

# Profile/Photo Observation Report



Date:	<b>11/07/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>259.9</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>Steven Bucklin</b>	PSR:	<b>P-505-066-067</b>
Customer:	<b>City of Hobart, IN (Red</b>	Clean Date:	<b>11/06/2021</b>	Shape:	<b>C</b>

Street:	<b>West 2nd Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>City of Hobart</b>	Year Renewed:	
Location:	<b>Alley</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-505-067</b>	DS MH:	<b>M-505-066</b>
		Total Length Surveyed (ft):	<b>259.9</b>

O&M Index:	<b>2.06</b>	O&M Quick:	<b>4532</b>	O&M Rating:	<b>130.00</b>
Structural Index:	<b>2.29</b>	Structural Quick:	<b>3A2D</b>	Structural Rating:	<b>80.00</b>
Overall Index:	<b>2.14</b>	Overall Quick:	<b>453A</b>	Overall Rating:	<b>210.00</b>

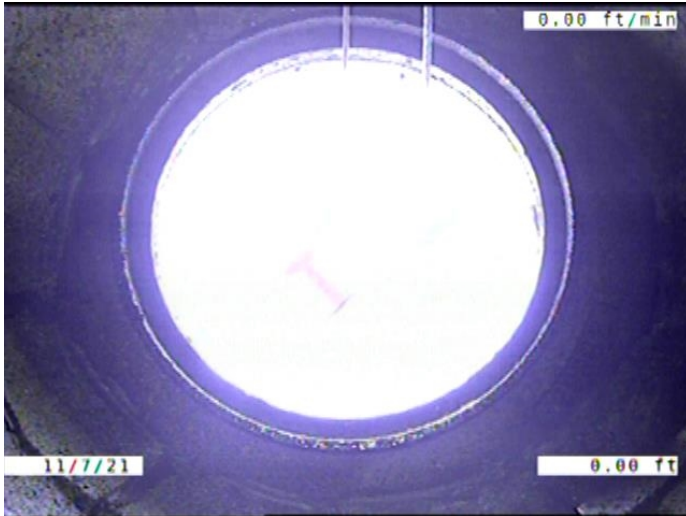
	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	2	NA
	.0	MWL	Miscellaneous Water Level	82	NA
	10.6	DAE	Deposits Attached Encrustation	182	M 2
	16.7	ISJ	Infiltration Stain Joint	252	M 1
	19.6	FS	Fracture Spiral	307	S 3
	19.6	DAE	Deposits Attached Encrustation	323	M 2
	25.2	TF	Tap Factory	379	NA
	26.5	MWL	Miscellaneous Water Level	409	NA
	27.3	TF	Tap Factory	436	NA
	34.9	IRJ	Infiltration Runner Joint	523	M 4
	34.9	RFJ	Roots Fine Joint	554	M 1
	34.9	DAE	Deposits Attached Encrustation	580	M 2
	40.9	DAE(S01)	Deposits Attached Encrustation	665	M 2
	40.9	IWJ	Infiltration Weeper Joint	678	M 2
	46.9	MWL	Miscellaneous Water Level	737	NA
	48.0	TFC	Tap Factory Capped	759	NA
	51.2	TFC	Tap Factory Capped	799	NA
	55.8	DAE(F01)	Deposits Attached Encrustation	841	M 2
	60.6	MWLS(S02)	Miscellaneous Water Level Sag	871	S 2

65.3	DAE	Deposits Attached Encrustation	913	M 2
65.3	IWJ	Infiltration Weeper Joint	928	M 2
65.3	RFJ	Roots Fine Joint	944	M 1
71.3	DAE(S03)	Deposits Attached Encrustation	1024	M 2
71.3	RFJ	Roots Fine Joint	1049	M 1
80.9	SZ	Surface Damage Other	1148	NA
81.6	TF	Tap Factory	1163	NA
89.7	RFJ	Roots Fine Joint	1248	M 1
89.7	IRJ	Infiltration Runner Joint	1261	M 4
94.4	DAR	Deposits Attached Ragging	1311	M 2
94.4	OBN	Obstruction Construction Debris	1346	M 2
95.8	RFJ	Roots Fine Joint	1393	M 1
95.8	IRJ	Infiltration Runner Joint	1414	M 4
99.0	RFJ	Roots Fine Joint	1455	M 1
100.6	MWLS(F02)	Miscellaneous Water Level Sag	1483	S 2
102.9	TFC	Tap Factory Capped	1512	NA
105.9	TFA	Tap Factory Activity	1552	NA
118.4	MWLS(S04)	Miscellaneous Water Level Sag	1621	S 2
137.4	TF	Tap Factory	1725	NA
139.1	TF	Tap Factory	1759	NA
141.0	MWLS(F04)	Miscellaneous Water Level Sag	1786	S 2
145.2	MWLS(S05)	Miscellaneous Water Level Sag	1815	S 2
148.8	TFC	Tap Factory Capped	1852	NA
151.8	TF	Tap Factory	1892	NA
152.7	MWLS(F05)	Miscellaneous Water Level Sag	1918	S 2
155.1	MWLS(S06)	Miscellaneous Water Level Sag	1940	S 2
172.5	MWLS(F06)	Miscellaneous Water Level Sag	2013	S 2
176.0	MWLS(S07)	Miscellaneous Water Level Sag	2039	S 3
178.1	MMC	Miscellaneous Material Change	2086	NA
179.4	TF	Tap Factory	2122	NA
181.7	MMC	Miscellaneous Material Change	2184	NA
184.7	SSS	Surface Damage Surface Spalling	2258	S 2
185.0	TB	Tap Break-in/Hammer	2279	NA
187.2	MCU	Miscellaneous Camera Underwater	2331	M 4
203.9	TFD	Tap Factory Defective	2541	M 3
206.9	TFD	Tap Factory Defective	2587	M 3
211.6	MCU(S09)	Miscellaneous Camera Underwater	2678	M 4
216.1	MCU(F09)	Miscellaneous Camera Underwater	2748	M 4
218.2	RFJ	Roots Fine Joint	2776	M 1
220.4	MWLS(F07)	Miscellaneous Water Level Sag	2815	S 3
229.3	MWLS(S08)	Miscellaneous Water Level Sag	2889	S 2
255.9	DAE(F03)	Deposits Attached Encrustation	3073	M 2



