

# Profile/Photo Observation Report



Date:	09/04/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	189.5	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-078-077
Customer:	City of Hobart	Clean Date:	09/02/2021	Shape:	C

Street:	North Cavender Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	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-504-078	DS MH:	M-504-077
		Total Length Surveyed (ft):	189.5

O&M Index:	2.10	O&M Quick:	4136	O&M Rating:	101.00
Structural Index:	3.70	Structural Quick:	514D	Structural Rating:	122.00
Overall Index:	2.75	Overall Quick:	514D	Overall Rating:	223.00

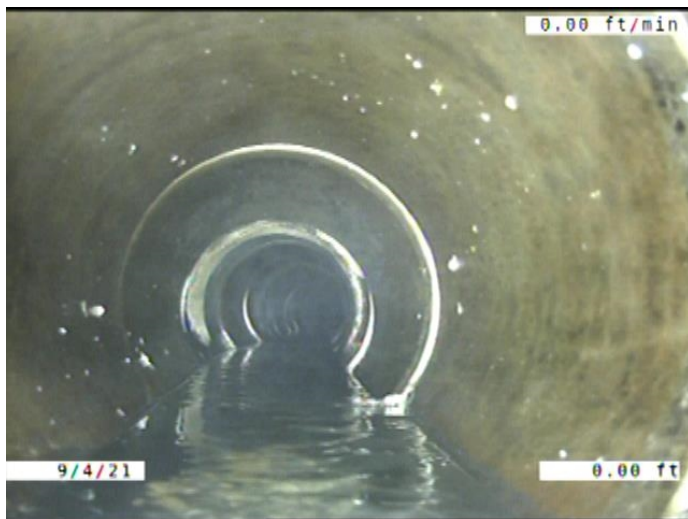
Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	55	NA
.0	OBN	Obstruction Construction Debris	92	M 2
1.1	DAE	Deposits Attached Encrustation	139	M 2
3.3	DAE	Deposits Attached Encrustation	197	M 2
4.4	TFD	Tap Factory Defective	236	M 3
4.4	CM	Crack Multiple	284	S 3
14.1	DAE	Deposits Attached Encrustation	348	M 2
14.1	FM	Fracture Multiple	379	S 4
16.1	DAE	Deposits Attached Encrustation	425	M 2
16.4	CL	Crack Longitudinal	459	S 2
20.6	CL	Crack Longitudinal	497	S 2
20.6	DAE	Deposits Attached Encrustation	513	M 2
26.9	FM(S01)	Fracture Multiple	596	S 4
44.1	B	Broken	748	S 4
44.3	DAE	Deposits Attached Encrustation	786	M 2
44.9	TBI	Tap Break-in Intruding	808	M 2
54.8	DAE	Deposits Attached Encrustation	900	M 2
58.0	TFD	Tap Factory Defective	938	M 3

69.6	B	Broken	1060	S 4
82.4	FM(F01)	Fracture Multiple	1141	S 4
82.4	DAE	Deposits Attached Encrustation	1181	M 2
87.9	TFD	Tap Factory Defective	1241	M 3
97.5	CS	Crack Spiral	1338	S 2
104.0	DAE	Deposits Attached Encrustation	1435	M 2
104.0	FM	Fracture Multiple	1446	S 4
106.9	DAR	Deposits Attached Ragging	1483	M 2
108.3	FM	Fracture Multiple	1543	S 4
112.5	DAE	Deposits Attached Encrustation	1623	M 2
112.5	CM	Crack Multiple	1650	S 3
113.4	TFC	Tap Factory Capped	1675	NA
116.9	DAE	Deposits Attached Encrustation	1723	M 2
116.9	CM	Crack Multiple	1761	S 3
119.3	DSF(S02)	Deposits Settled Fine	1794	M 2
121.0	DAE	Deposits Attached Encrustation	1860	M 2
121.0	FM(S03)	Fracture Multiple	1888	S 4
126.7	DAE	Deposits Attached Encrustation	1942	M 2
129.5	B	Broken	2050	S 4
129.5	DAE	Deposits Attached Encrustation	2081	M 2
129.9	IRB	Infiltration Runner Barrel	2106	M 4
130.6	TFD	Tap Factory Defective	2149	M 3
139.6	TBI	Tap Break-in Intruding	2231	M 2
142.6	DAE	Deposits Attached Encrustation	2276	M 2
142.6	SMW	Surface Damage Missing Wall	2298	S 5
144.6	FM(F03)	Fracture Multiple	2335	S 4
144.6	DAE	Deposits Attached Encrustation	2346	M 2
159.5	CL	Crack Longitudinal	2432	S 2
159.5	DAE	Deposits Attached Encrustation	2462	M 2
161.4	OBB	Obstruction Brick or Masonry	2493	M 2
165.9	DAE	Deposits Attached Encrustation	2573	M 2
165.9	FM	Fracture Multiple	2605	S 4
167.1	TFD	Tap Factory Defective	2631	M 3
176.7	DAE	Deposits Attached Encrustation	2731	M 2
176.8	FM	Fracture Multiple	2703	S 4
180.8	RFJ	Roots Fine Joint	2779	M 1
183.1	RFJ	Roots Fine Joint	2820	M 1
185.2	FM	Fracture Multiple	2855	S 4
185.2	RFJ	Roots Fine Joint	2857	M 1
188.0	RMJ	Roots Medium Joint	2920	M 3
188.0	DSF(F02)	Deposits Settled Fine	2933	M 2
189.5	AMH	Manhole	3029	NA



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-504-078**



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: **OBN**  
 Description: **Obstruction Construction Debris**

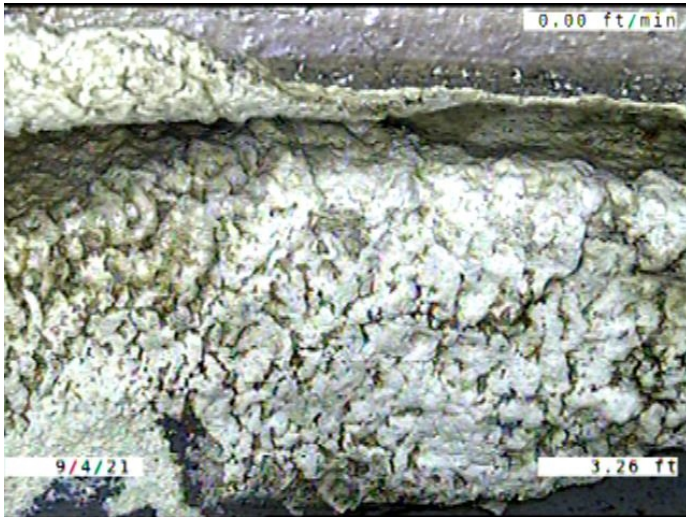
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

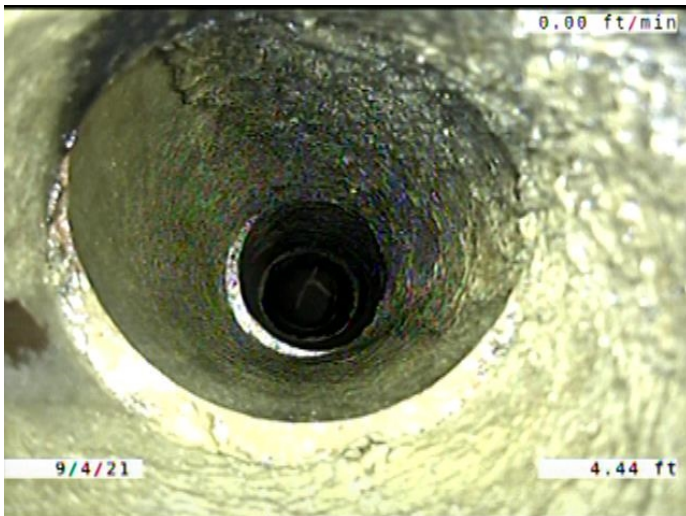
Distance (ft): **1.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





