

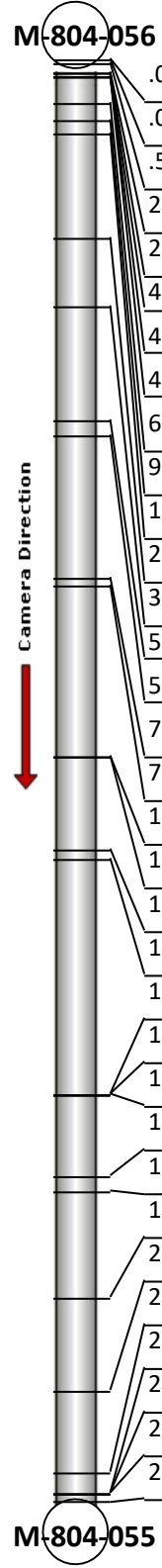
Profile/Photo Observation Report

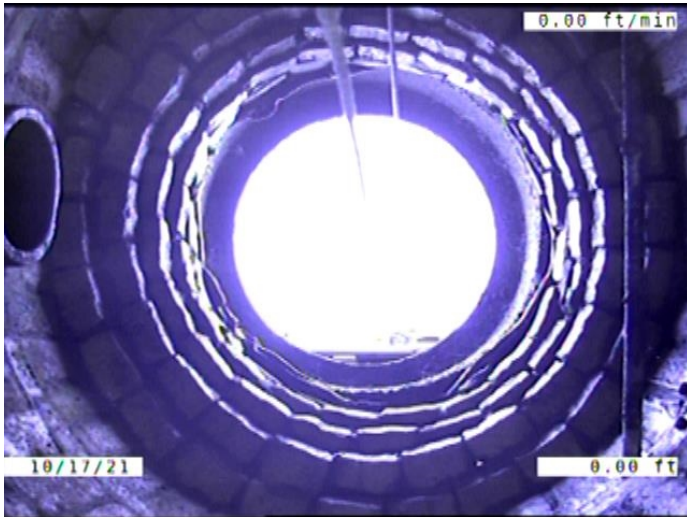


Date:	10/17/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	216.9	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-804-056-055
Customer:	City of Hobart	Clean Date:	10/13/2021	Shape:	C

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

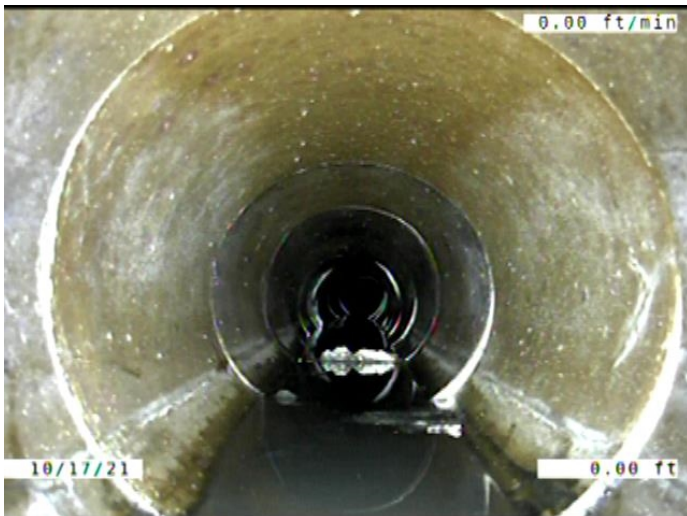
O&M Index:	2.07	O&M Quick:	4134	O&M Rating:	180.00
Structural Index:	3.90	Structural Quick:	4H31	Structural Rating:	195.00
Overall Index:	2.74	Overall Quick:	4H35	Overall Rating:	375.00