258.7	MWLS(F08)	Miscellaneous Water Level Sag	3098	S 2
259.9	AMH	Manhole	3192	NA

**M-505-066**



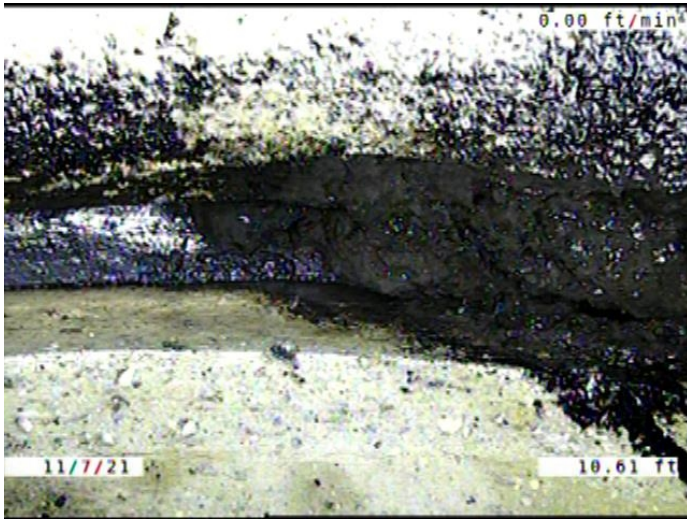
Code: **AMH**  
Description: **Manhole**

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-505-067**



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

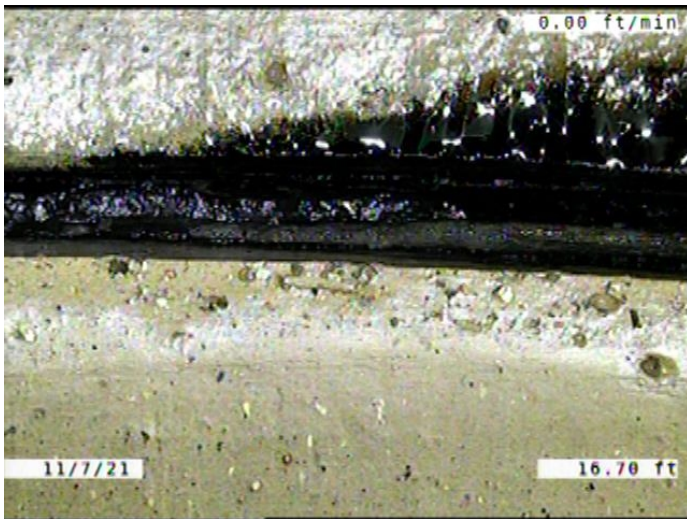
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **10.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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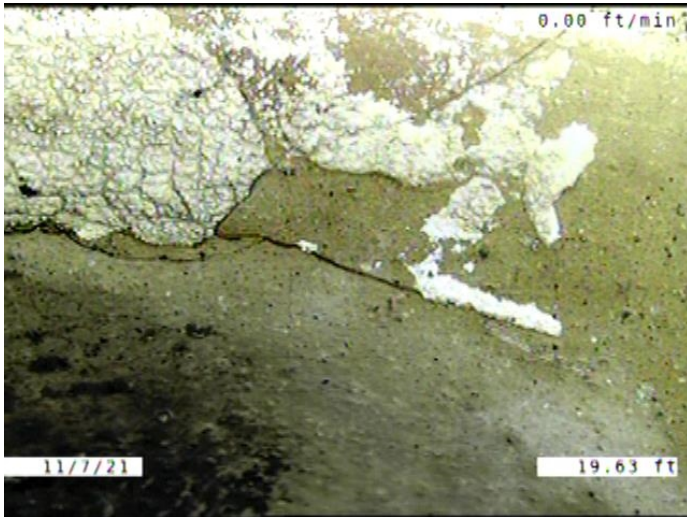