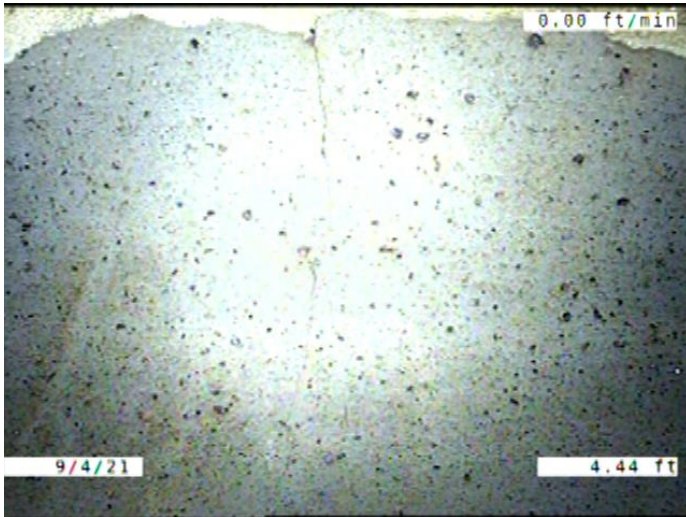
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **3.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



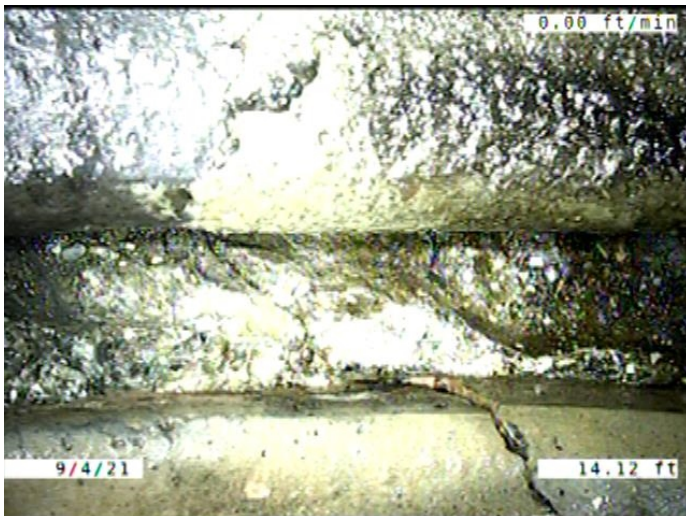
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **4.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCrustation ALL THE WAY AROUND THE TAP**



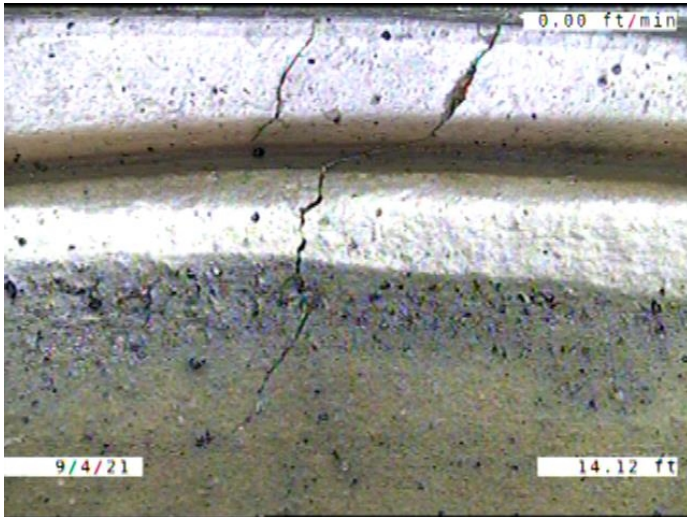
Code: **CM**  
 Description: **Crack Multiple**

Distance (ft): **4.4**  
 Structural Grade: **3**  
 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:



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

Distance (ft): **14.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

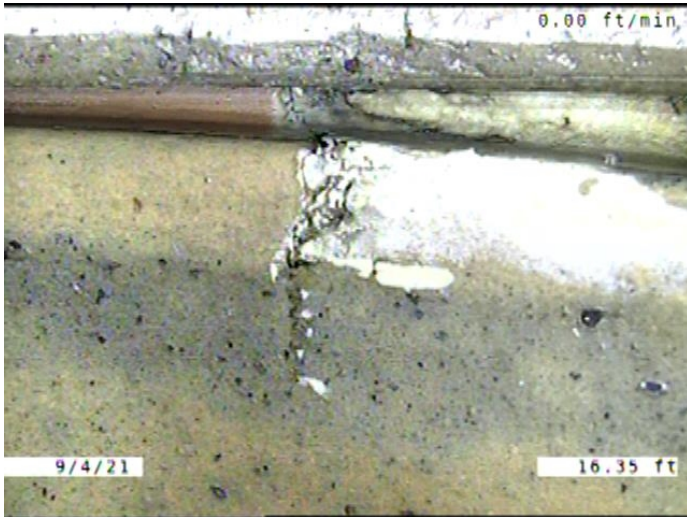
Distance (ft): **14.1**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

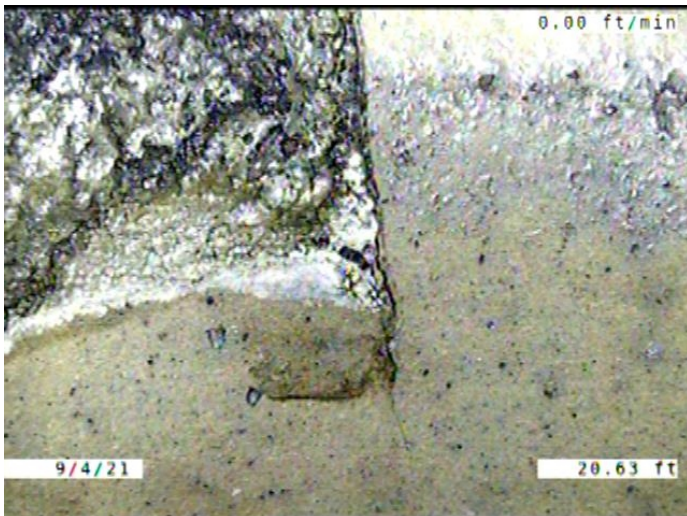
Distance (ft): **16.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





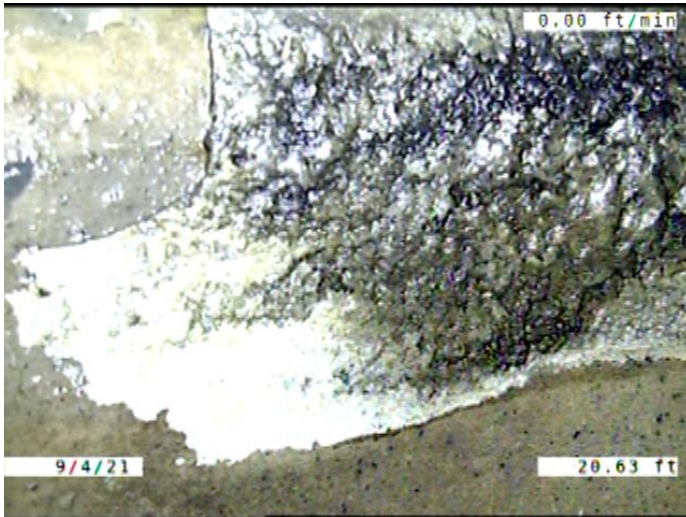
Code: **CL**  
 Description: **Crack Longitudinal**

Distance (ft): **16.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **20.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

