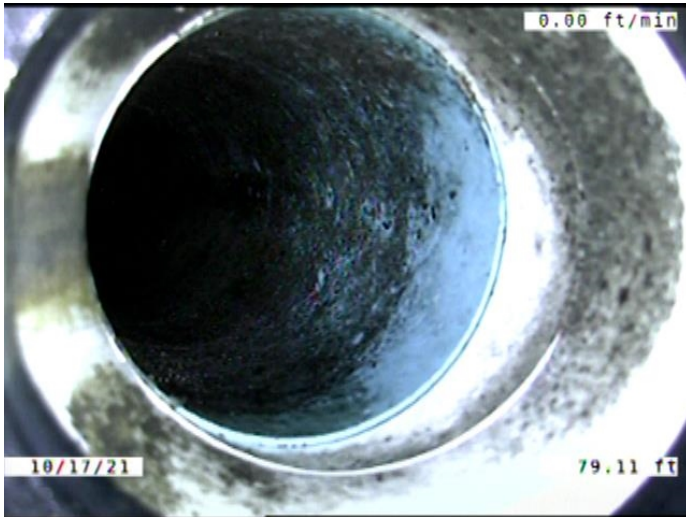
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Code: **B**  
Description: **Broken**

Distance (ft): **78.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

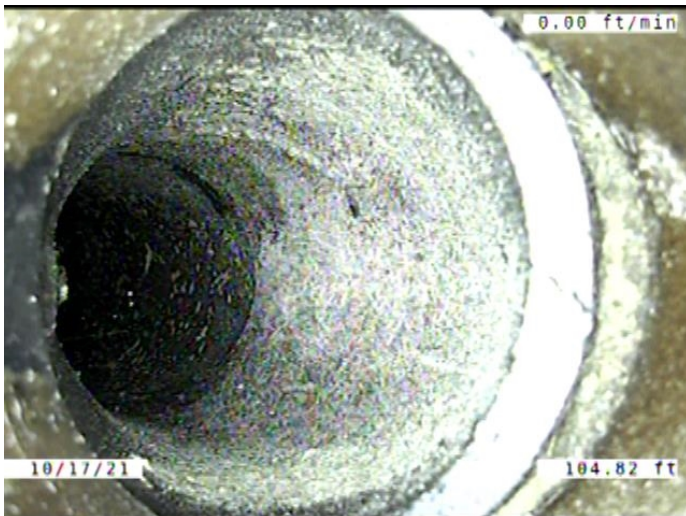
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Code: **TB**  
 Description: **Tap Break-in/Hammer**

Distance (ft): **79.1**  
 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: **YES**  
 Remarks:

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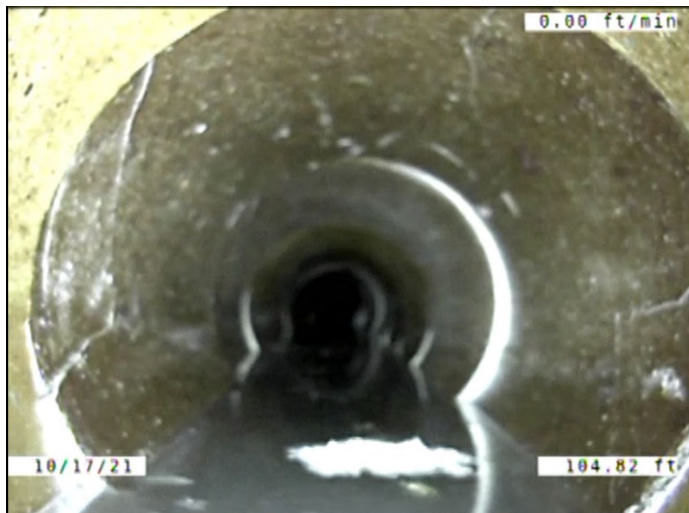


Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **104.8**  
 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: **YES**  
 Remarks:

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Code: **B**  
 Description: **Broken**