Code: **ISJ**  
Description: **Infiltration Stain Joint**

Distance (ft): **16.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

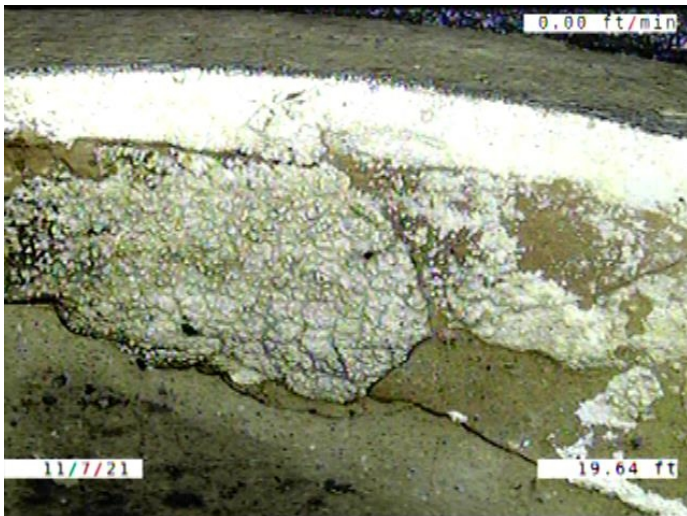
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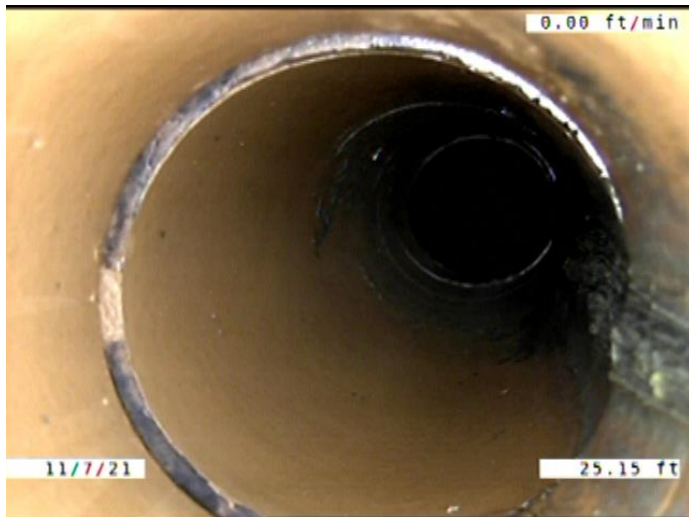
Code: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **19.6**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

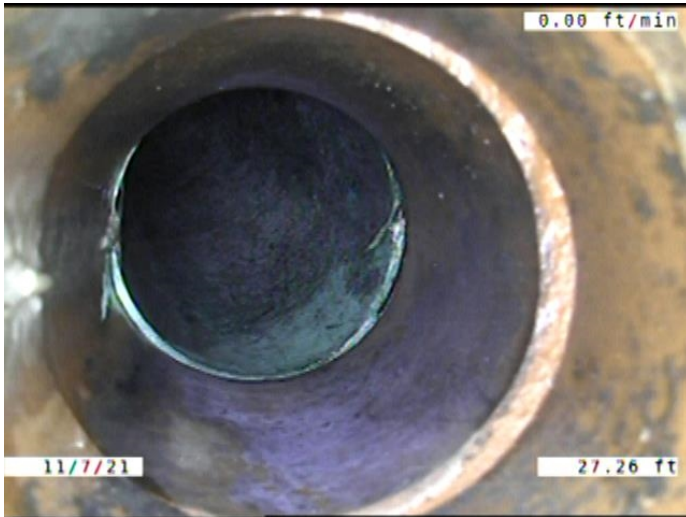
Distance (ft): **19.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>25.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</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 INTO THE MAIN</b>



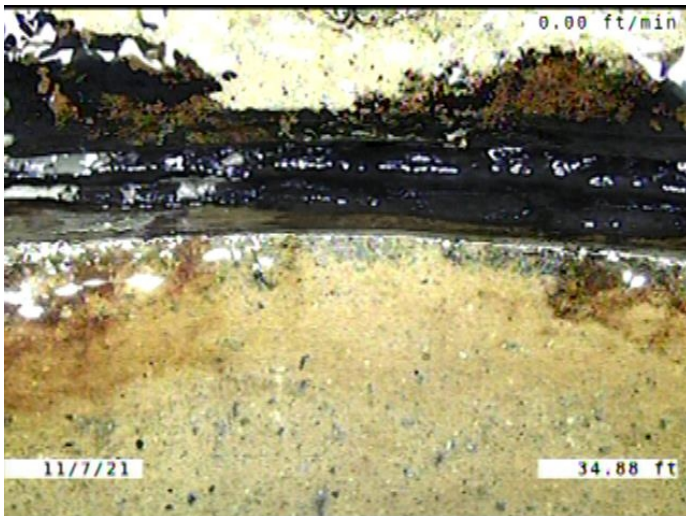
Code:	<b>MWL</b>
Description:	<b>Miscellaneous Water Level</b>
Distance (ft):	<b>26.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>15.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