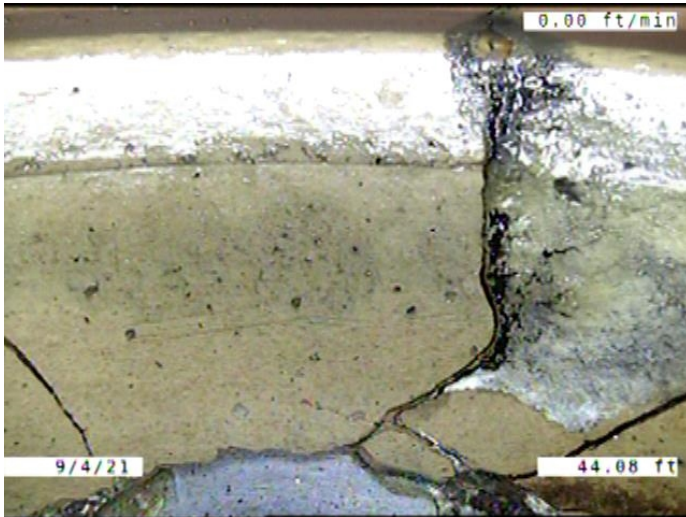
Distance (ft): **20.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

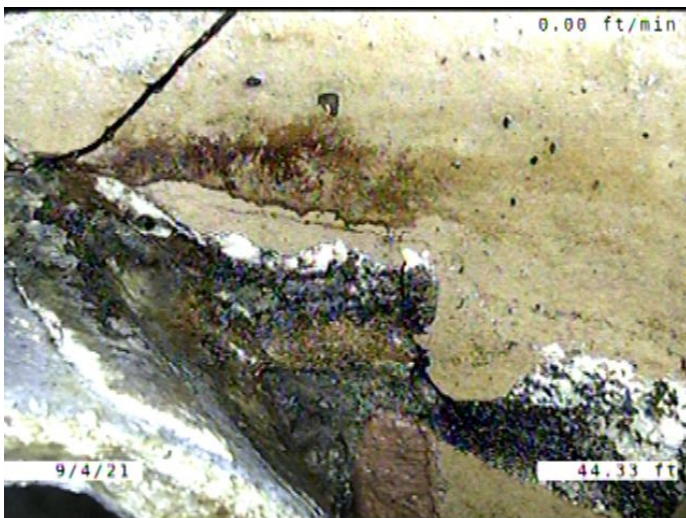
Distance (ft): **26.9**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:





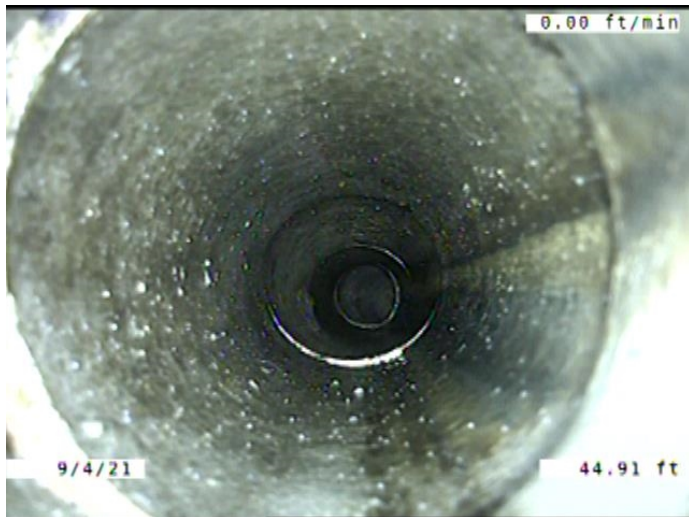
Code: **B**  
 Description: **Broken**

Distance (ft): **44.1**  
 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:



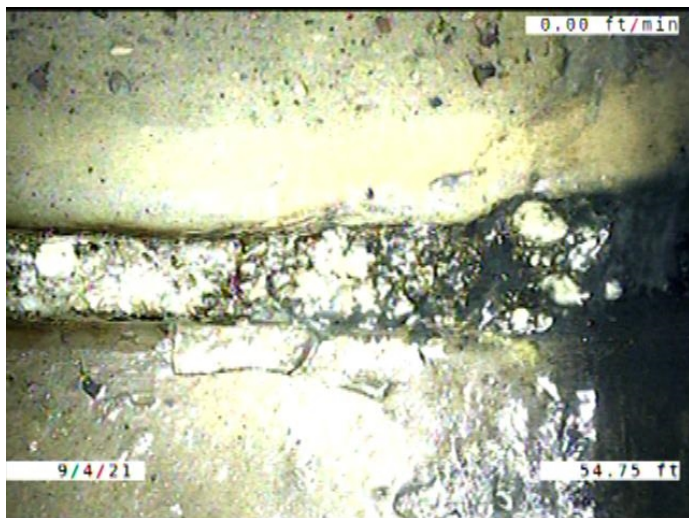
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **44.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



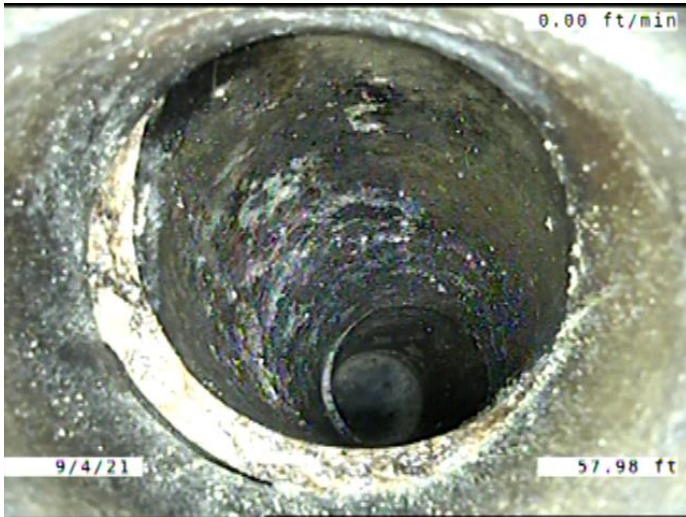
Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **44.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **3.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



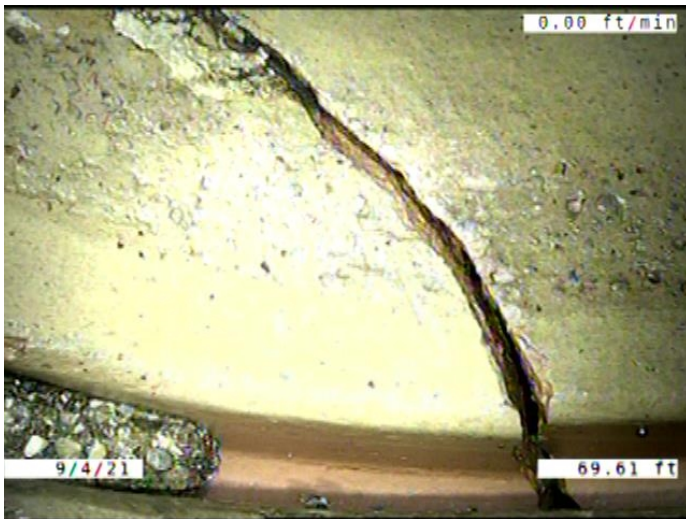
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **54.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

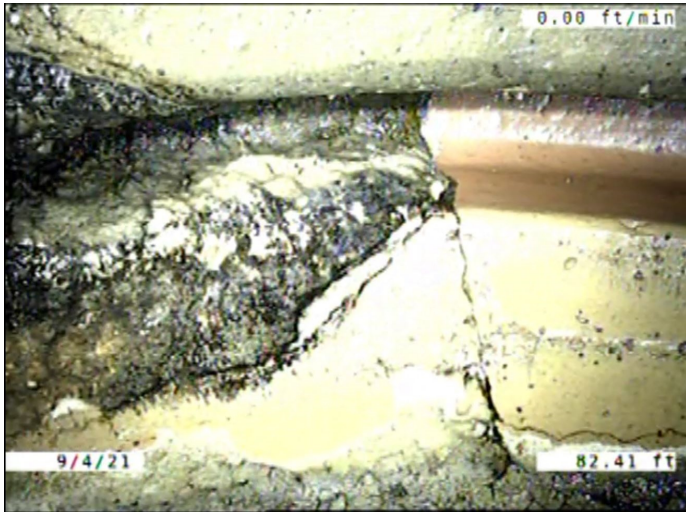
Distance (ft): **58.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **FIRST JOINT BACK OFFSET**



