

# Profile/Photo Observation Report



Date:	10/31/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	210.2	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-036-035
Customer:	City of Hobart	Clean Date:	10/27/2021	Shape:	C

Street:	North Colorado Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-504-035	DS MH:	M-504-036
		Total Length Surveyed (ft):	210.2

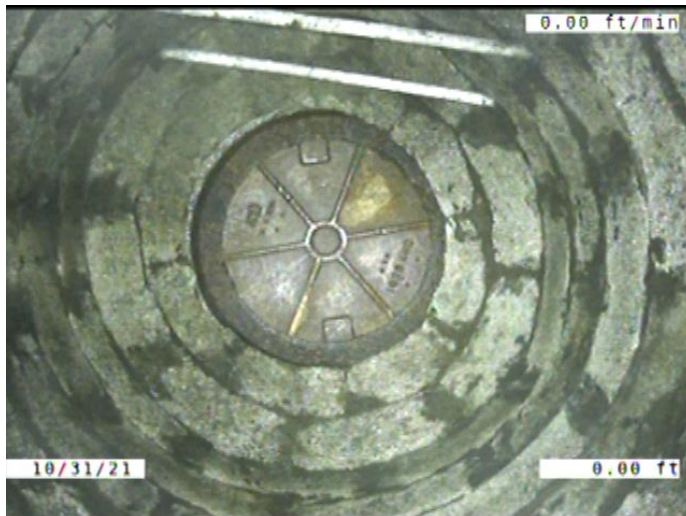
O&M Index:	1.73	O&M Quick:	362B	O&M Rating:	64.00
Structural Index:	2.67	Structural Quick:	5546	Structural Rating:	112.00
Overall Index:	2.23	Overall Quick:	5546	Overall Rating:	176.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	72	NA
2.7	RMJ	Roots Medium Joint	143	M 3
3.8	TFC	Tap Factory Capped	179	NA
3.8	OBM	Obstruction Pipe Material in Invert	200	M 2
4.0	DSGV	Deposits Settled Gravel	230	M 2
5.2	RMJ	Roots Medium Joint	263	M 3
6.2	TFD	Tap Factory Defective	301	M 3
6.7	BVV	Broken Void Visible	360	S 5
7.0	TBI	Tap Break-in Intruding	380	M 2
7.7	RMJ	Roots Medium Joint	434	M 3
7.7	ISJ	Infiltration Stain Joint	463	M 1
7.7	ISJ	Infiltration Stain Joint	485	M 1
10.6	RFJ	Roots Fine Joint	532	M 1
13.2	RFJ	Roots Fine Joint	562	M 1
15.8	RFJ	Roots Fine Joint	647	M 1
18.2	RFJ	Roots Fine Joint	695	M 1
23.2	MWLS(S01)	Miscellaneous Water Level Sag	729	S 2
23.9	SSS	Surface Damage Surface Spalling	747	S 2

31.4	FM	Fracture Multiple	823	S 4
31.6	TBA	Tap Break-in Activity	853	NA
33.8	RFJ	Roots Fine Joint	906	M 1
33.8	SMW	Surface Damage Missing Wall	947	S 5
35.7	MWLS(F01)	Miscellaneous Water Level Sag	981	S 2
37.2	TFC	Tap Factory Capped	1002	NA
39.8	TFC	Tap Factory Capped	1040	NA
46.6	RFJ	Roots Fine Joint	1117	M 1
47.1	SMW	Surface Damage Missing Wall	1178	S 5
47.5	TBI	Tap Break-in Intruding	1208	M 2
47.5	RFC	Roots Fine Connection	1230	M 1
49.3	RFJ	Roots Fine Joint	1258	M 1
51.7	RFJ	Roots Fine Joint	1299	M 1
54.6	MWLS(S02)	Miscellaneous Water Level Sag	1326	S 2
59.4	RFJ	Roots Fine Joint	1365	M 1
59.4	DAR	Deposits Attached Ragging	1378	M 2
62.1	RFJ	Roots Fine Joint	1409	M 1
70.8	SSS	Surface Damage Surface Spalling	1492	S 2
70.9	IDC	Infiltration Dripper Connection	1507	M 3
71.1	TBI	Tap Break-in Intruding	1528	M 2
78.4	TFC	Tap Factory Capped	1586	NA
80.0	SSS	Surface Damage Surface Spalling	1618	S 2
80.2	SSS	Surface Damage Surface Spalling	1643	S 2
80.2	FM	Fracture Multiple	1661	S 4
81.0	TFC	Tap Factory Capped	1689	NA
82.8	FL	Fracture Longitudinal	1744	S 3
86.3	SSS	Surface Damage Surface Spalling	1800	S 2
86.7	B	Broken	1835	S 4
86.8	TBI	Tap Break-in Intruding	1851	M 2
87.3	MWLS(F02)	Miscellaneous Water Level Sag	1871	S 2
89.2	MWLS(S03)	Miscellaneous Water Level Sag	1896	S 2
97.8	OBM	Obstruction Pipe Material in Invert	1968	M 2
103.4	OBZ	Obstruction Other	2030	M 2
108.4	BSV	Broken Soil Visible	2127	S 5
109.1	TBI	Tap Break-in Intruding	2143	M 2
110.5	OBZ	Obstruction Other	2175	M 2
114.0	SSS	Surface Damage Surface Spalling	2219	S 2
117.1	TFC	Tap Factory Capped	2250	NA
118.9	FM	Fracture Multiple	2315	S 4
118.9	MWLS(F03)	Miscellaneous Water Level Sag	2336	S 2
124.5	SSS	Surface Damage Surface Spalling	2407	S 2
125.1	TBI	Tap Break-in Intruding	2432	M 2

144.7	B	Broken	2587	S 4
144.7	ISB	Infiltration Stain Barrel	2611	M 1
145.5	SMW	Surface Damage Missing Wall	2631	S 5
146.0	ISB	Infiltration Stain Barrel	2659	M 1
146.0	SSS	Surface Damage Surface Spalling	2664	S 2
146.6	TBI	Tap Break-in Intruding	2689	M 2
157.6	FM	Fracture Multiple	2774	S 4
158.5	TFC	Tap Factory Capped	2797	NA
161.0	TFD	Tap Factory Defective	2832	M 3
161.5	SSS	Surface Damage Surface Spalling	2883	S 2
161.8	TBI	Tap Break-in Intruding	2910	M 2
170.6	RFJ	Roots Fine Joint	2987	M 1
170.6	DAE	Deposits Attached Encrustation	3023	M 2
178.7	MWLS(S04)	Miscellaneous Water Level Sag	3087	S 2
205.6	MWLS(F04)	Miscellaneous Water Level Sag	3293	S 2
210.2	AMH	Manhole	3449	NA

**M-504-036**

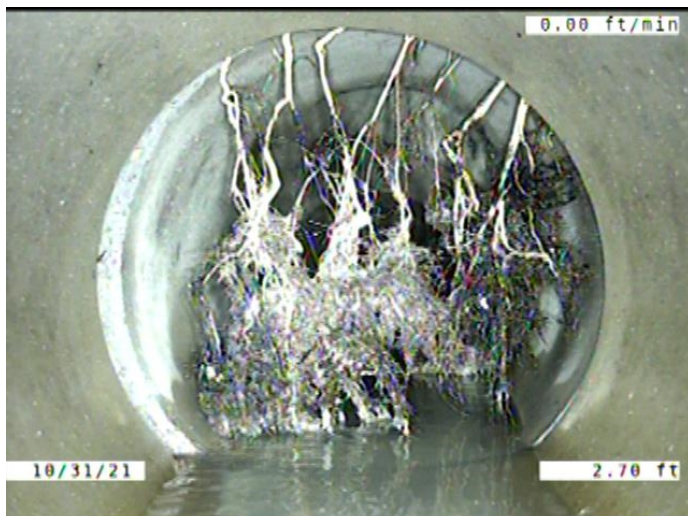


Code: **AMH**  
Description: **Manhole**  
  
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **M-504-035**



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

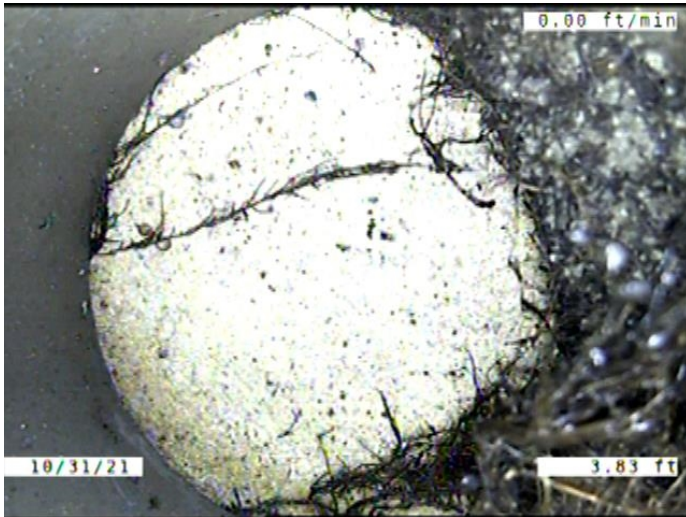
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



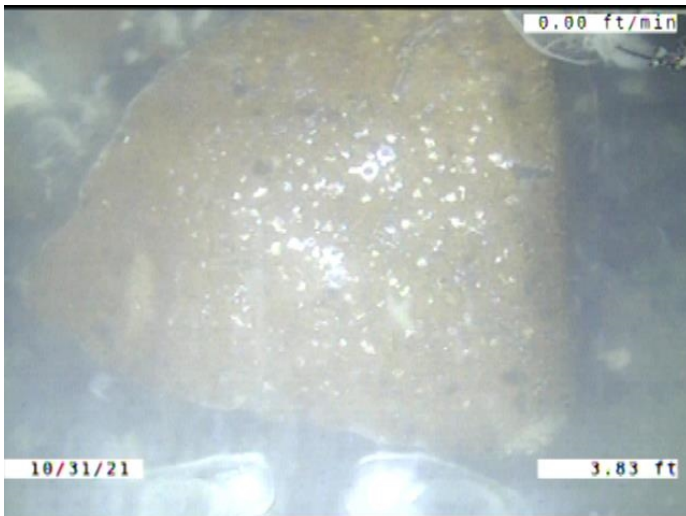
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **2.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **40.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