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

Distance (ft): **27.3**  
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: **CONSTANTLY RUNNING WATER.**

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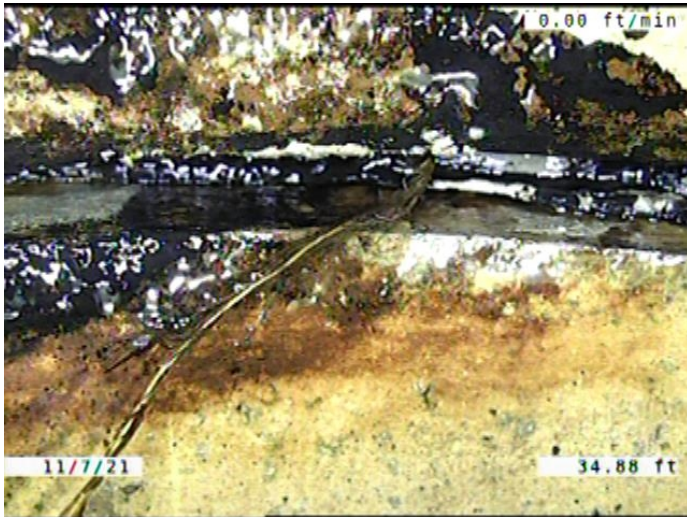


Code: **IRJ**  
Description: **Infiltration Runner Joint**

Distance (ft): **34.9**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

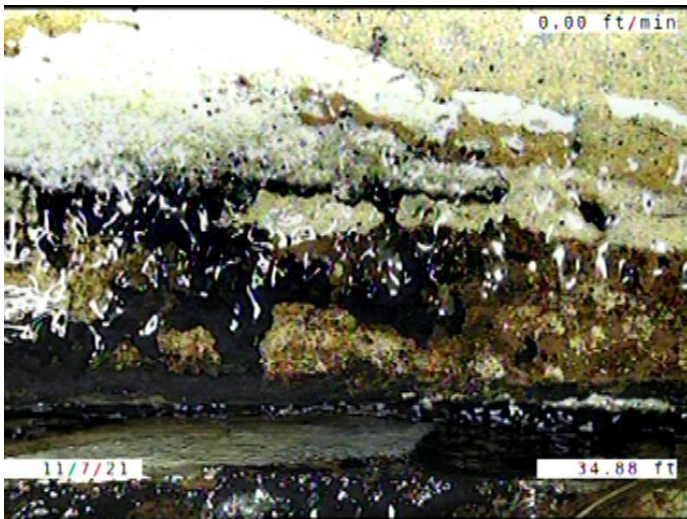
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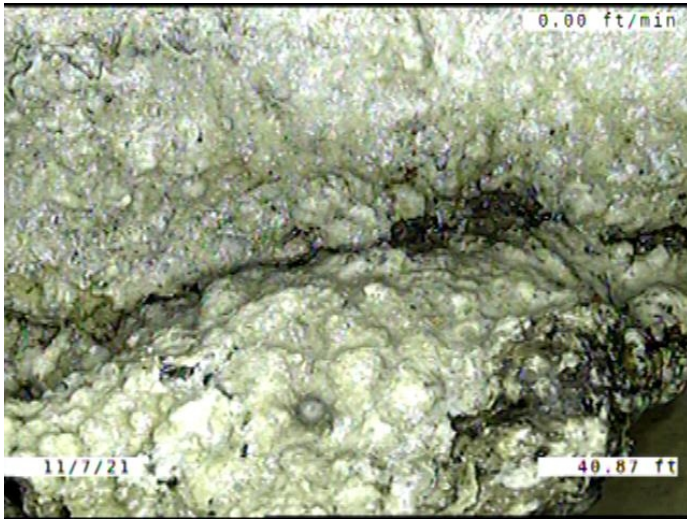
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **34.9**  
 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:



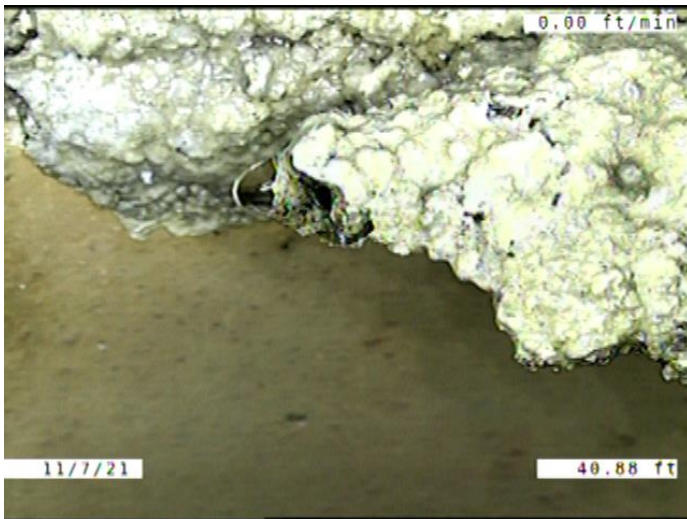
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **34.9**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **40.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **IWJ**  
 Description: **Infiltration Weeper Joint**