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

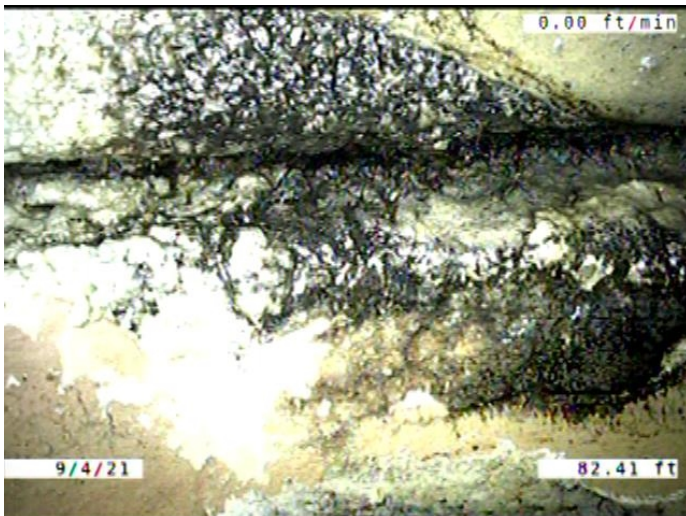
Distance (ft): **69.6**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **6**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





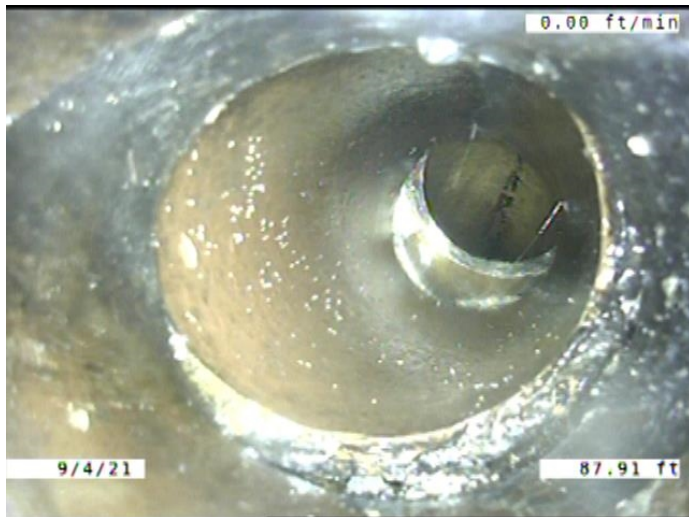
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **82.4**  
 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:



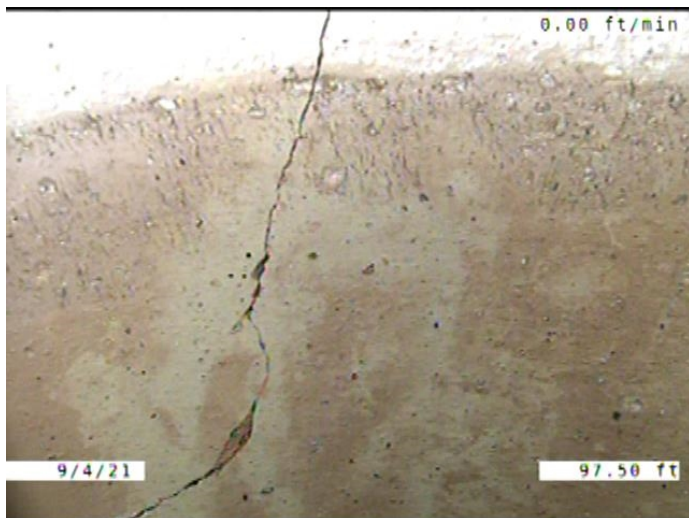
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **82.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>87.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CONSTANTLY RUNNING WATER. JOINTS ARE ALL OFFSET THAT I CAN</b>

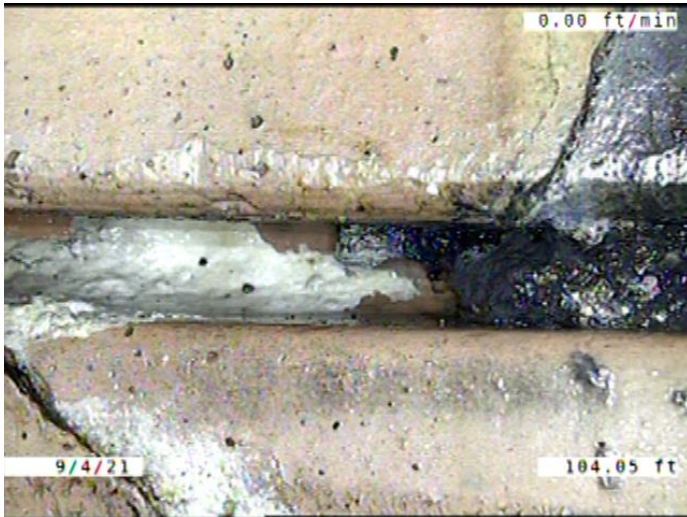
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Code:	<b>CS</b>
Description:	<b>Crack Spiral</b>
Distance (ft):	<b>97.5</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>11</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

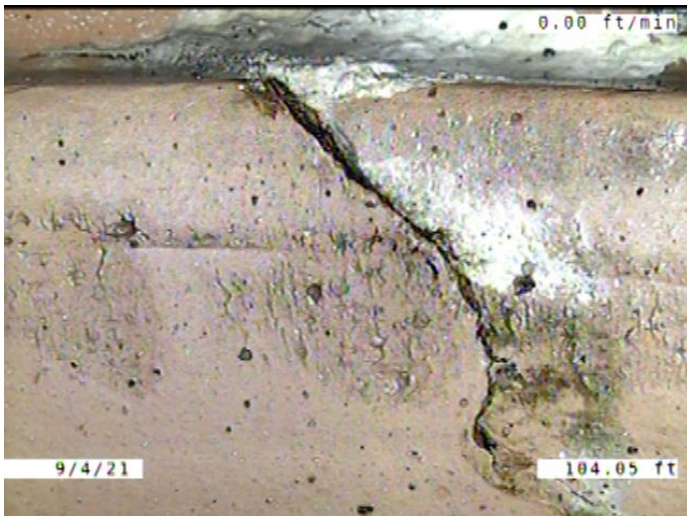
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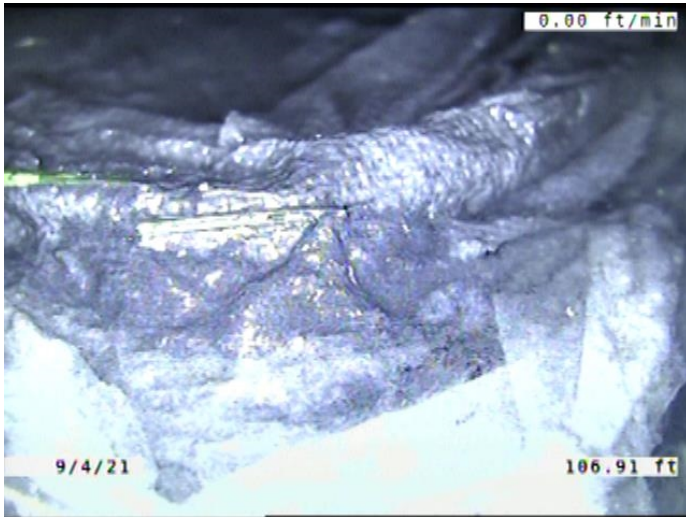
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **104.0**  
 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: **FM**  
 Description: **Fracture Multiple**