	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**



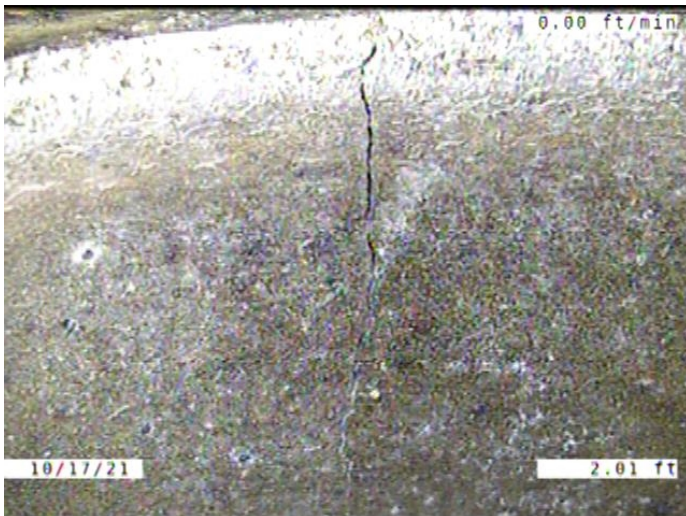
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



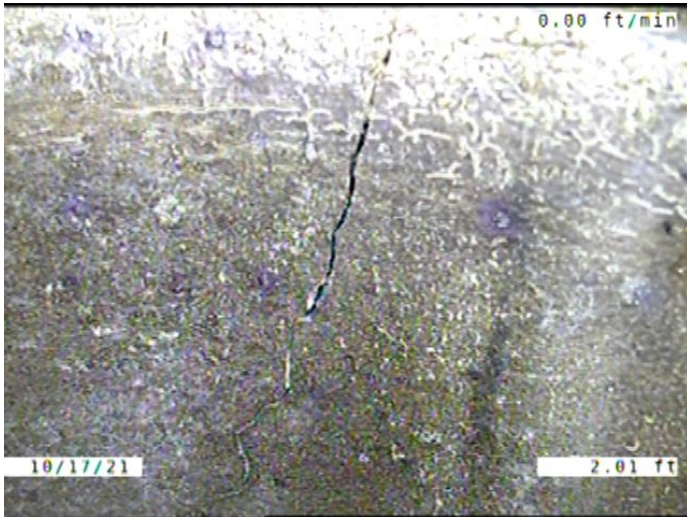
Code: **DSF**
 Description: **Deposits Settled Fine**

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:



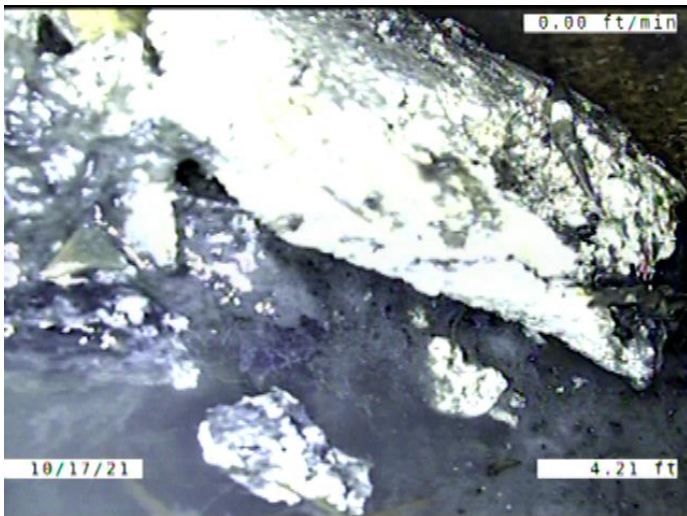
Code: **CL**
 Description: **Crack Longitudinal**

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:



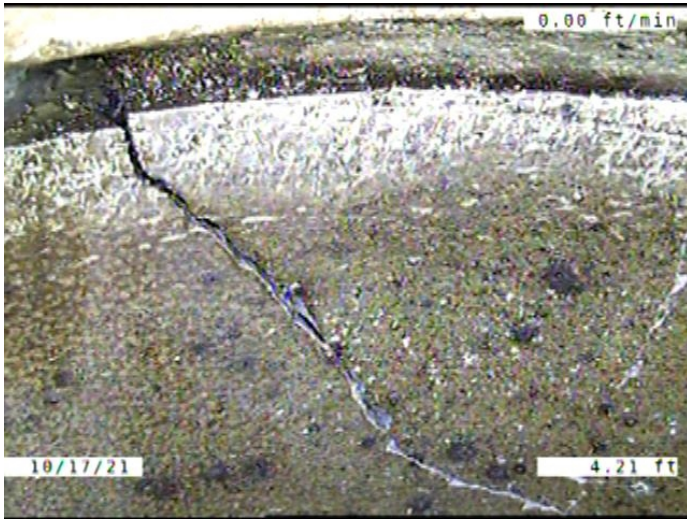
Code: **CS**
 Description: **Crack Spiral**