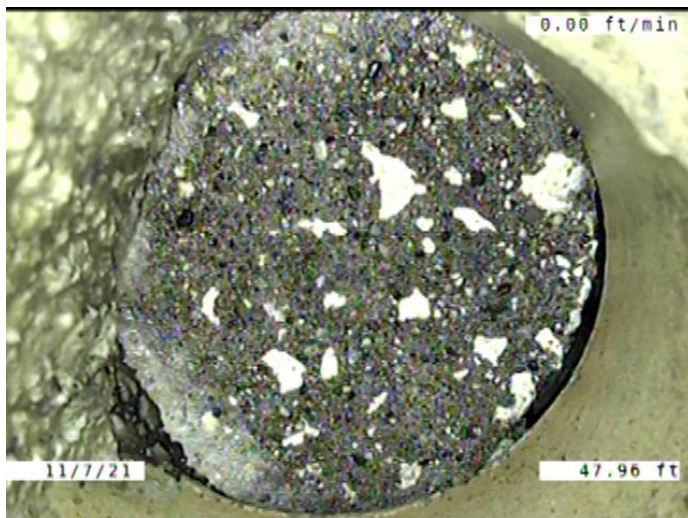
Distance (ft): **40.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





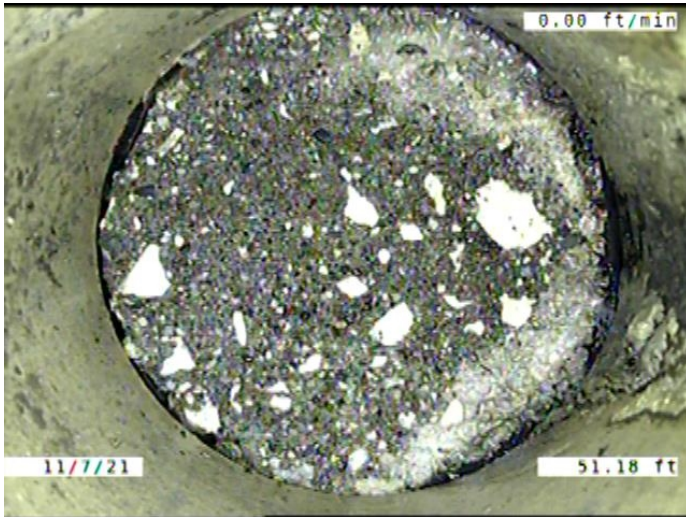
Code: **MWL**  
 Description: **Miscellaneous Water Level**

Distance (ft): **46.9**  
 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: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **48.0**  
 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: **ENCUSTATION AROUND THE CAP**



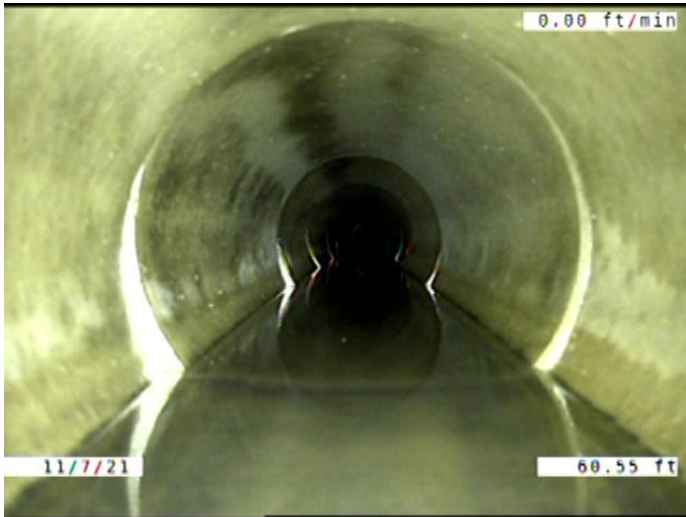
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **51.2**  
 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: **ENCrustATION AROUND THE CAP.  
 LOOKS TO BE DRIPPING WATER**