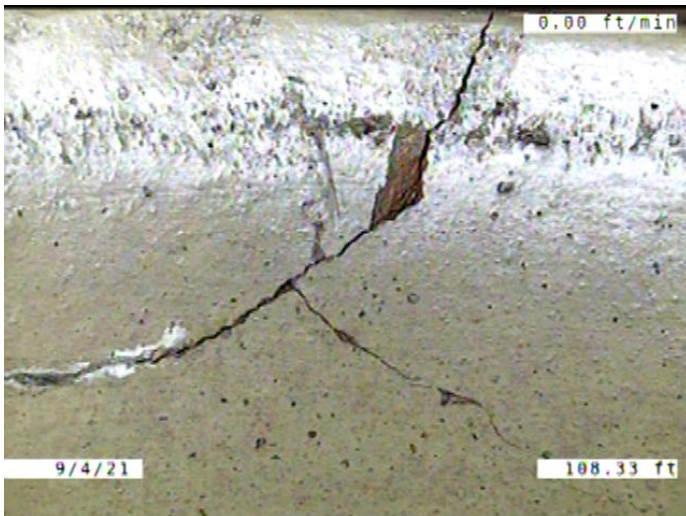
Distance (ft): **104.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **106.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **6**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

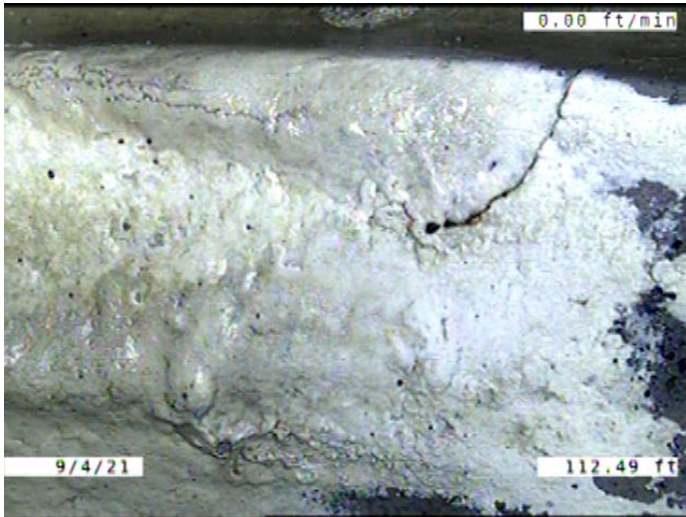
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Code: **FM**  
 Description: **Fracture Multiple**

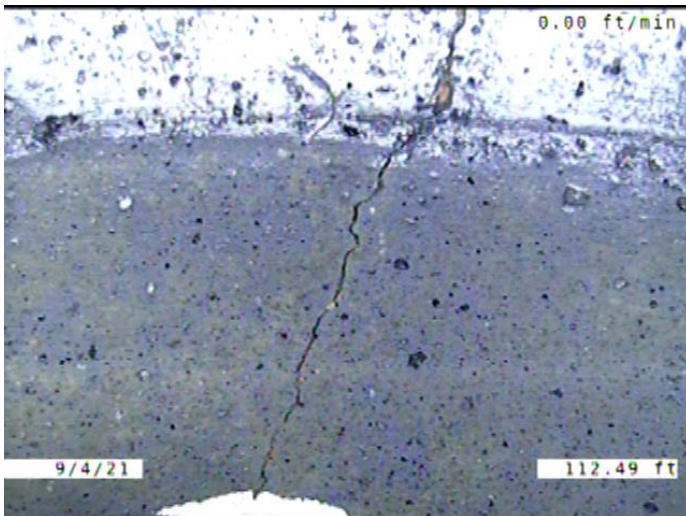
Distance (ft): **108.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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

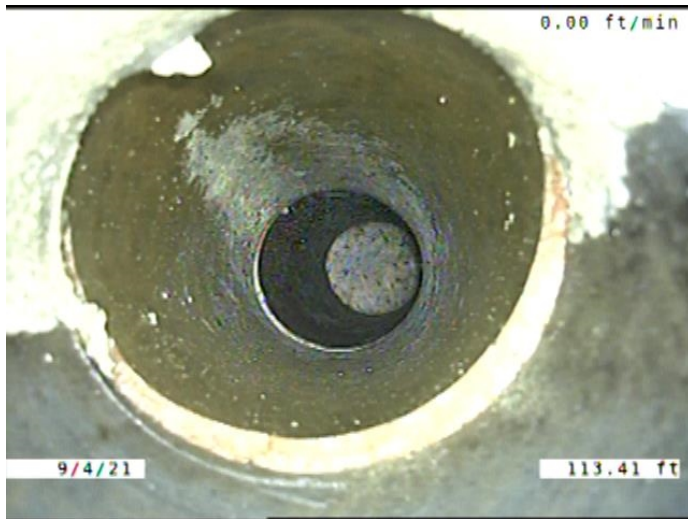
Distance (ft): **112.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

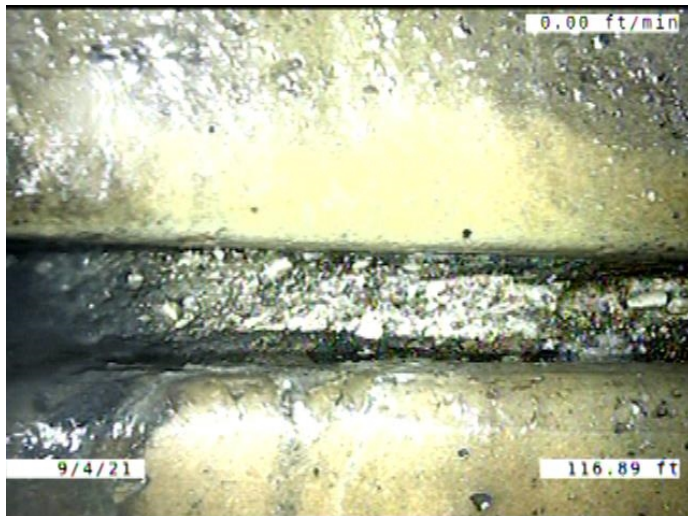
Distance (ft): **112.5**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





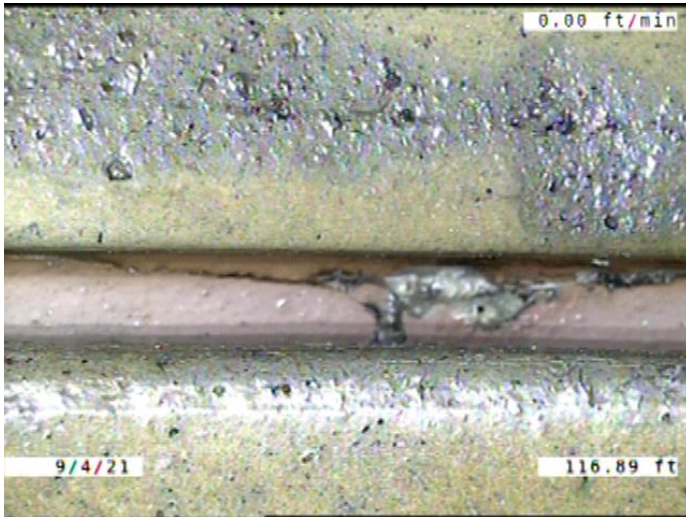
Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **113.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

Distance (ft): **116.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

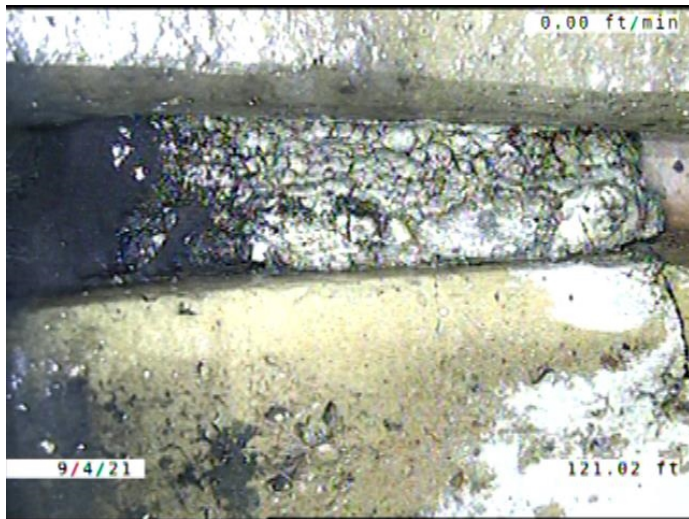
Distance (ft): **116.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