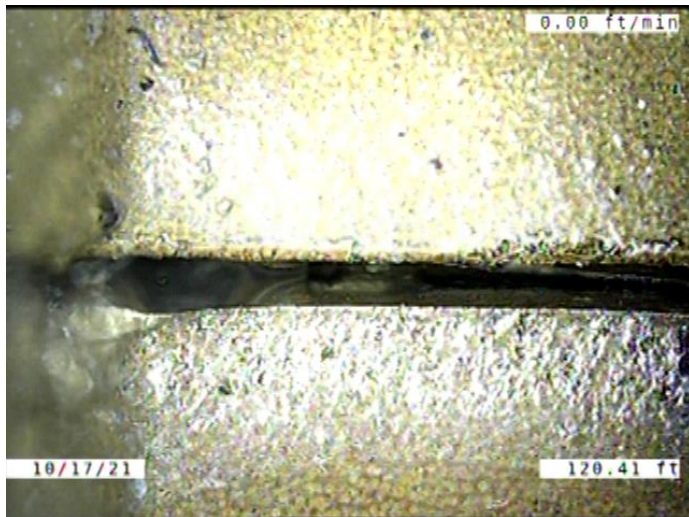
Distance (ft): **104.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **118.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **LARGE OFFSET. SOIL VISIBLE**

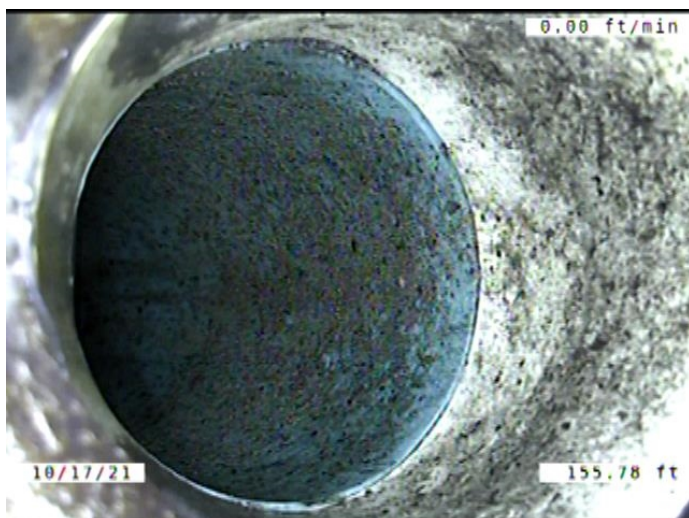




Code: **IRJ**  
 Description: **Infiltration Runner Joint**

Distance (ft): **120.4**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **8**  
 Clock To: **9**  
 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): **155.8**  
 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: **YES**  
 Remarks:

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Code: **DAR**  
 Description: **Deposits Attached Ragging**

Distance (ft): **155.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **20.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

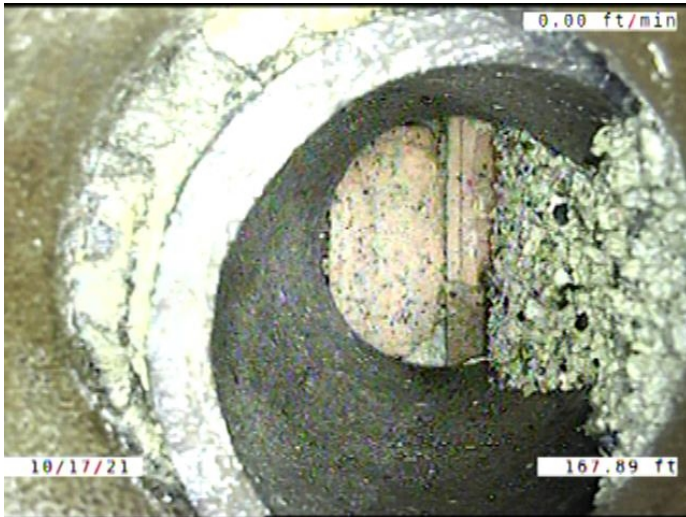
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Code: **B**  
 Description: **Broken**

Distance (ft): **155.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

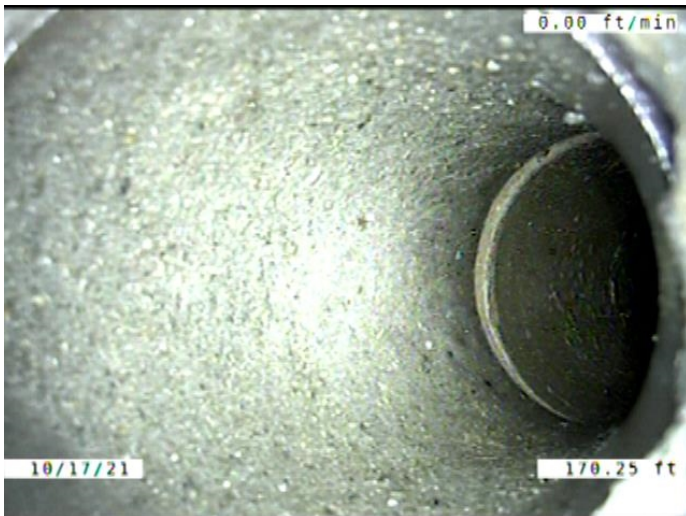
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Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **167.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Defective**