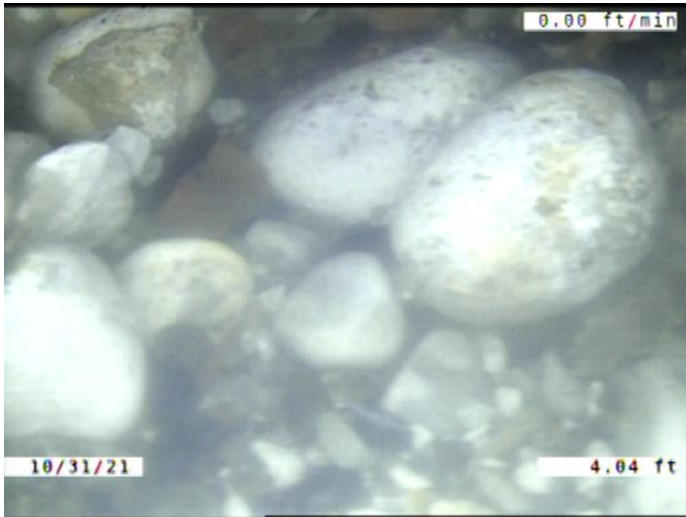




Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>3.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING AROUND THE CAP</b>



Code:	<b>OBM</b>
Description:	<b>Obstruction Pipe Material in Invert</b>
Distance (ft):	<b>3.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>6</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



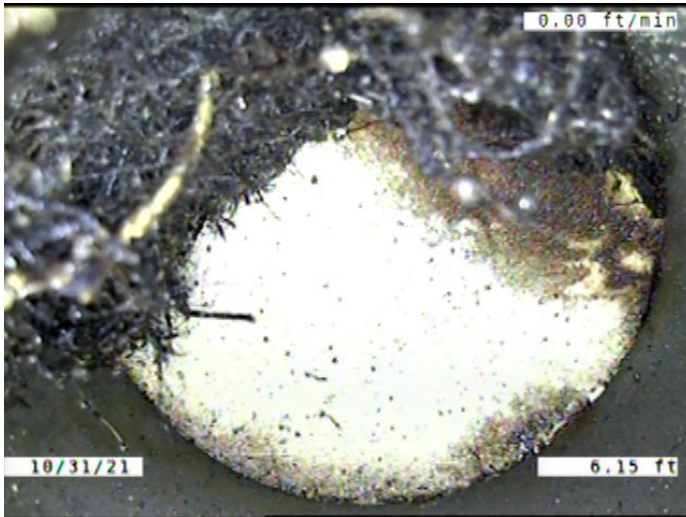
Code: **DSGV**  
 Description: **Deposits Settled Gravel**

Distance (ft): **4.0**  
 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:



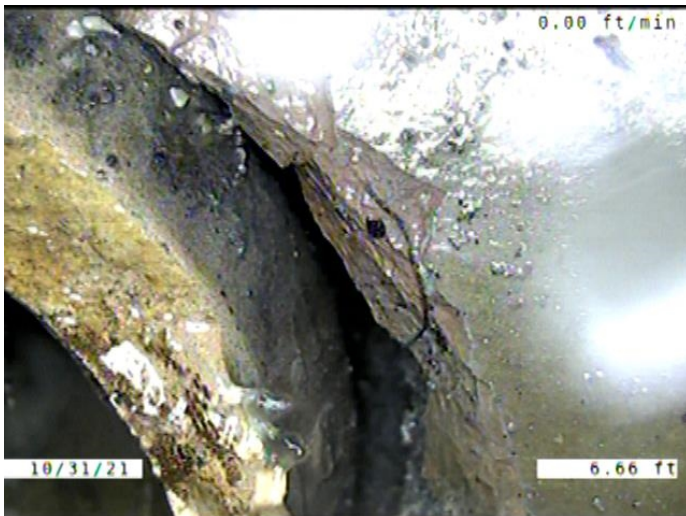
Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **5.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **50.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

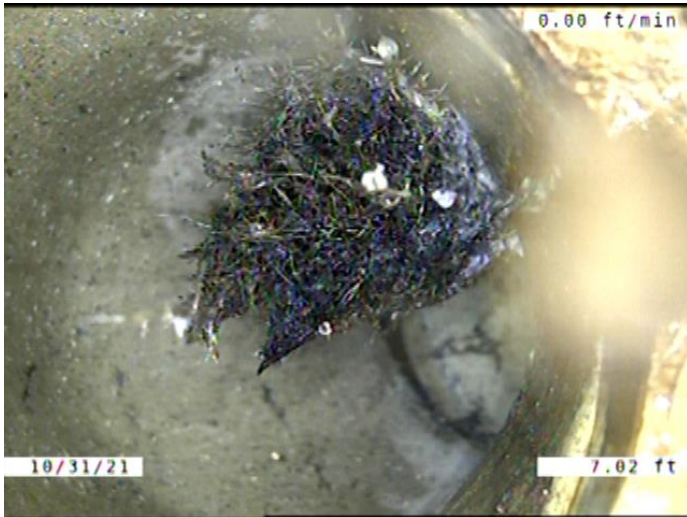
Distance (ft): **6.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CAPPED. ROOTS GROWING AROUND THE CAP AND INTO THE MAIN**



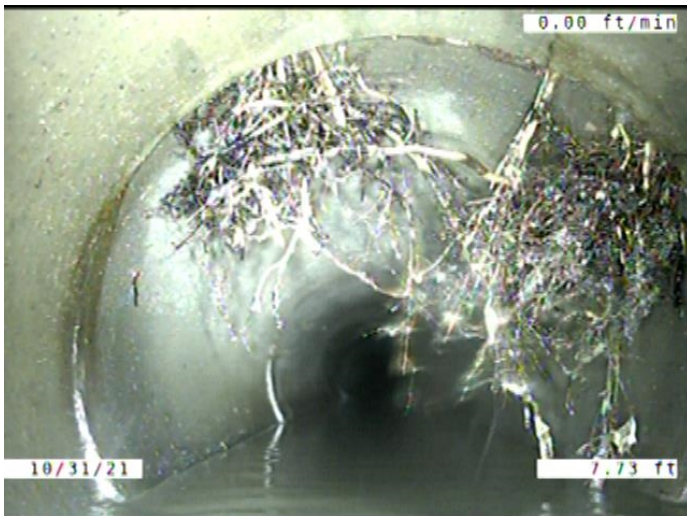
Code: **BVV**  
 Description: **Broken Void Visible**

Distance (ft): **6.7**  
 Structural Grade: **5**  
 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:

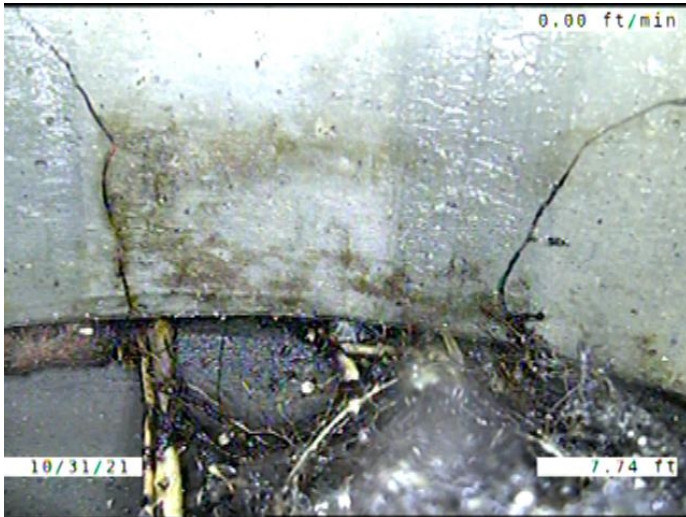




Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>7.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CONSTANTLY RUNNING WATER. ROOTS GROWING OUT OF IT</b>

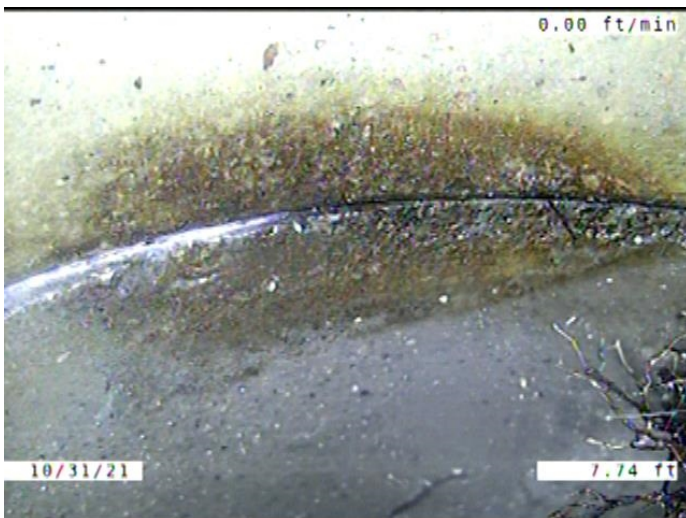


Code:	<b>RMJ</b>
Description:	<b>Roots Medium Joint</b>
Distance (ft):	<b>7.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>10</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



Code: **ISJ**  
 Description: **Infiltration Stain Joint**

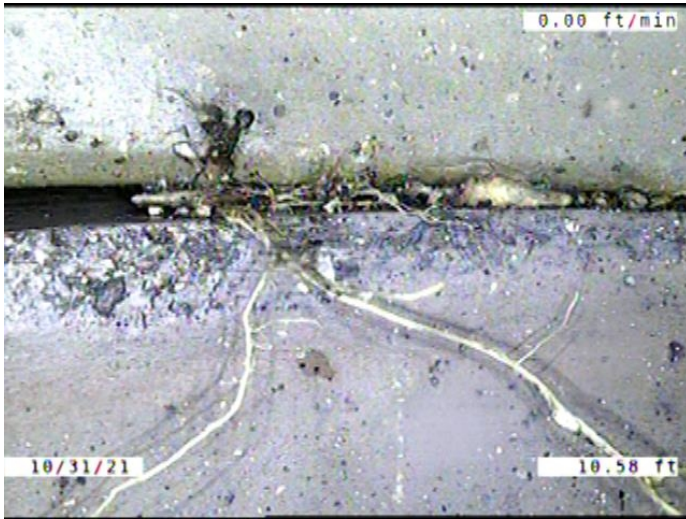
Distance (ft): **7.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **12**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **ISJ**  
 Description: **Infiltration Stain Joint**