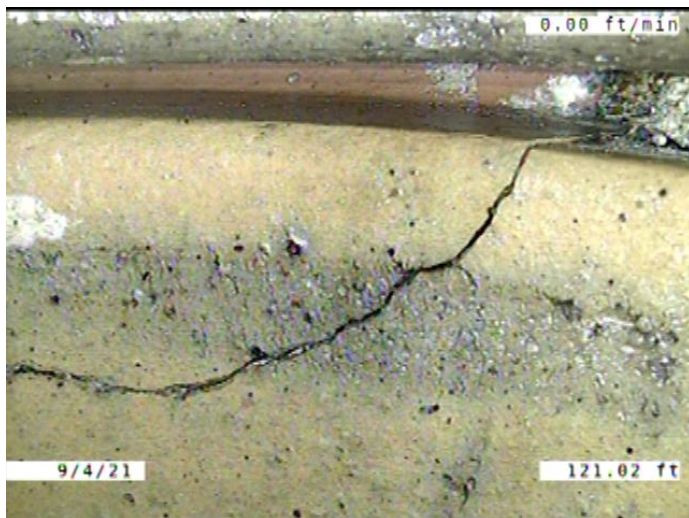
Distance (ft): **119.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:





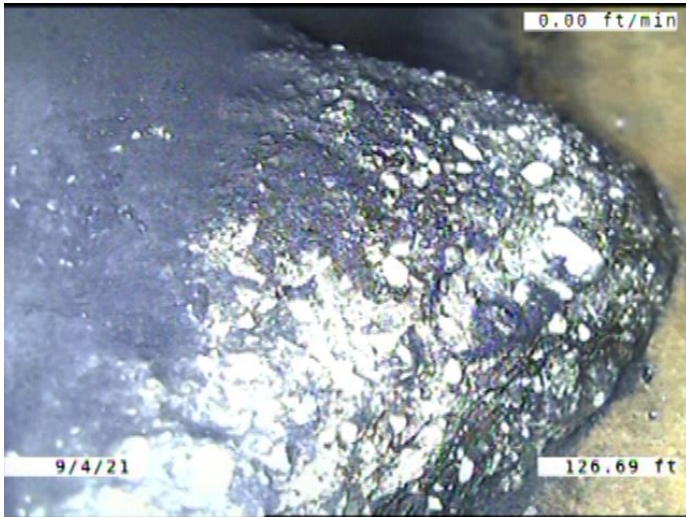
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **121.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

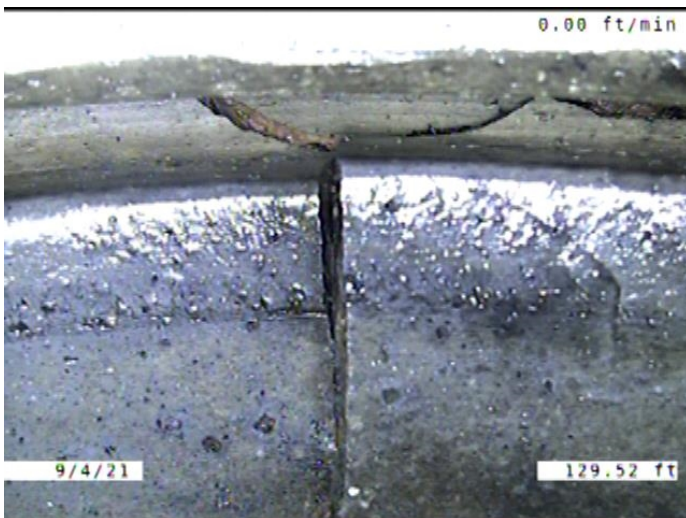


Code: **FM**  
 Description: **Fracture Multiple**

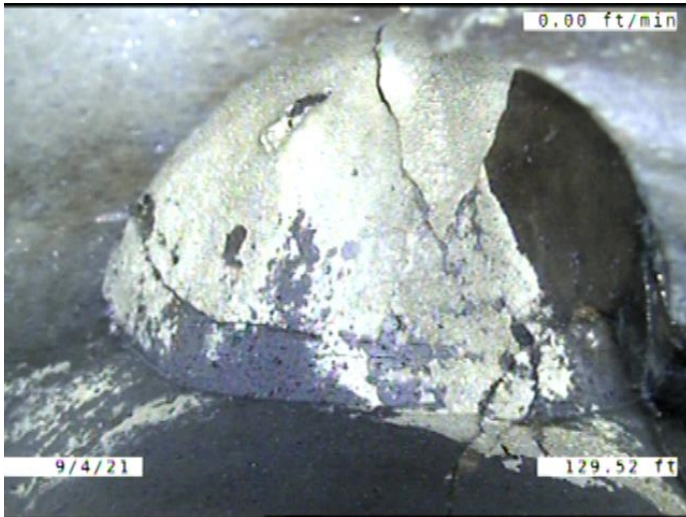
Distance (ft): **121.0**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>126.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>4</b>
Clock To:	<b>6</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

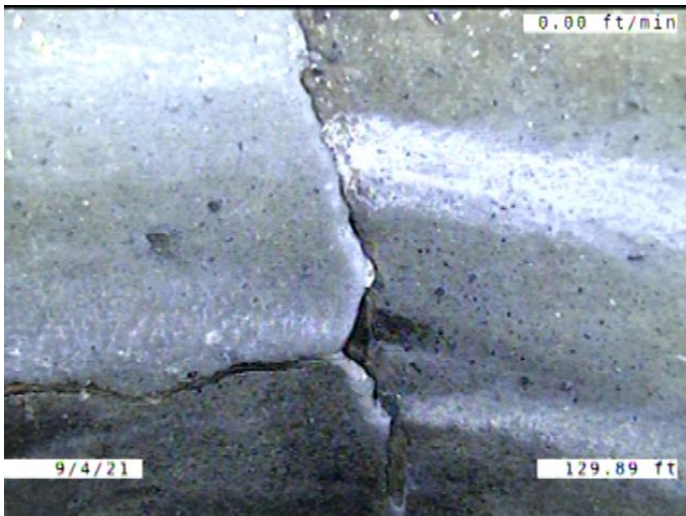


Code:	<b>B</b>
Description:	<b>Broken</b>
Distance (ft):	<b>129.5</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

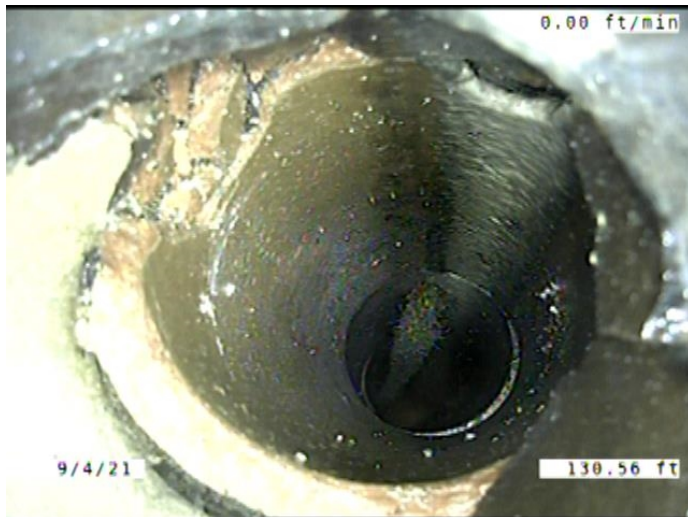
Distance (ft): **129.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **IRB**  
 Description: **Infiltration Runner Barrel**