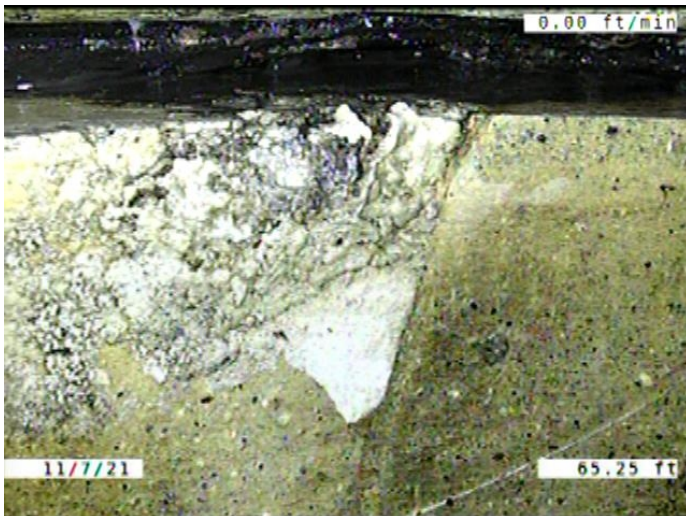
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **55.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

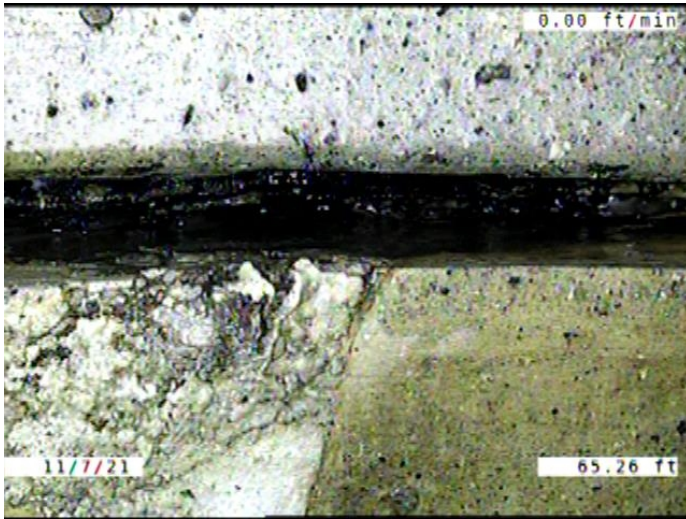
Distance (ft): **60.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **NO**  
 Remarks:



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

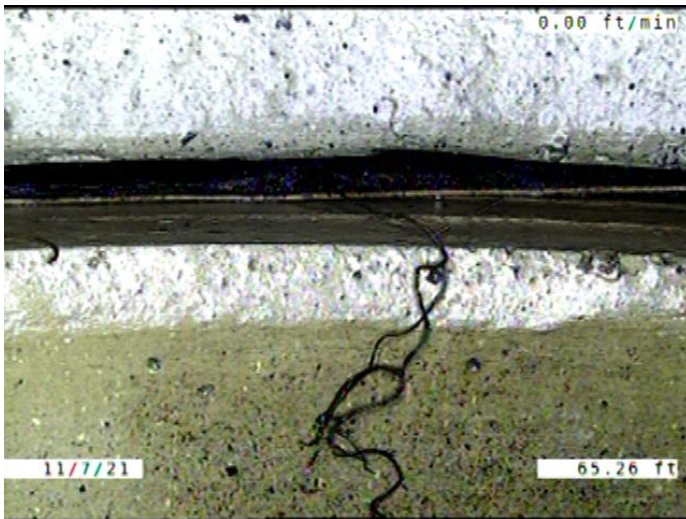
Distance (ft): **65.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





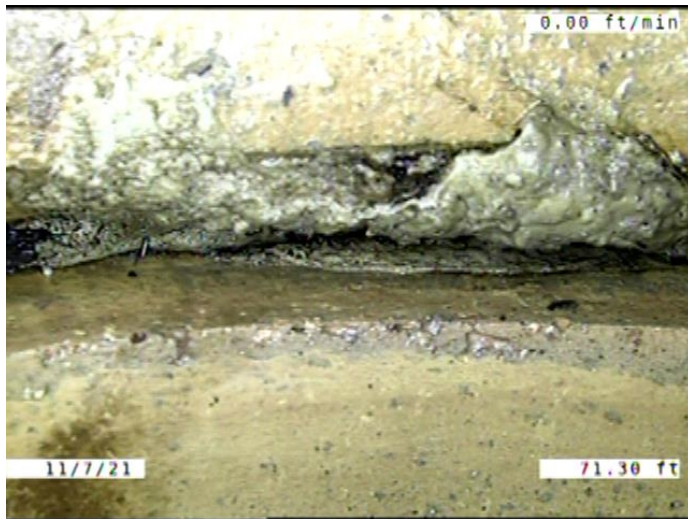
Code: **IWJ**  
 Description: **Infiltration Weeper Joint**