Distance (ft): **7.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **10.6**  
 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:



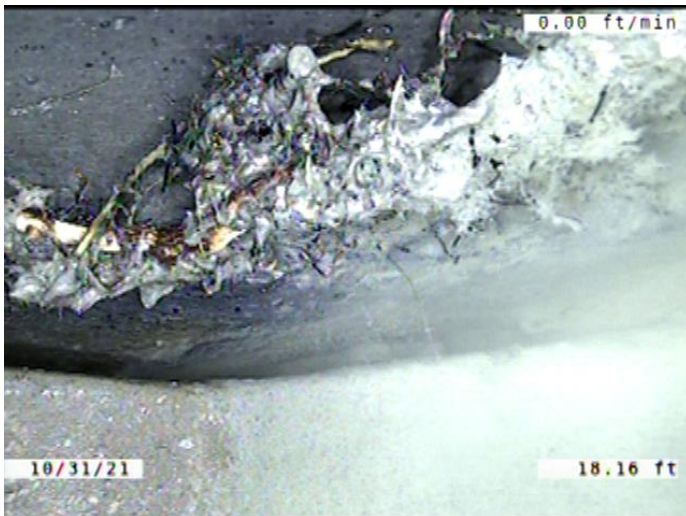
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **13.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 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): **15.8**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



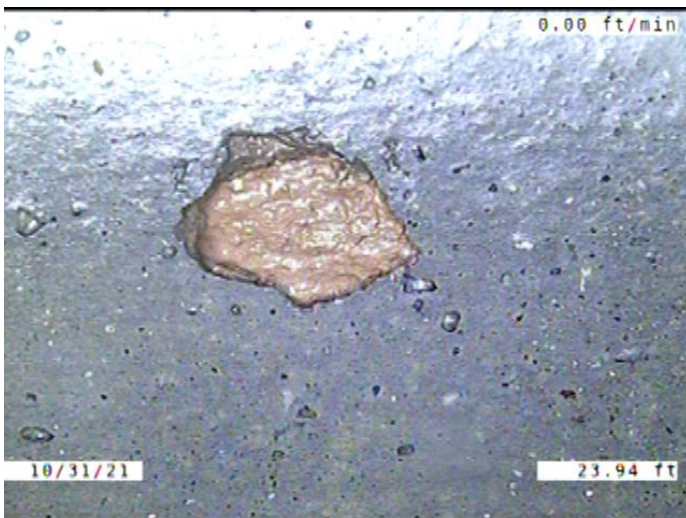
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **18.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **23.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

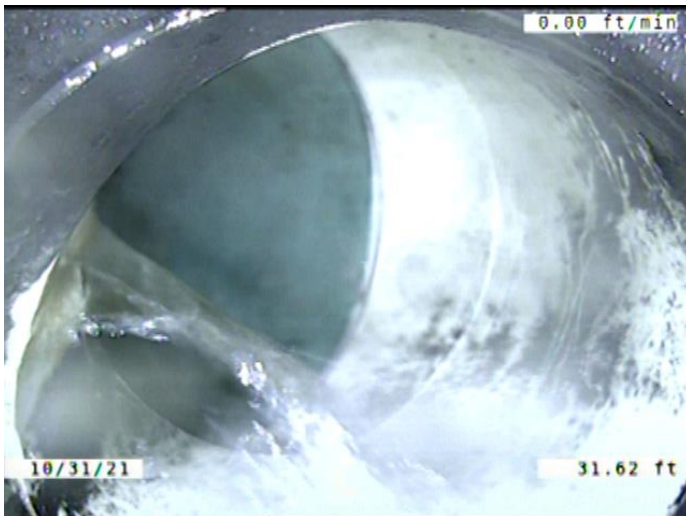
Distance (ft): **23.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **31.4**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



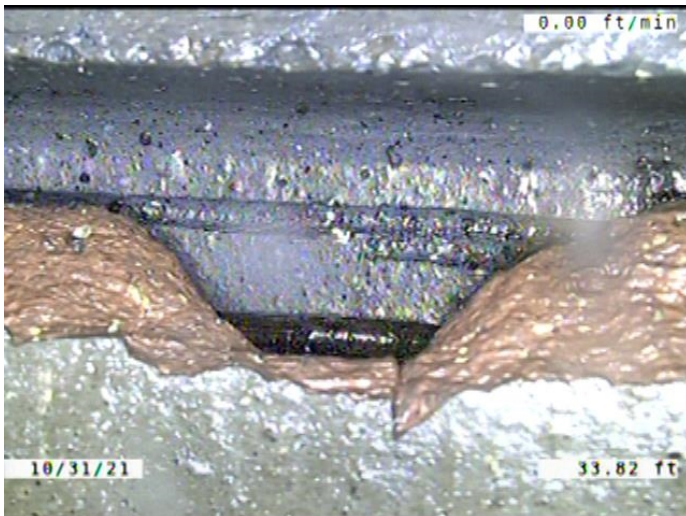
Code: **TBA**  
 Description: **Tap Break-in Activity**

Distance (ft): **31.6**  
 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: **RFJ**  
 Description: **Roots Fine Joint**

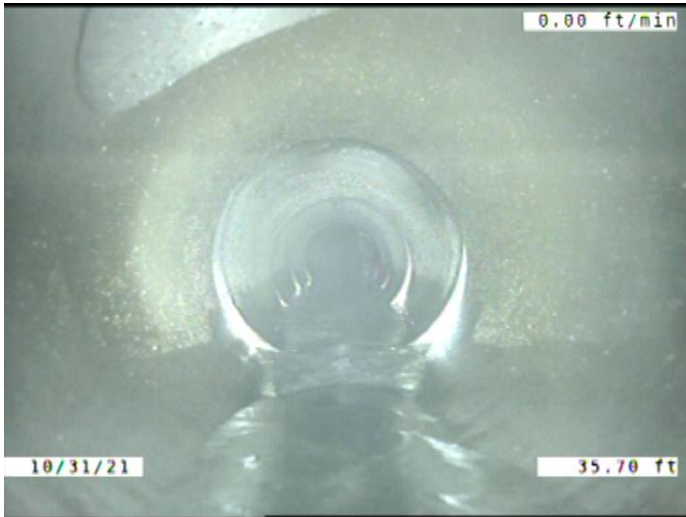
Distance (ft): **33.8**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **4**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

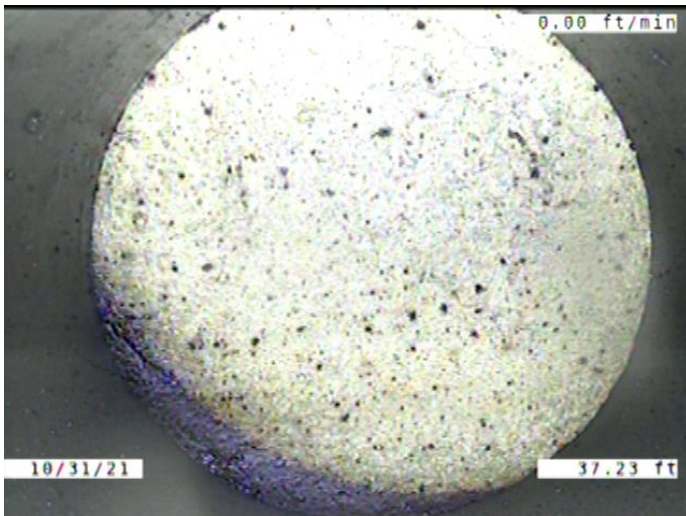
Distance (ft): **33.8**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **INSIDE OF THE JOINT**





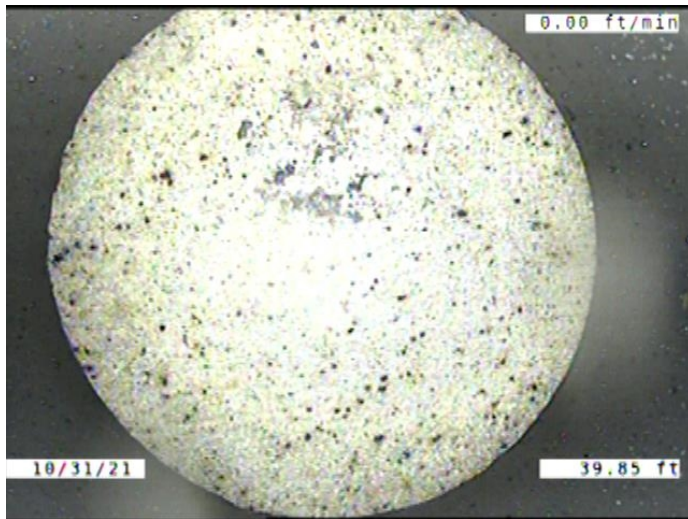
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **35.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **37.2**  
 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: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **39.8**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

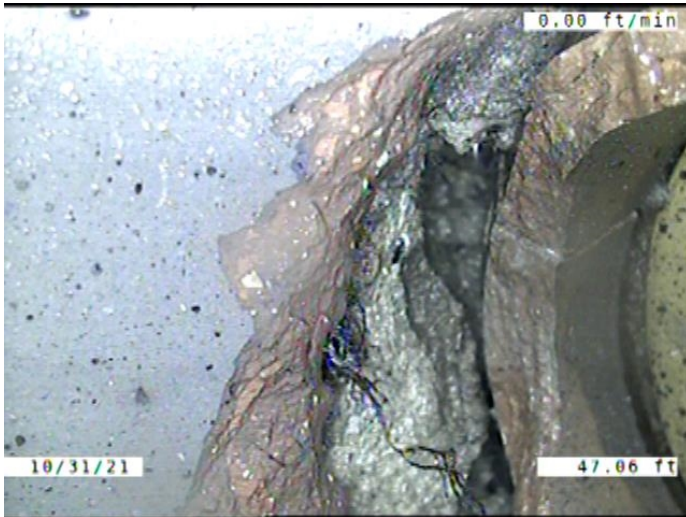
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Code: **RFJ**  
 Description: **Roots Fine Joint**