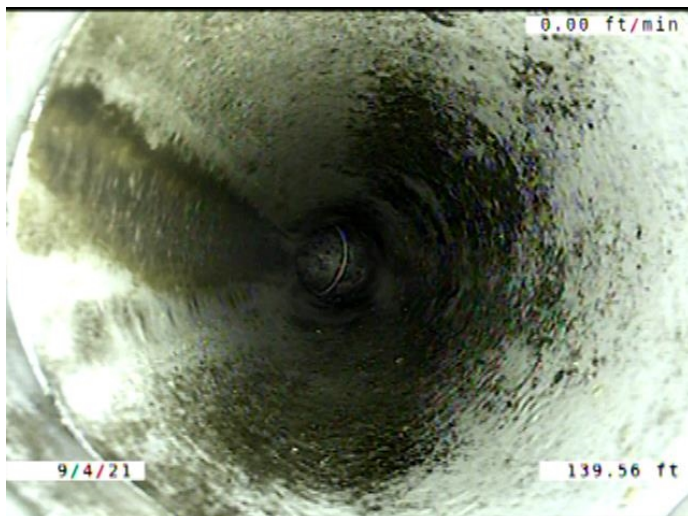
Distance (ft): **129.9**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





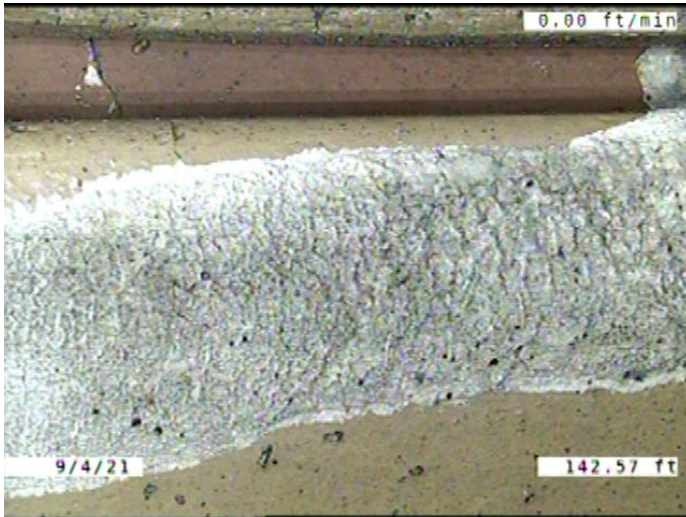
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **130.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **BROKEN AND OFFSET**



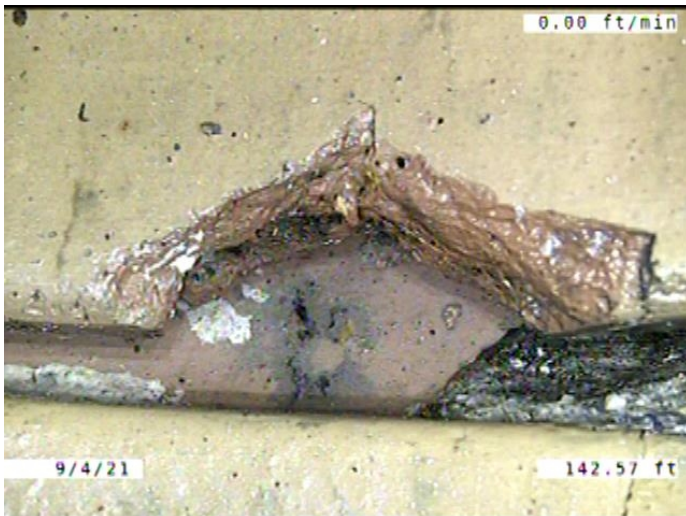
Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **139.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **3.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

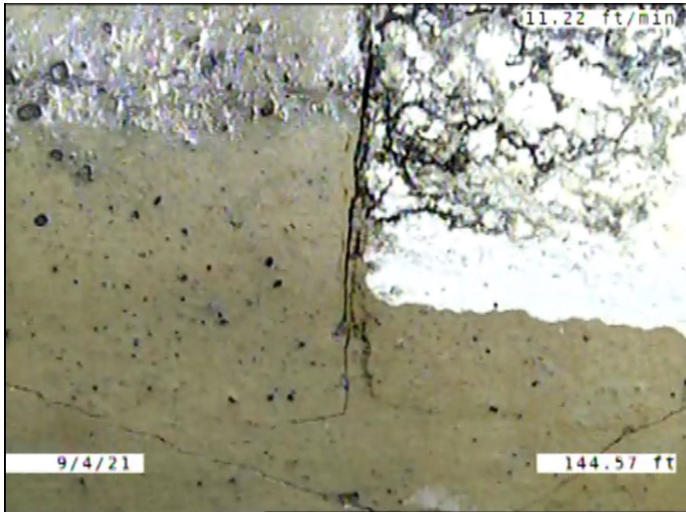
Distance (ft): **142.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **SMW**  
 Description: **Surface Damage Missing Wall**

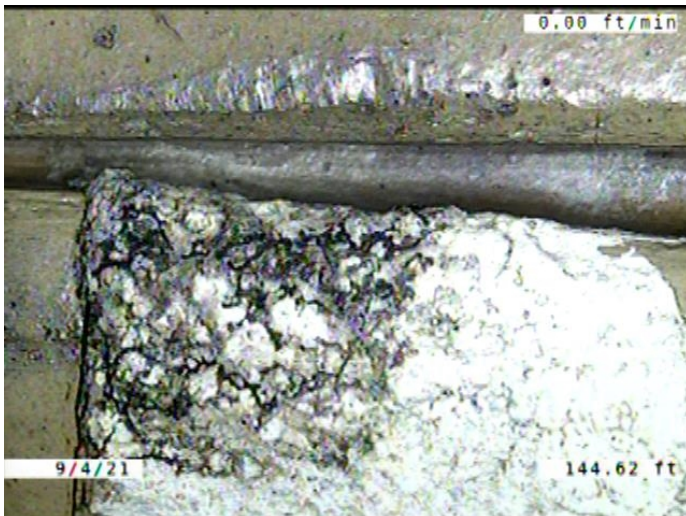
Distance (ft): **142.6**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





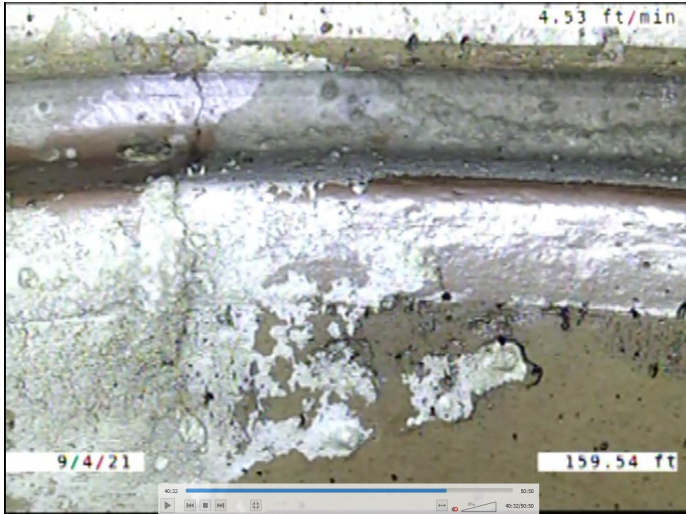
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **144.6**  
 Structural Grade: **4**  
 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:



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

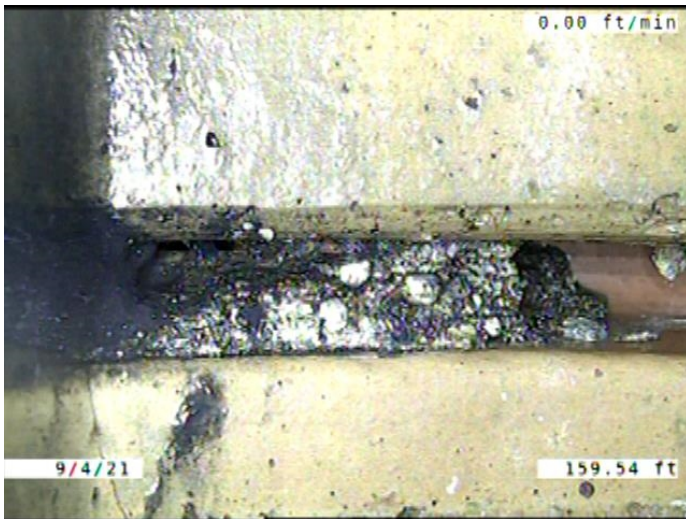
Distance (ft): **144.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **159.5**  
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: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **159.5**  
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: **OBB**  
 Description: **Obstruction Brick or Masonry**