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:



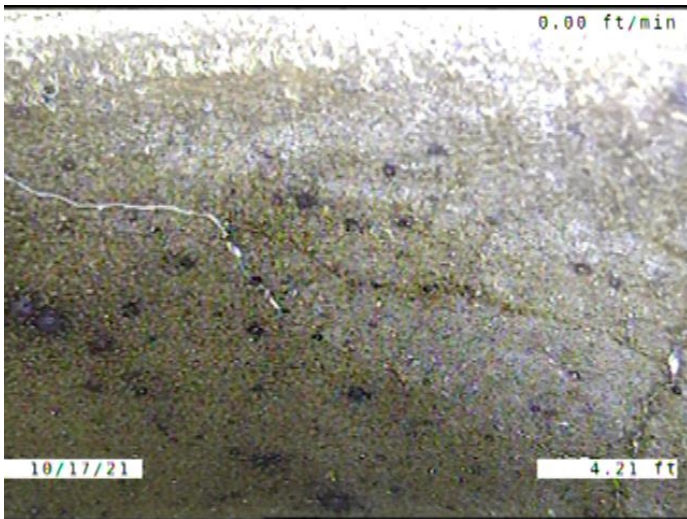
Code: **DAGS**
 Description: **Deposits Attached Grease**

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:



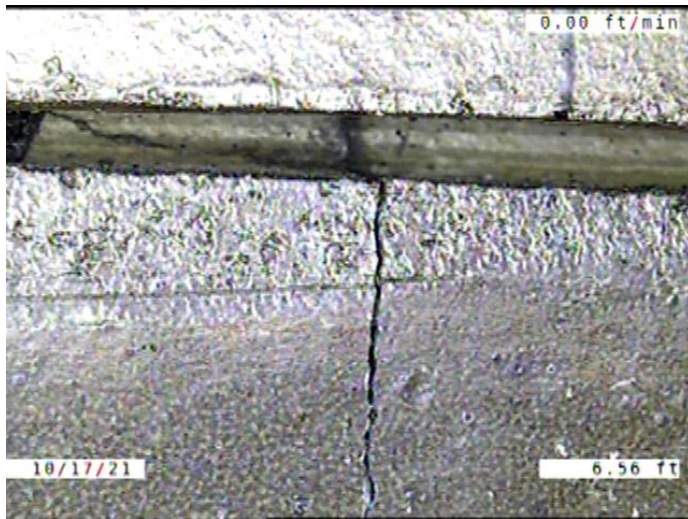
Code: **B**
 Description: **Broken**

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:



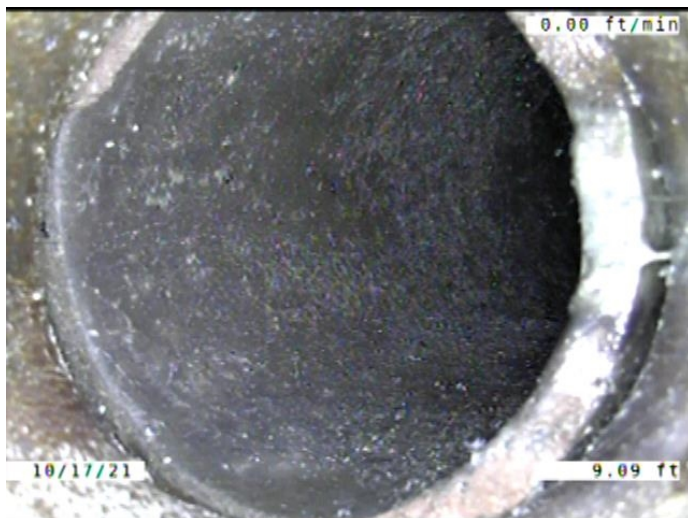
Code: **CM**
 Description: **Crack Multiple**