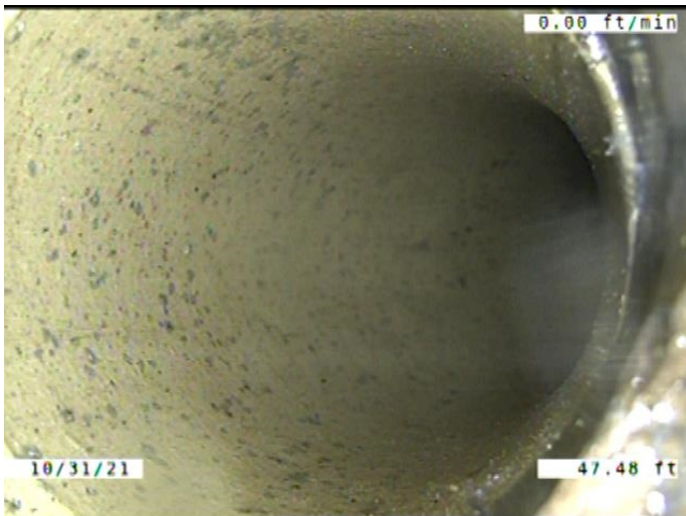
Distance (ft): **46.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **2**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **47.1**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

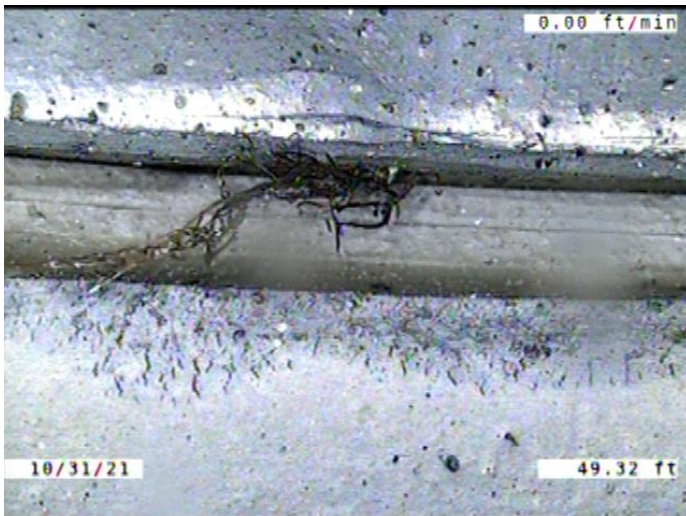
Distance (ft): **47.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER.**





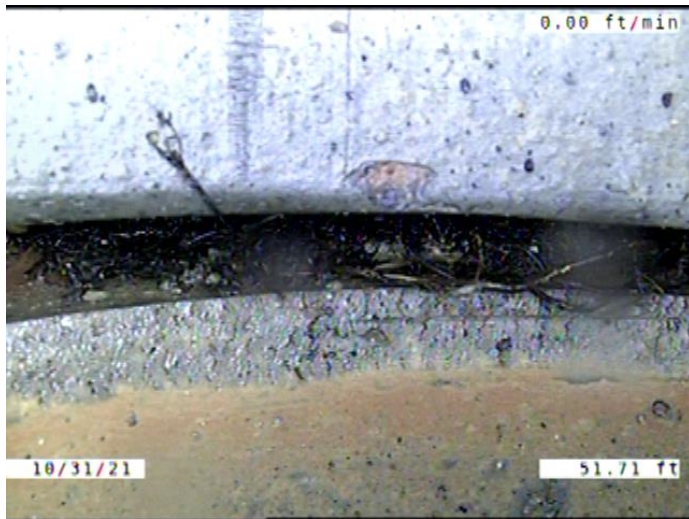
Code: **RFC**  
 Description: **Roots Fine Connection**

Distance (ft): **47.5**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **49.3**  
 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: **RFJ**  
 Description: **Roots Fine Joint**

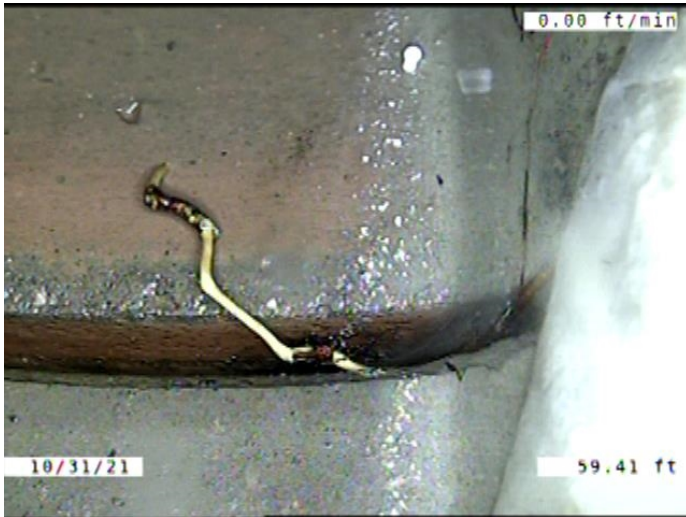
Distance (ft): **51.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

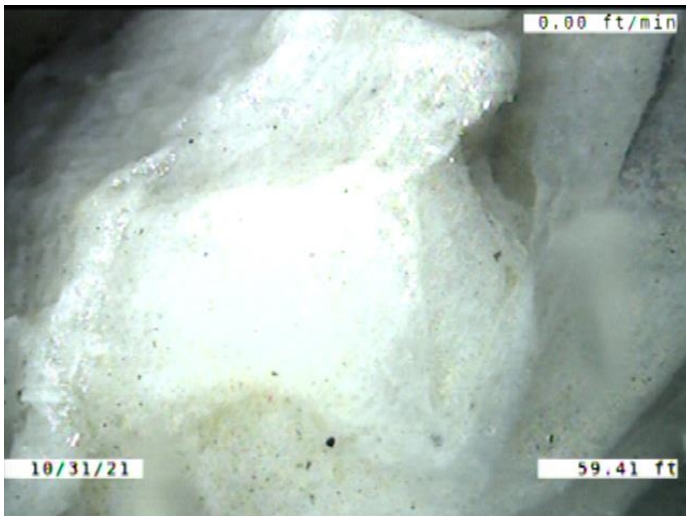
Distance (ft): **54.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **NO**  
 Remarks:





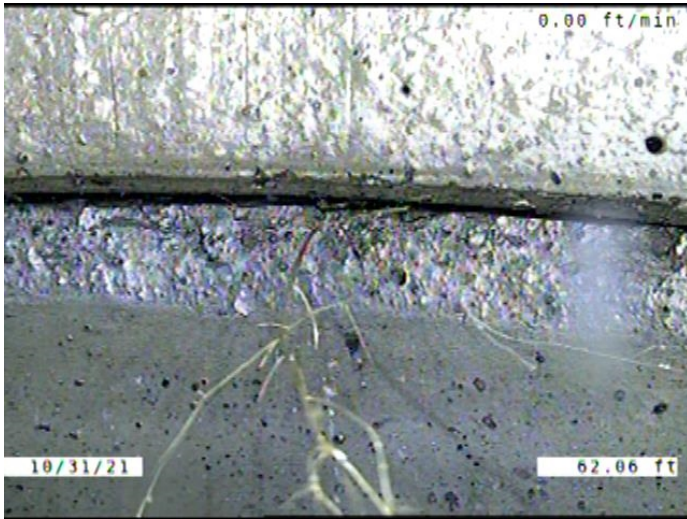
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **59.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

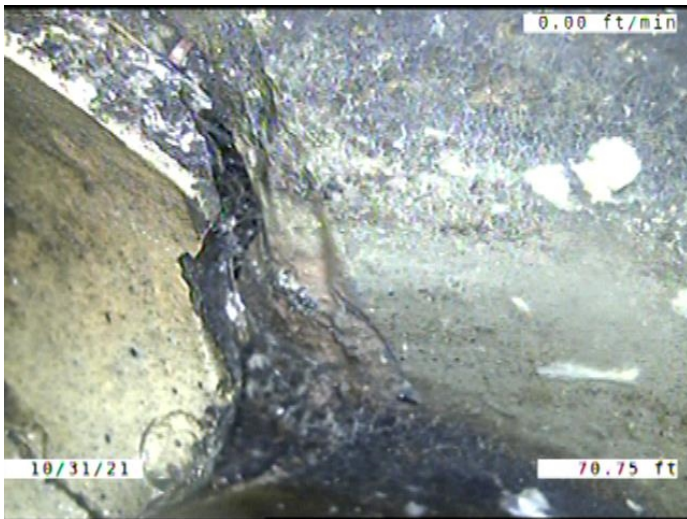
Distance (ft): **59.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **62.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