Distance (ft): **161.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **165.9**  
 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:





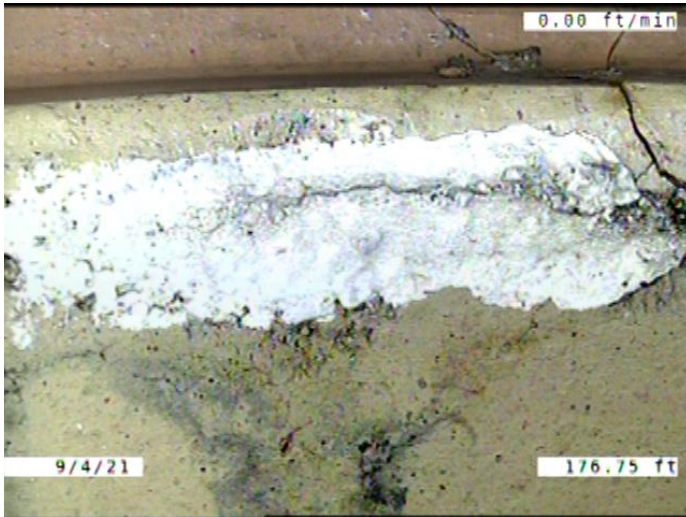
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **165.9**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **167.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **LOOKS TO BE 80+% PLUGGED WITH ROOTS**



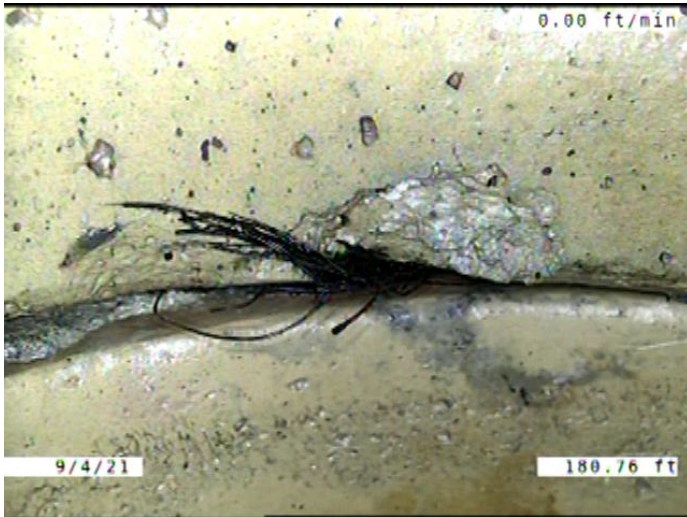
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **176.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



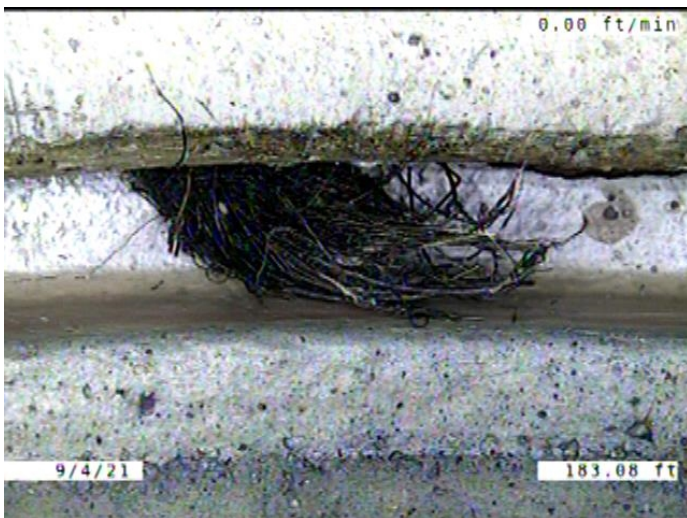
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **176.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **180.8**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

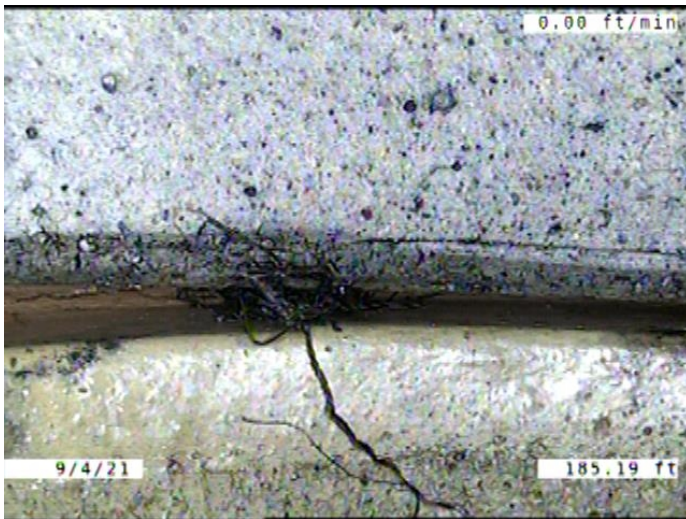
Distance (ft): **183.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





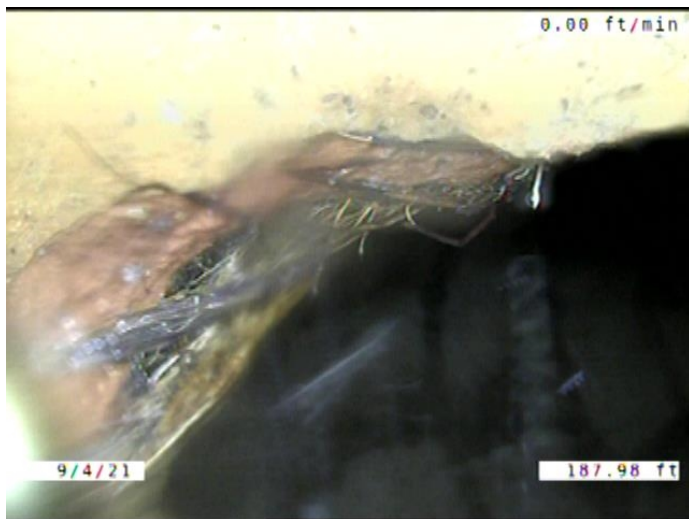
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **185.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **185.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



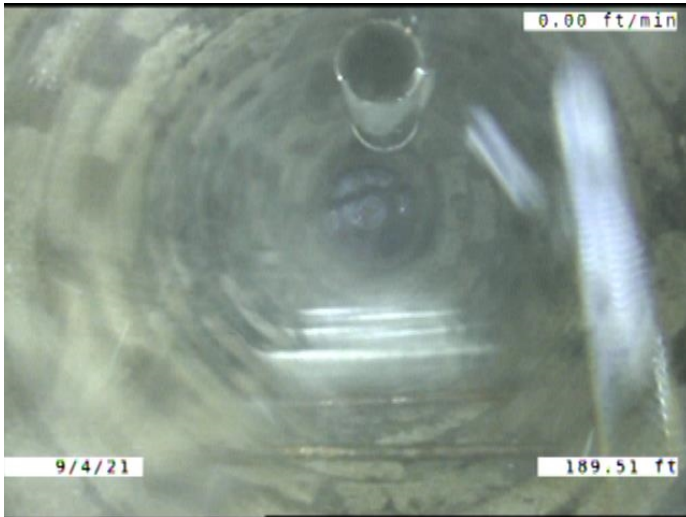
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **188.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **188.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>189.5</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-504-077</b>