Distance (ft): **65.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

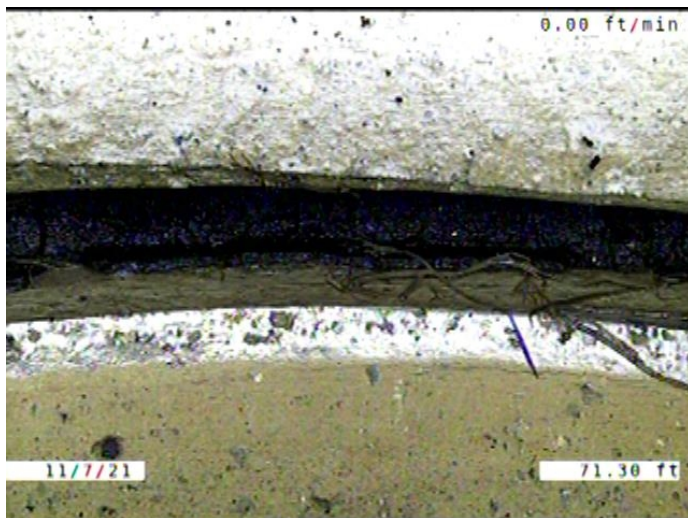
Distance (ft): **65.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **71.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **71.3**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

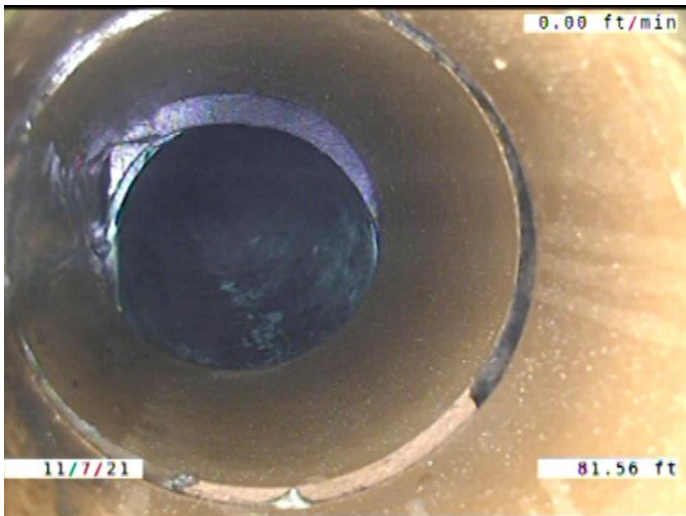
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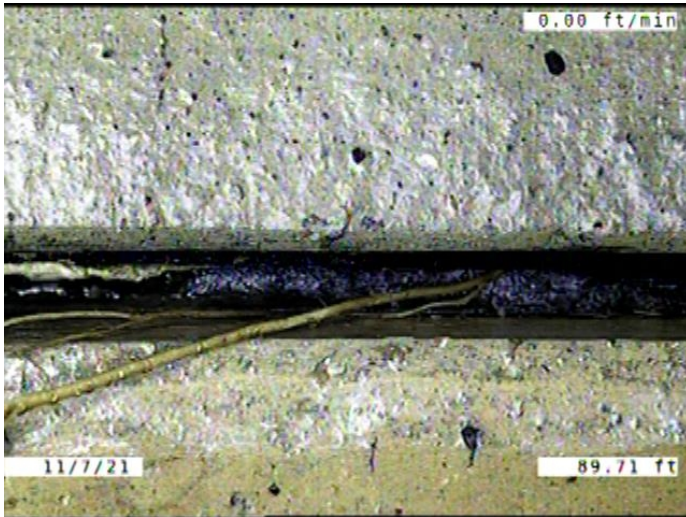
Code: **SZ**  
Description: **Surface Damage Other**

Distance (ft): **80.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **Indentations. Factory defect.**



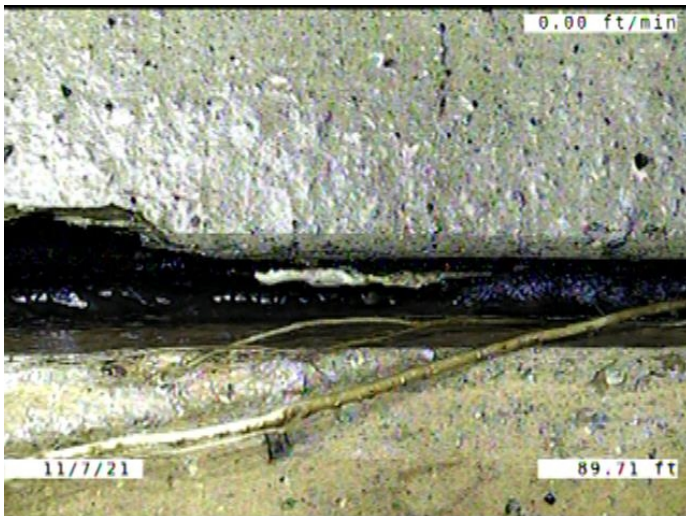
Code: **TF**  
Description: **Tap Factory**

Distance (ft): **81.6**  
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: **CONSTANTLY RUNNING WATER.**