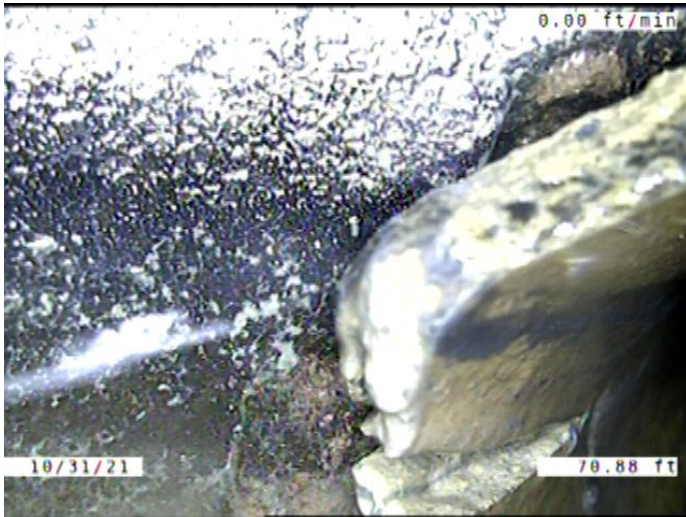
---



Code: **SSS**  
Description: **Surface Damage Surface Spalling**

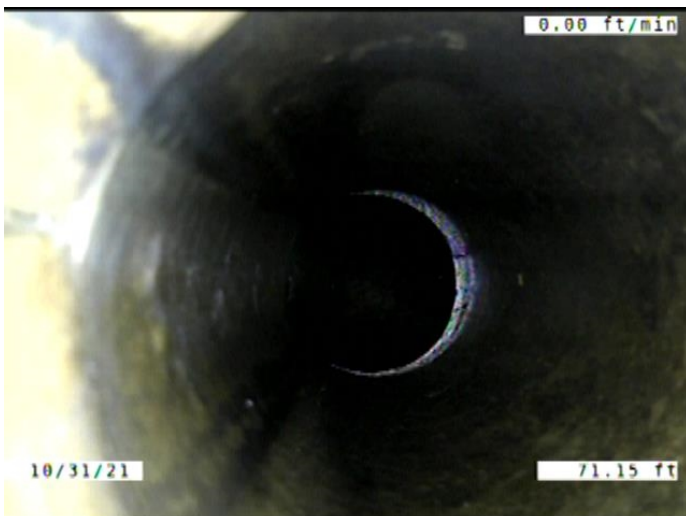
Distance (ft): **70.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **IDC**  
 Description: **Infiltration Dripper Connection**

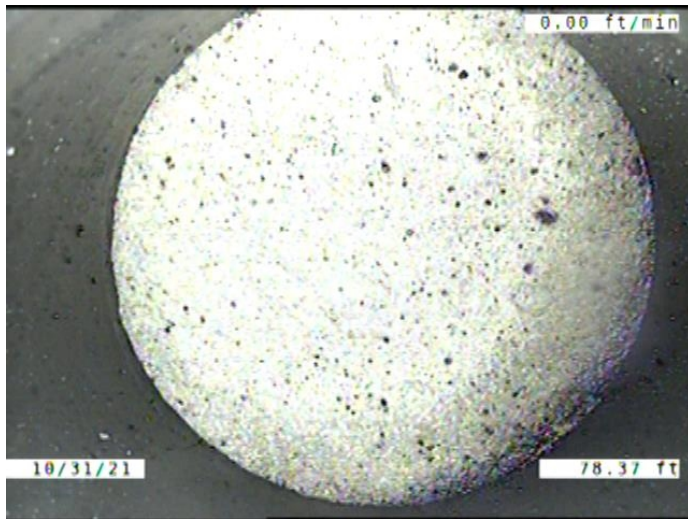
Distance (ft): **70.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **71.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER.**





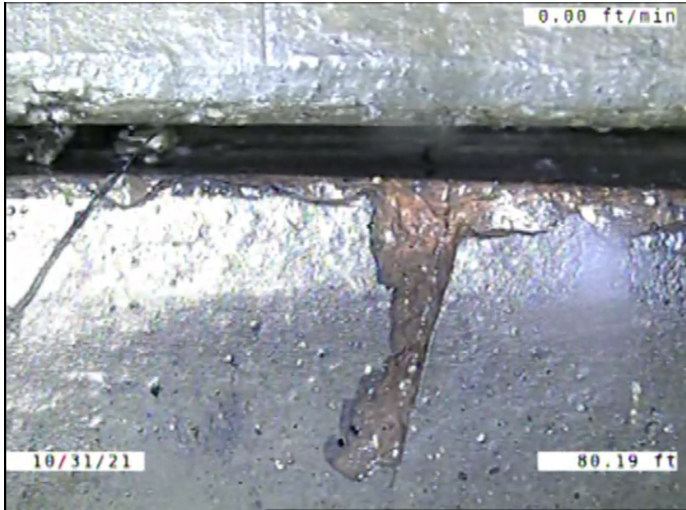
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **78.4**  
 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: **SSS**  
 Description: **Surface Damage Surface Spalling**

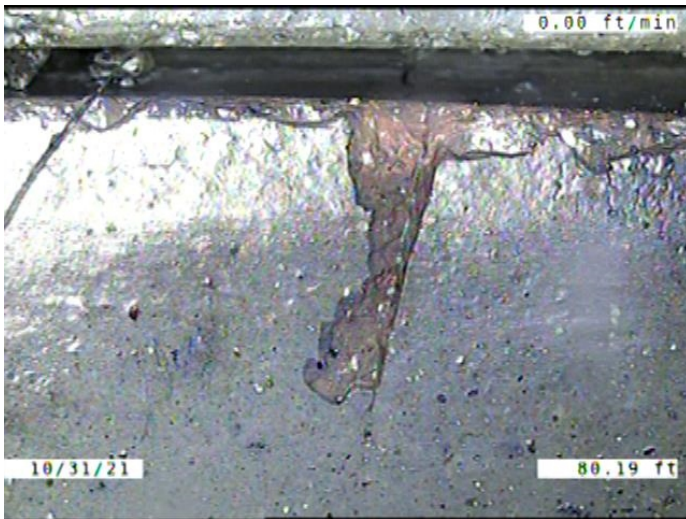
Distance (ft): **80.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **80.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

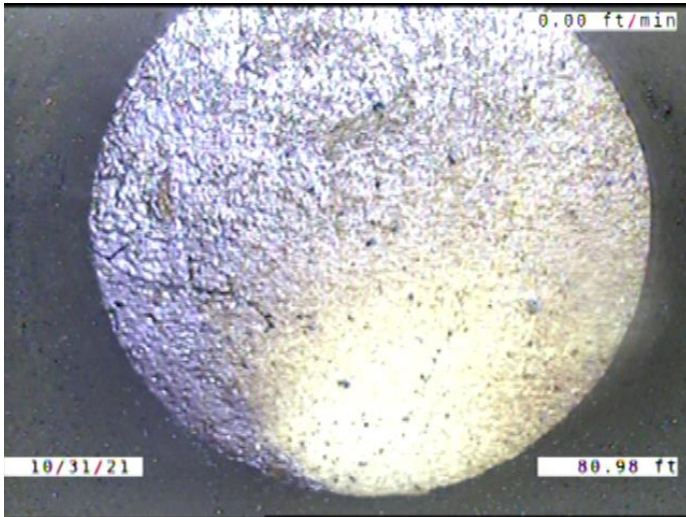


Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **80.2**  
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:

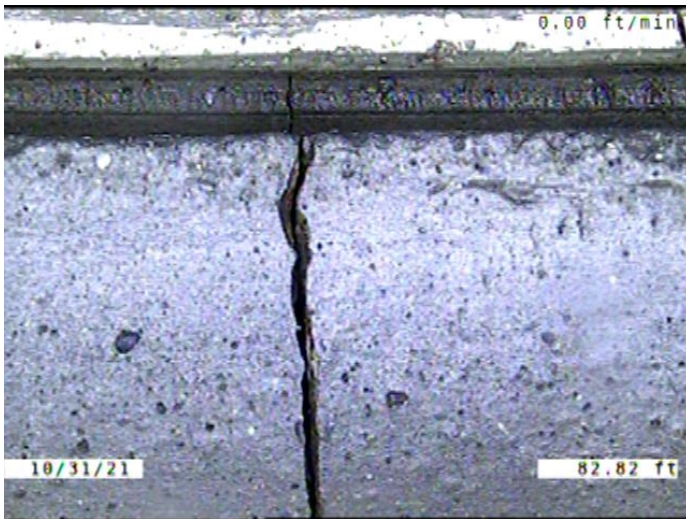
---





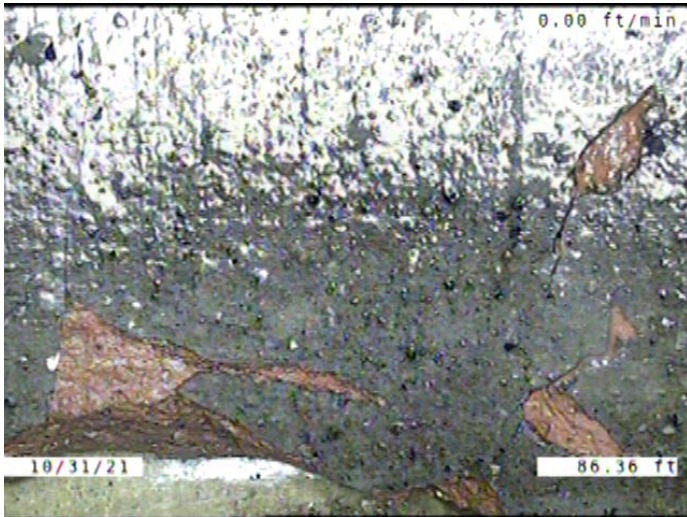
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **81.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

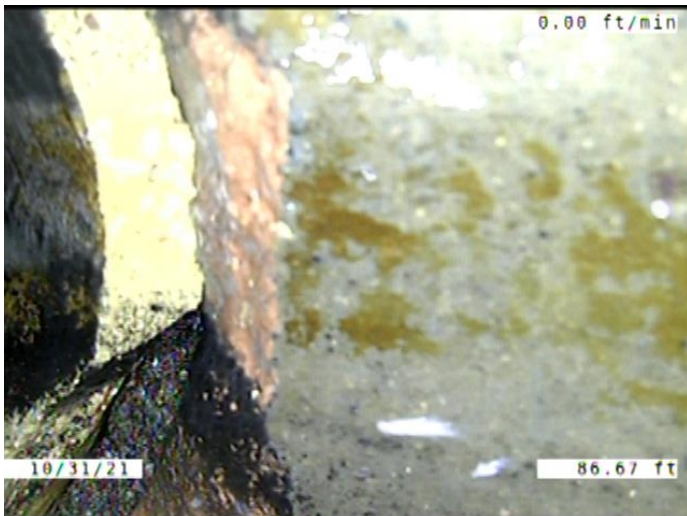
Distance (ft): **82.8**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **86.3**  
 Structural Grade: **2**  
 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:

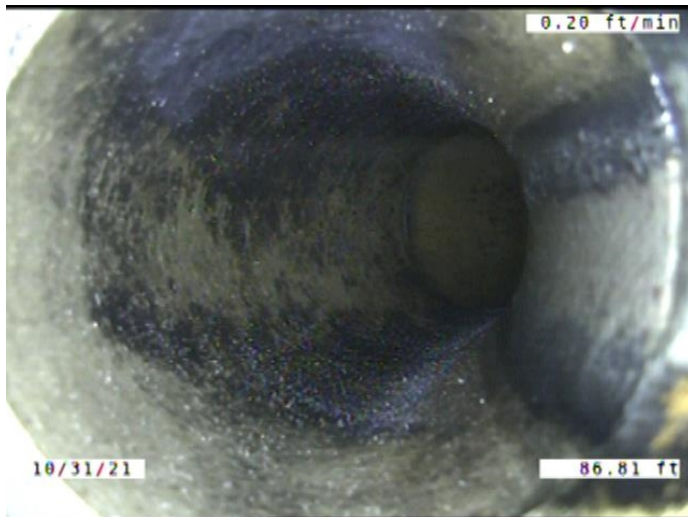
---



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

Distance (ft): **86.7**  
 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: **TBI**  
 Description: **Tap Break-in Intruding**

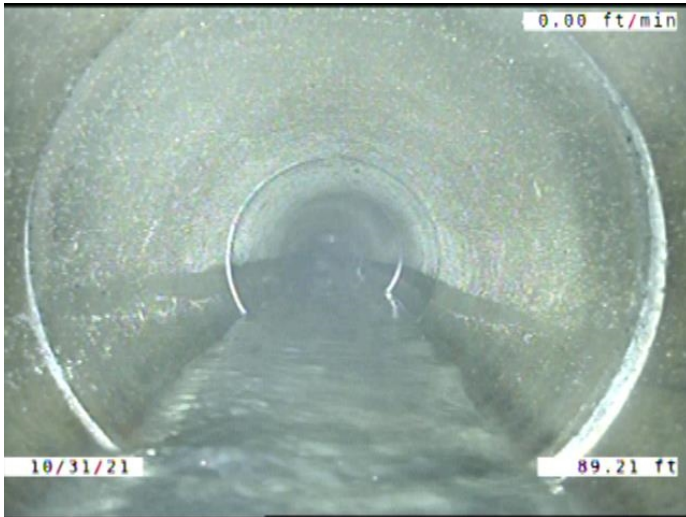
Distance (ft): **86.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **87.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F02**  
 Within 8" of Joint: **NO**  
 Remarks:





Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **89.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **NO**  
 Remarks:

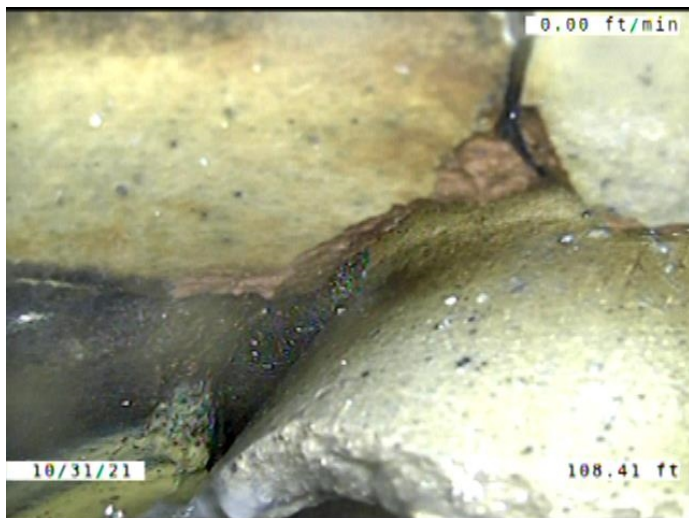


Code: **OBM**  
 Description: **Obstruction Pipe Material in Invert**

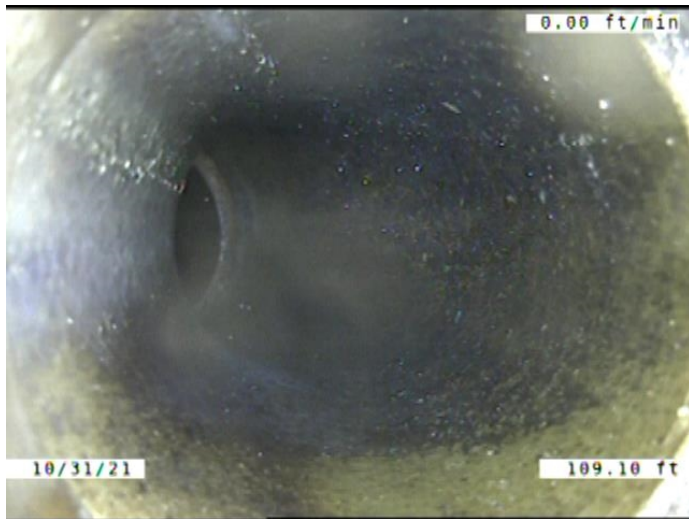
Distance (ft): **97.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	<b>OBZ</b>
Description:	<b>Obstruction Other</b>
Distance (ft):	<b>103.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>5</b>
Clock To:	<b>7</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS THAT HAVE BEEN CUT OUT</b>



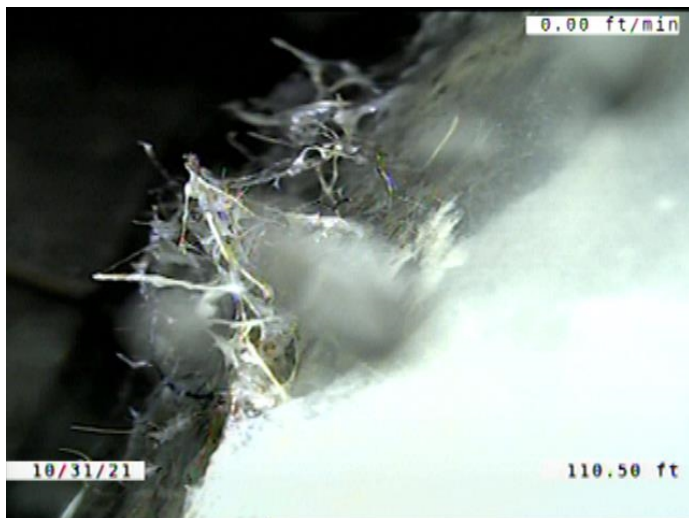
Code:	<b>BSV</b>
Description:	<b>Broken Soil Visible</b>
Distance (ft):	<b>108.4</b>
Structural Grade:	<b>5</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

Distance (ft): **109.1**  
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: **YES**  
Remarks:

---



Code: **OBZ**  
Description: **Obstruction Other**

Distance (ft): **110.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **6**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ROOTS WE CUT OUT**

---

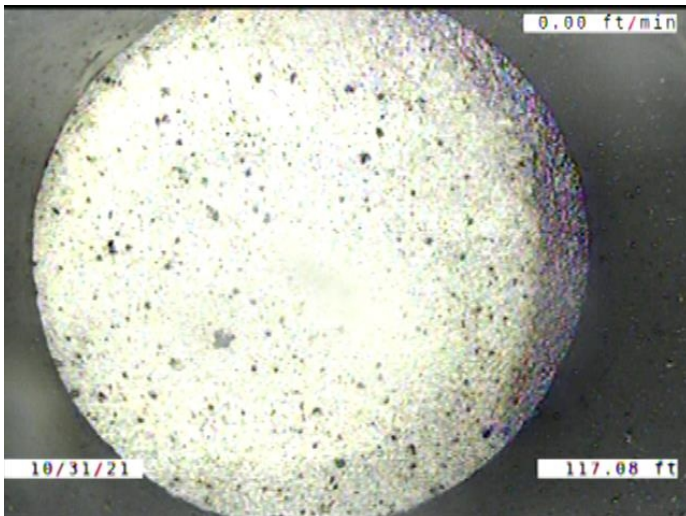




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **114.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

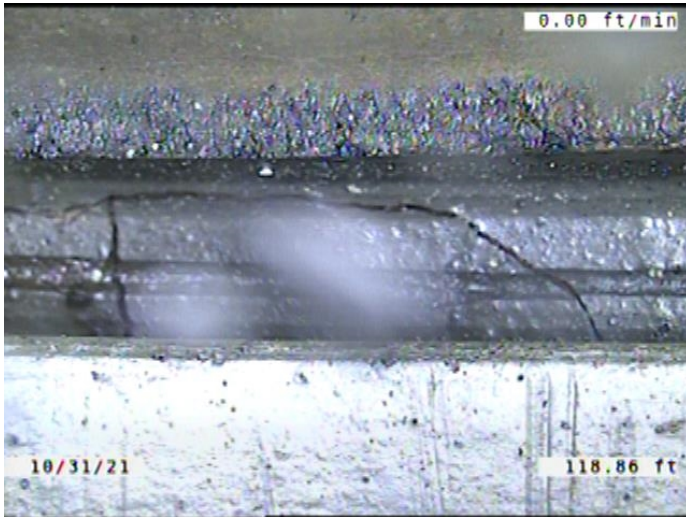
---



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

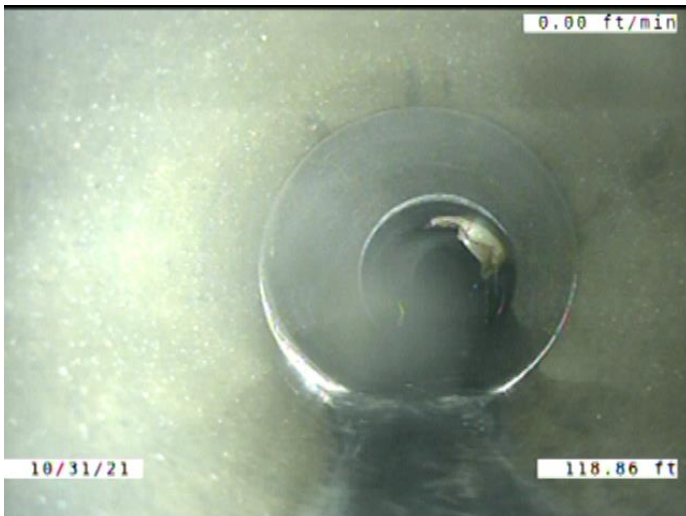
Distance (ft): **117.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