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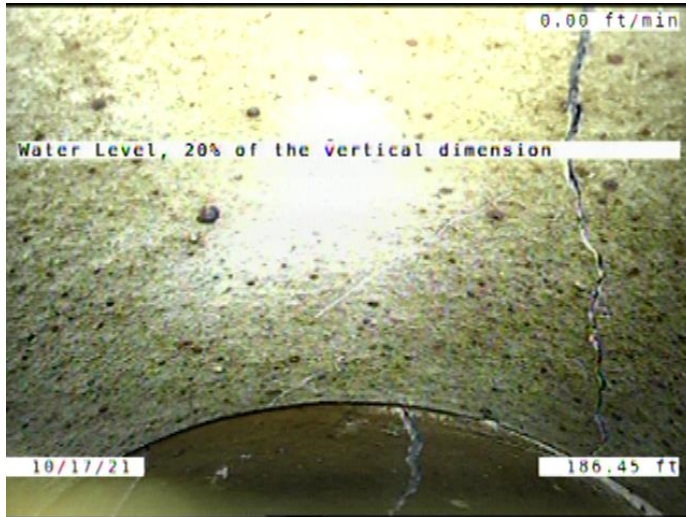


Code: **TB**  
 Description: **Tap Break-in/Hammer**

Distance (ft): **170.2**  
 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: **YES**  
 Remarks:

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

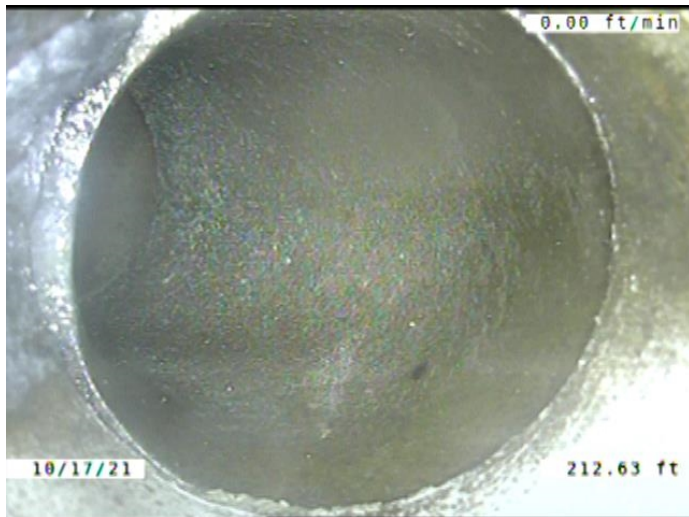
Distance (ft): **186.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **20.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **200.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Defective**





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

Distance (ft): **212.6**  
 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: **YES**  
 Remarks:



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

Distance (ft): **215.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **215.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:

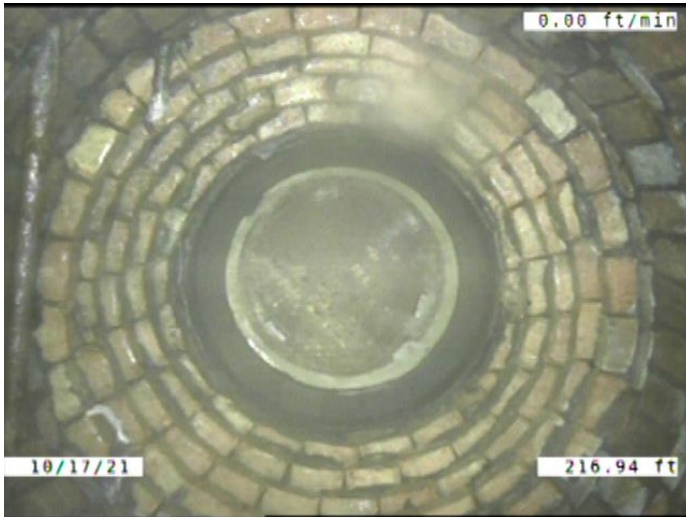
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Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **215.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks: **Wandering**

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Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>216.9</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>M-804-055</b>