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:



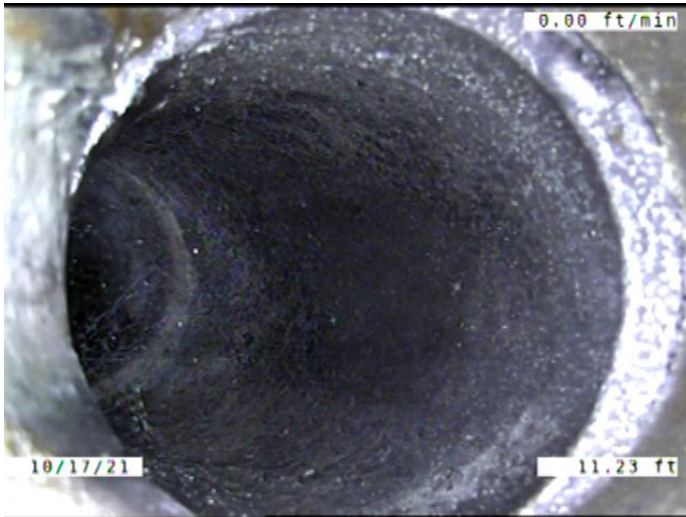
Code: **FM**
 Description: **Fracture Multiple**

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**



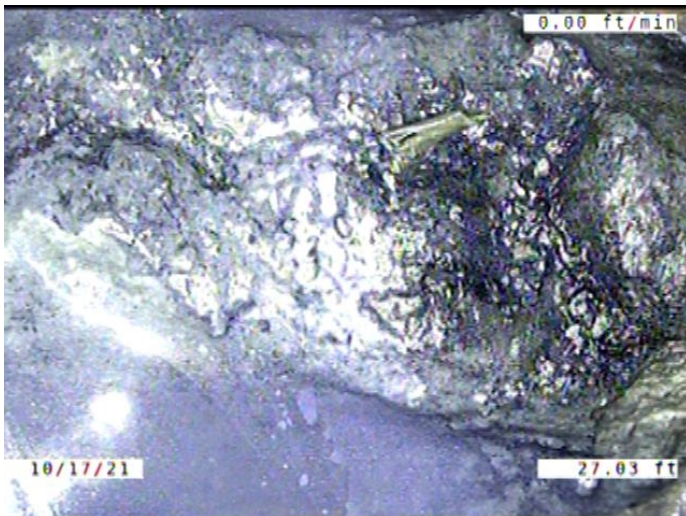
Code: **TF**
 Description: **Tap Factory**

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:



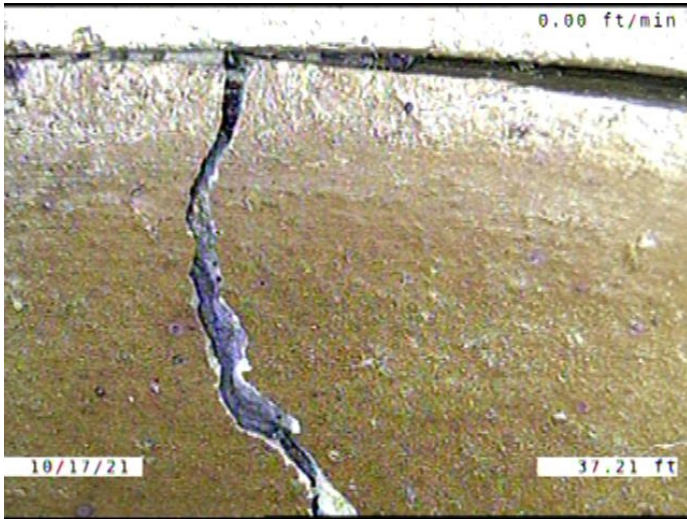
Code: **TF**
 Description: **Tap Factory**

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:



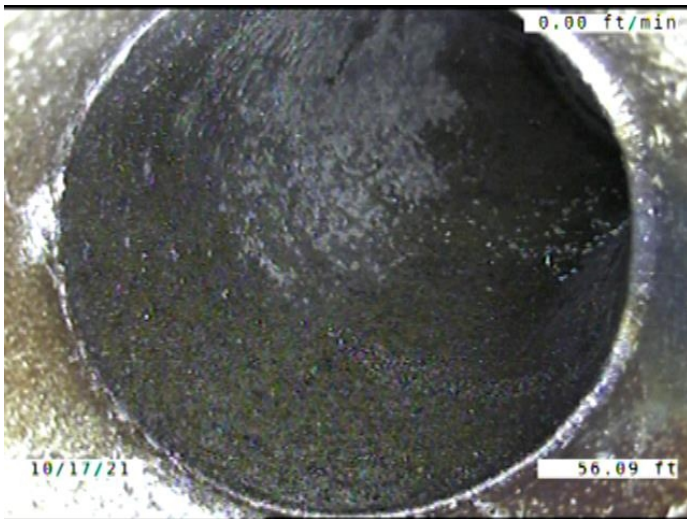
Code: **DAE**
 Description: **Deposits Attached Encrustation**

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:



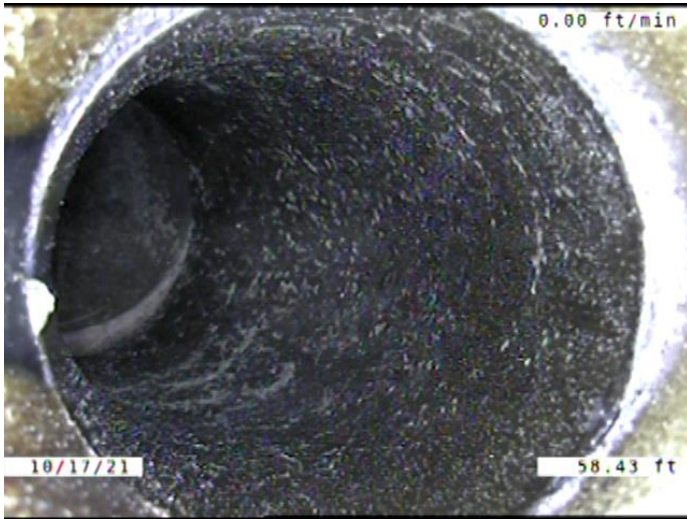
Code: **B**
 Description: **Broken**

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:



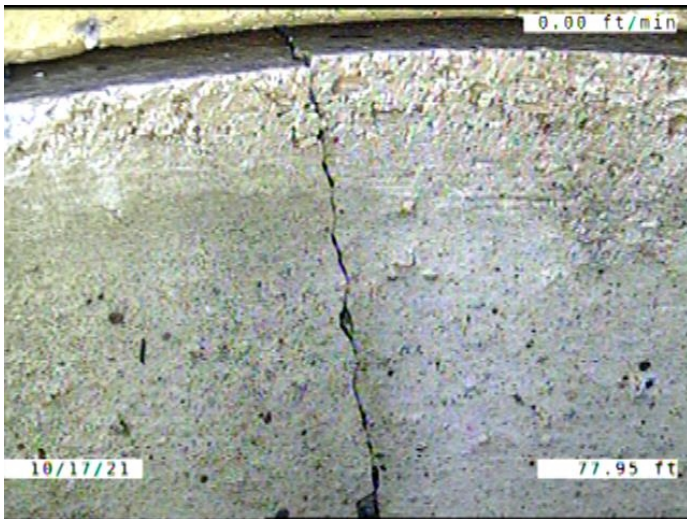
Code: **TF**
 Description: **Tap Factory**

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:



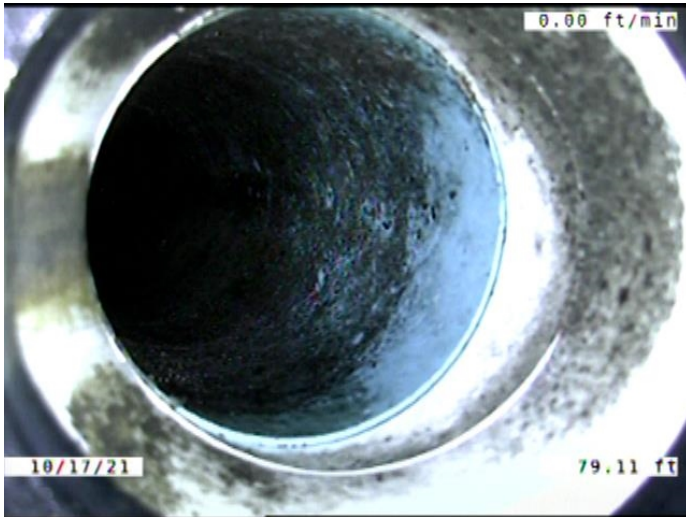
Code: **TF**
 Description: **Tap Factory**

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:



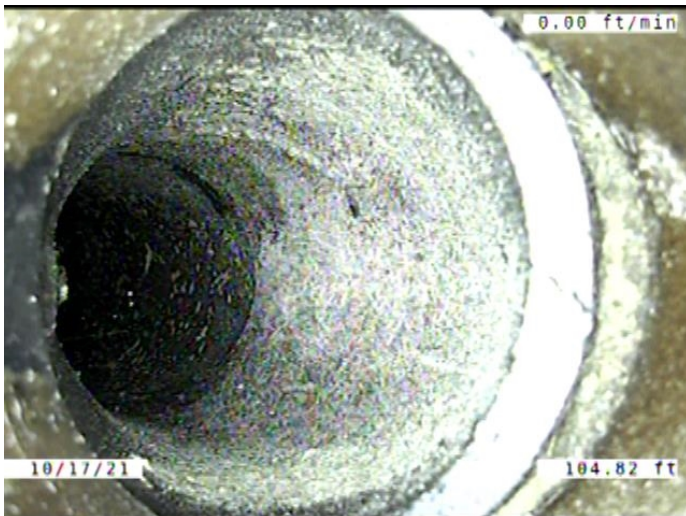
Code: **B**
 Description: **Broken**

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:



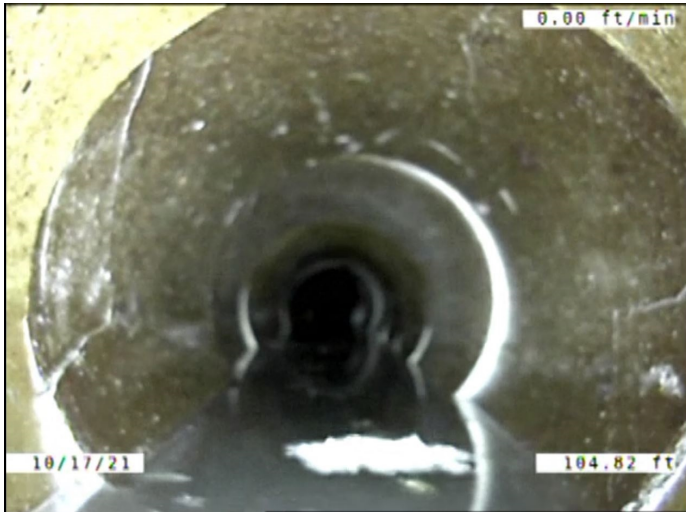
Code: **TB**
 Description: **Tap Break-in/Hammer**

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:



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:



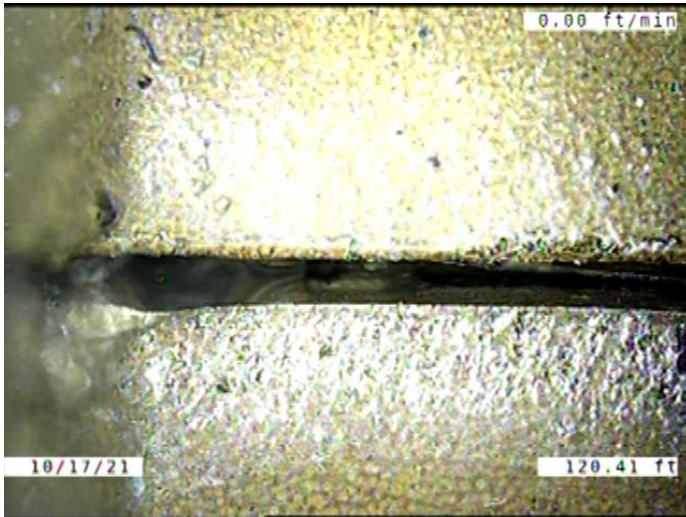
Code: **B**
Description: **Broken**

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:



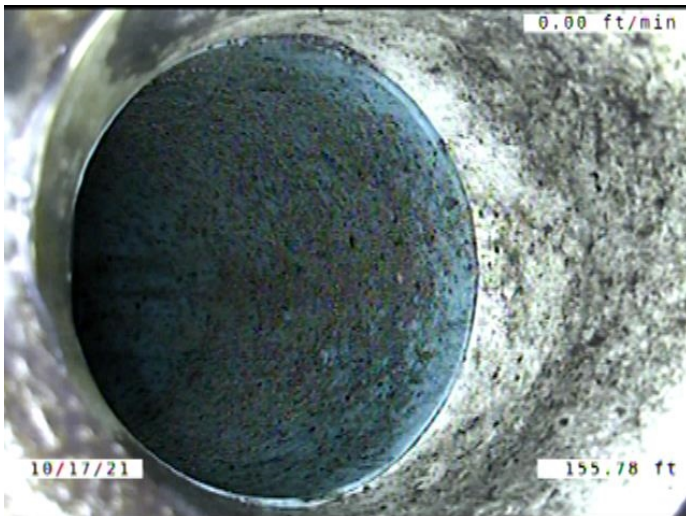
Code: **TFD**
Description: **Tap Factory Defective**

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:



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:



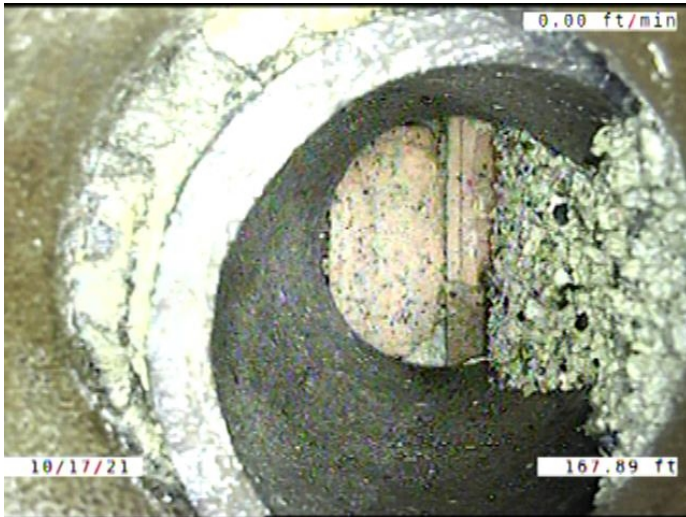
Code: **DAR**
 Description: **Deposits Attached Ragging**

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:



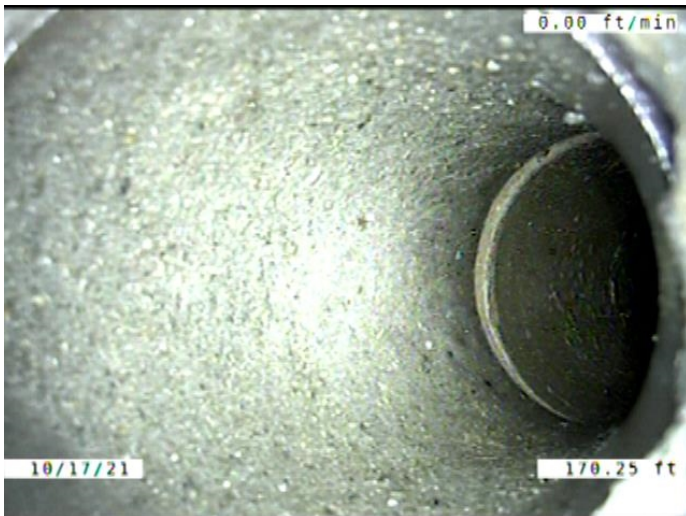
Code: **B**
 Description: **Broken**

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:



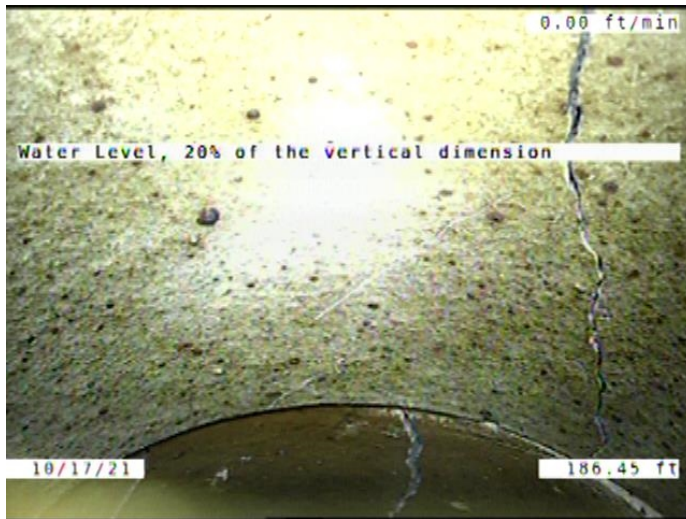
Code: **TFD**
 Description: **Tap Factory Defective**

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**



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:



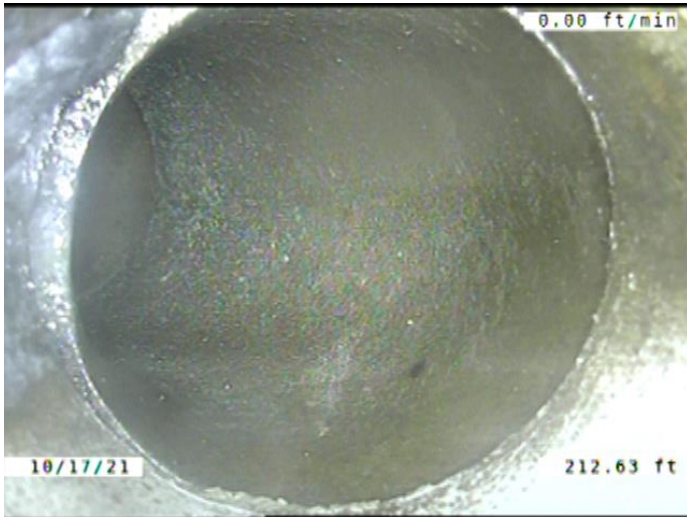
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



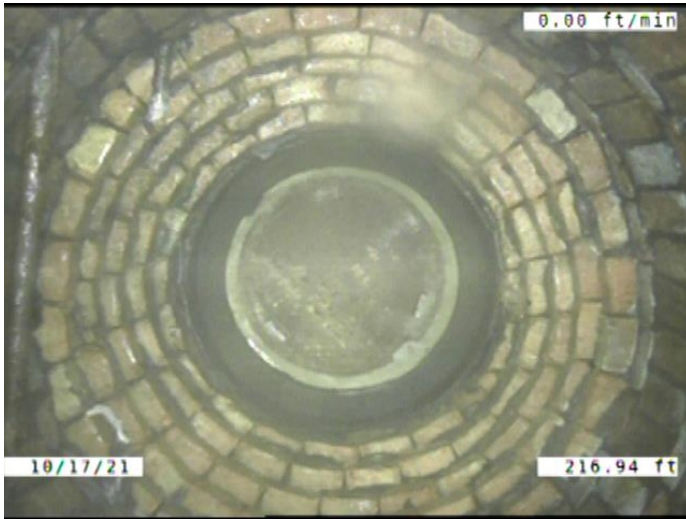
Code: **DSF**
 Description: **Deposits Settled Fine**

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:



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**



Code:	AMH
Description:	Manhole
Distance (ft):	216.9
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-804-055