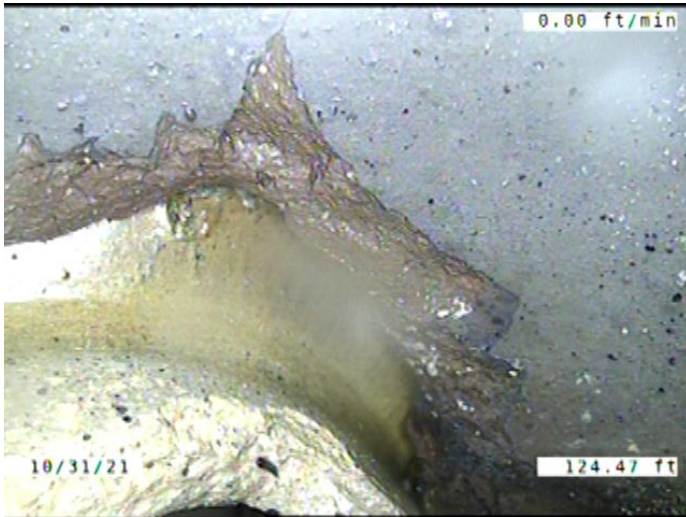
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **118.9**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



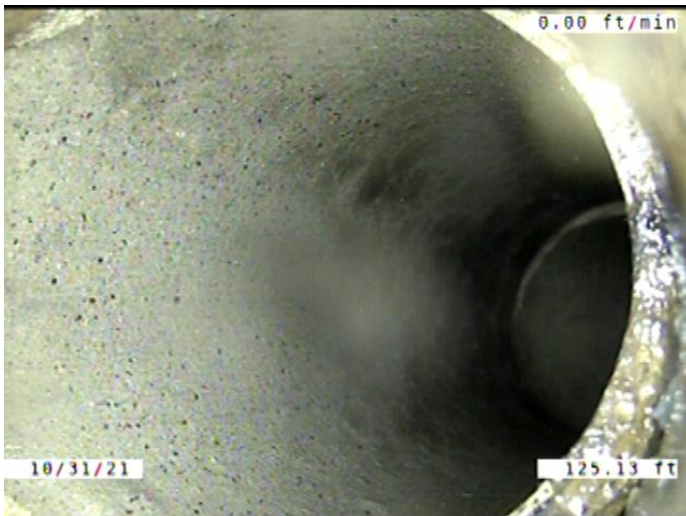
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **118.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

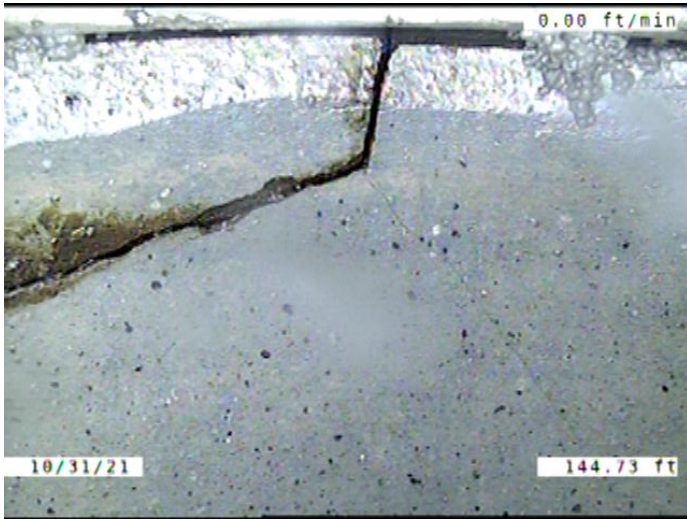
Distance (ft): **124.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

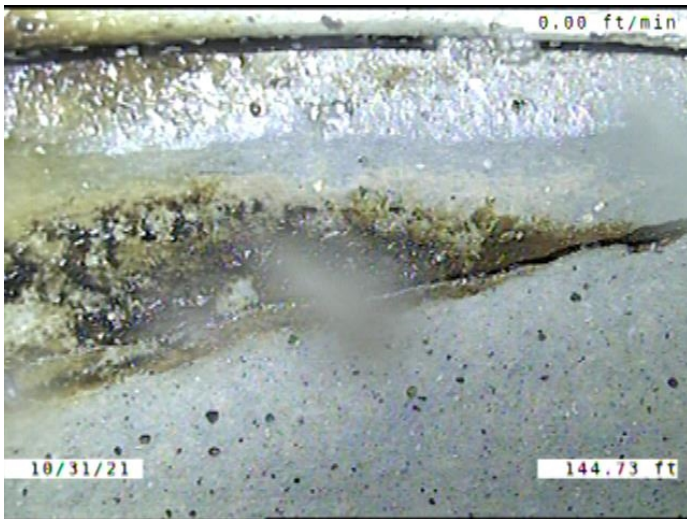
Distance (ft): **125.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **3.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





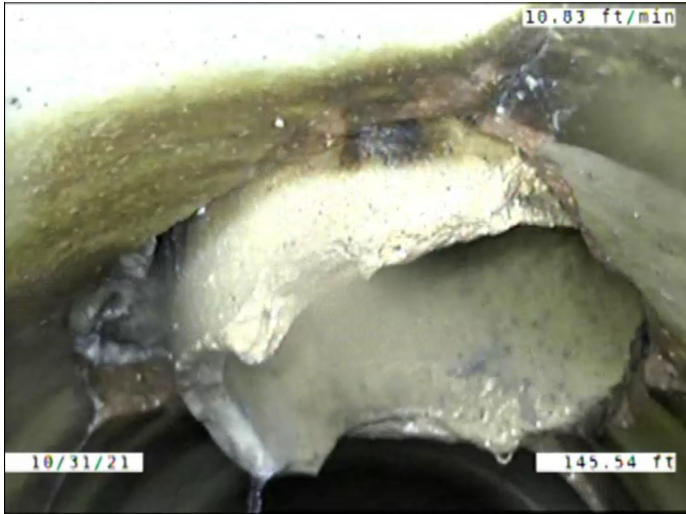
Code: **B**  
 Description: **Broken**

Distance (ft): **144.7**  
 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: **ISB**  
 Description: **Infiltration Stain Barrel**

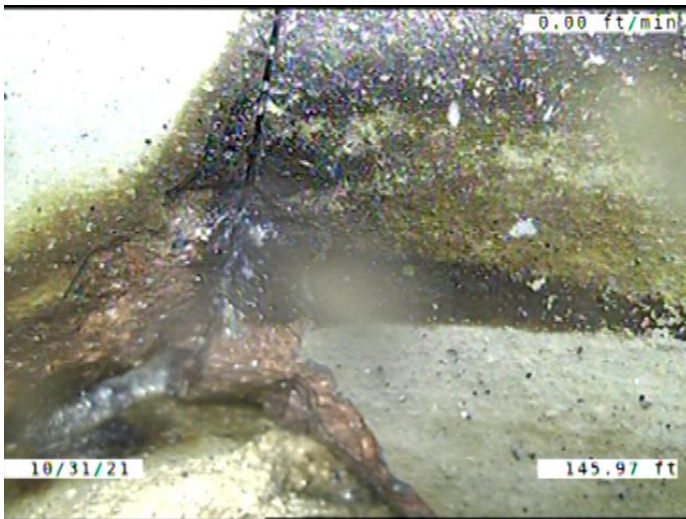
Distance (ft): **144.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **145.5**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

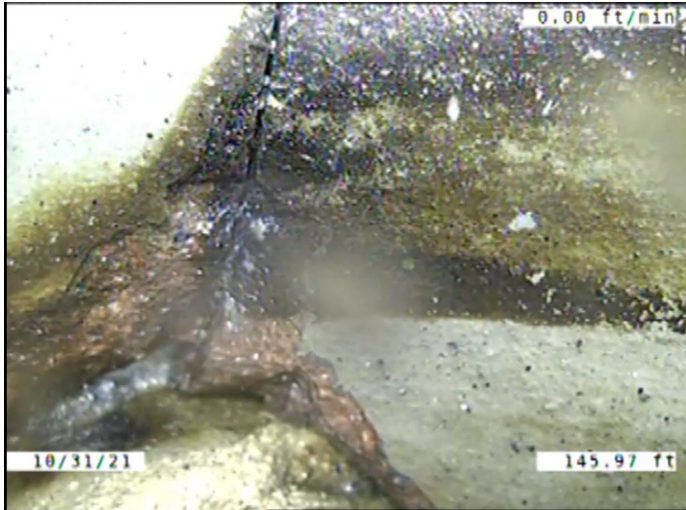
---



Code: **ISB**  
Description: **Infiltration Stain Barrel**

Distance (ft): **146.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

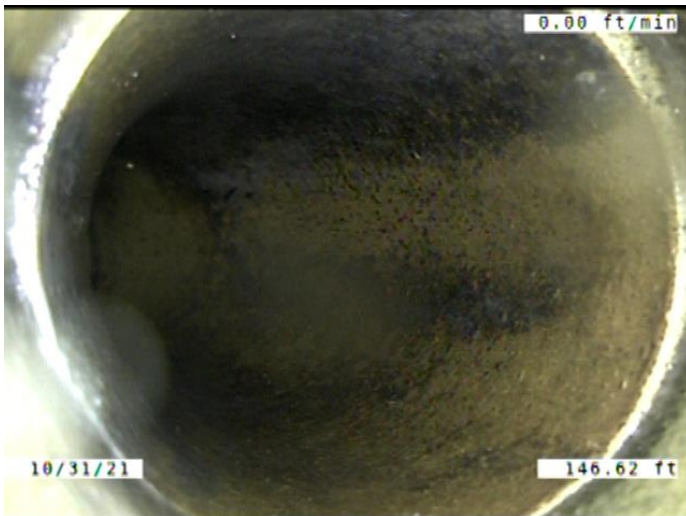
---



Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **146.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

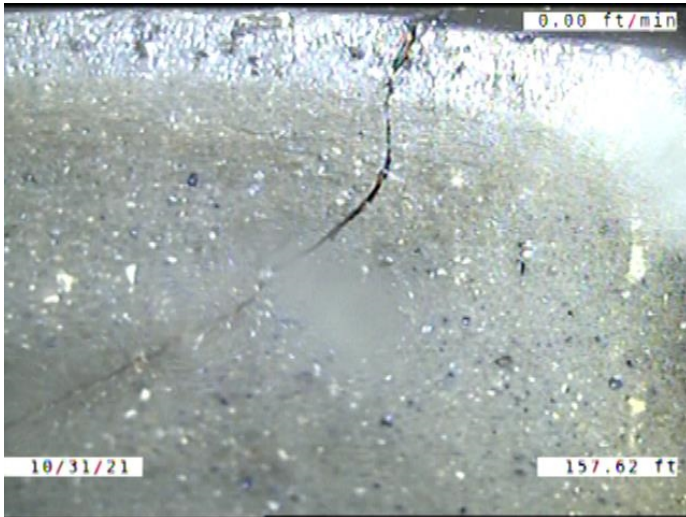


Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **146.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **2.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**

---

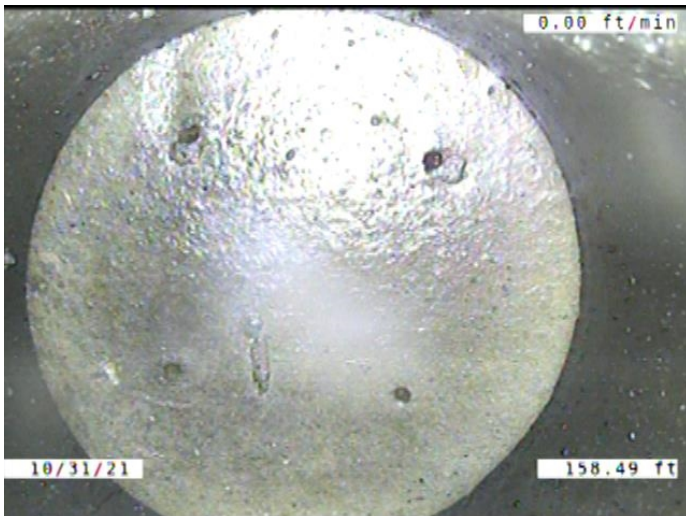




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **157.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

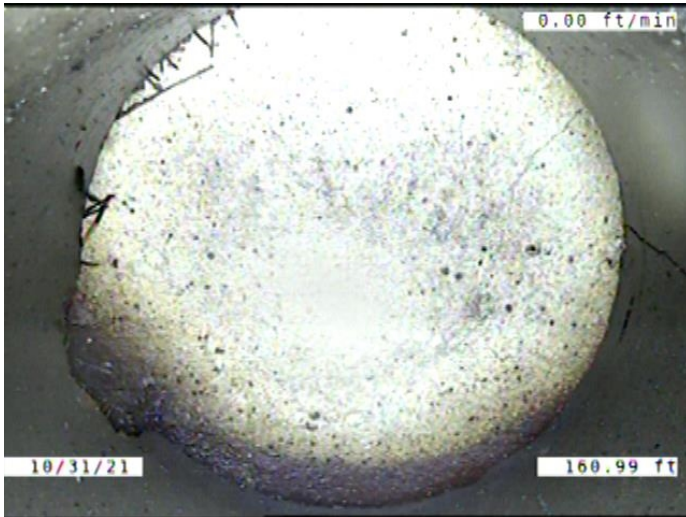
---



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

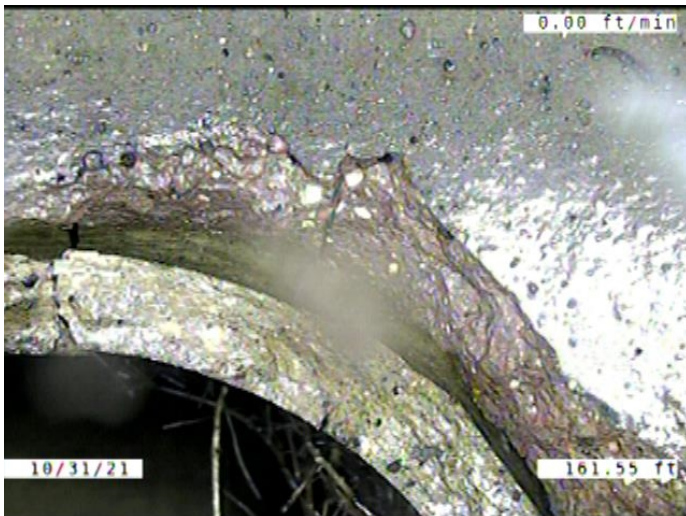
Distance (ft): **158.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	161.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	A PIECE CHIPPED OUT TAP CRACKED. ROOTS GROWING AROUND THE CAP

---



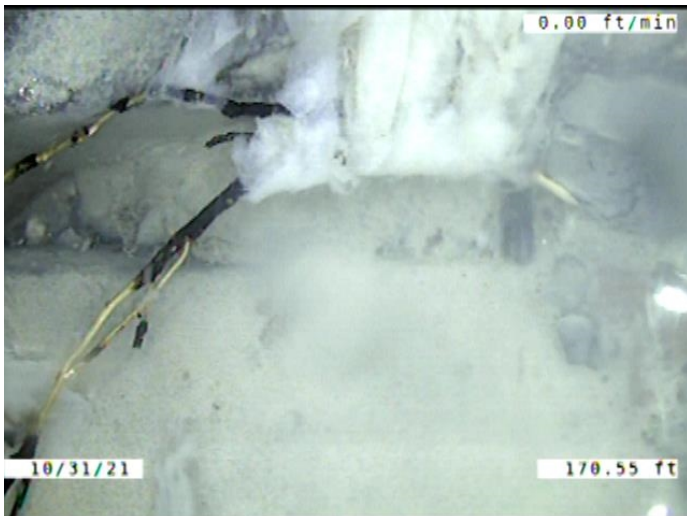
Code:	SSS
Description:	Surface Damage Surface Spalling
Distance (ft):	161.5
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	12
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

---



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

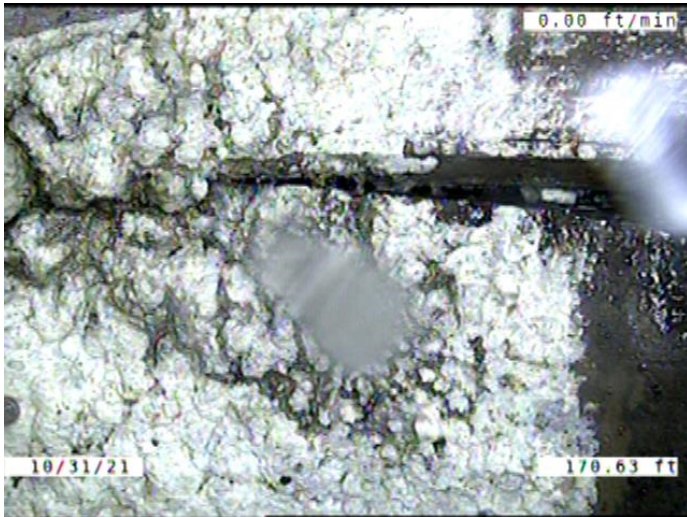
Distance (ft): **161.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ROOTS GROWING IN THE TAP**



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

Distance (ft): **170.6**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **6**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

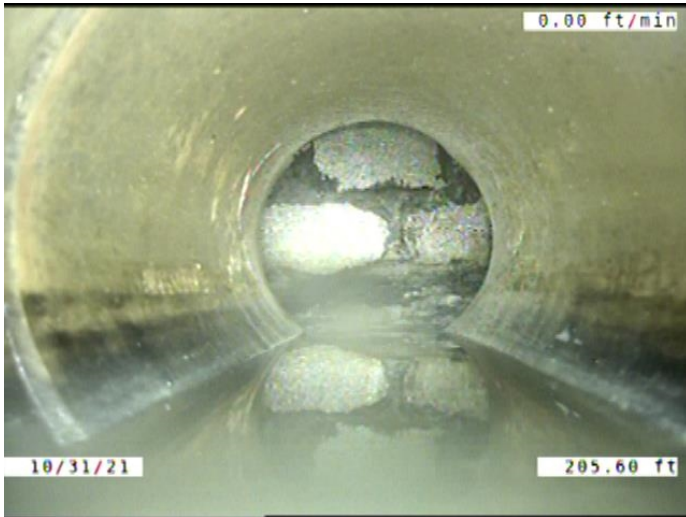




Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>170.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>1</b>
Clock To:	<b>3</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



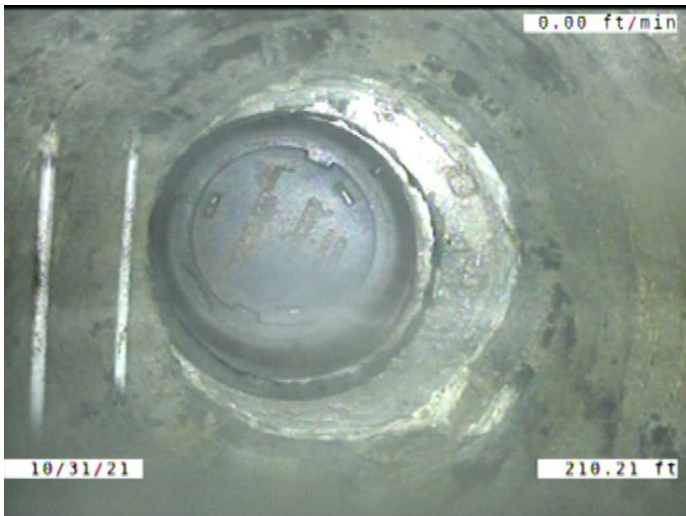
Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>178.7</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	<b>S04</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	



Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **205.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **NO**  
 Remarks:

---



Code: **AMH**  
 Description: **Manhole**

Distance (ft): **210.2**  
 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-504-036**