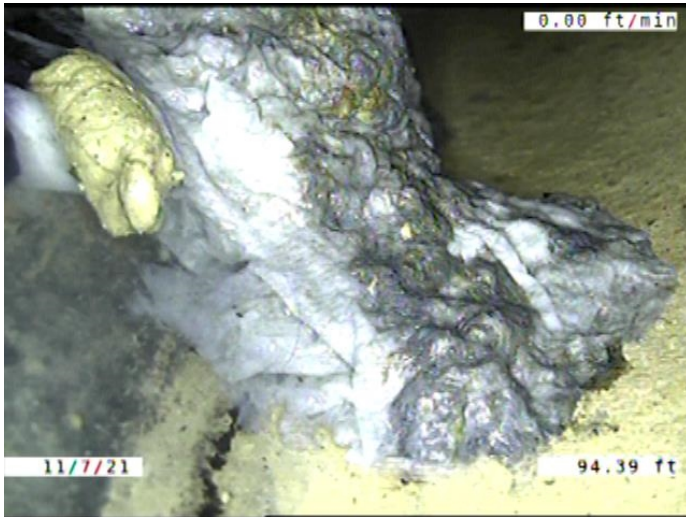
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **89.7**  
 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: **IRJ**  
 Description: **Infiltration Runner Joint**

Distance (ft): **89.7**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

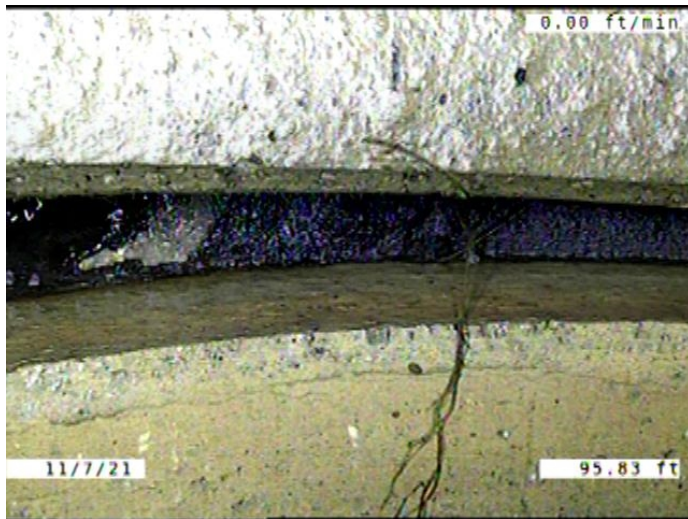


Code:	<b>DAR</b>
Description:	<b>Deposits Attached Ragging</b>
Distance (ft):	<b>94.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>4</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



Code:	<b>OBN</b>
Description:	<b>Obstruction Construction Debris</b>
Distance (ft):	<b>94.4</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:	<b>REBAR</b>

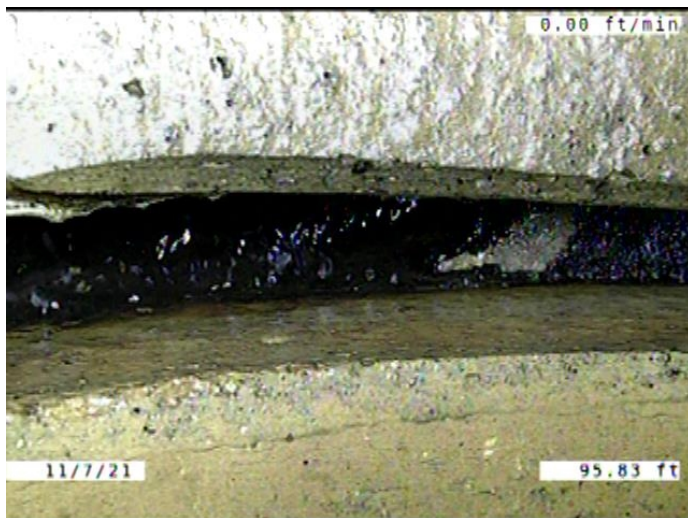




Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **95.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

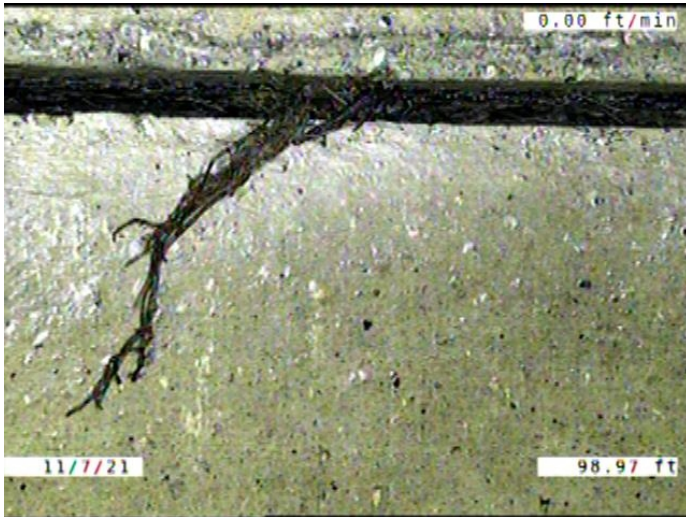
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Code: **IRJ**  
Description: **Infiltration Runner Joint**

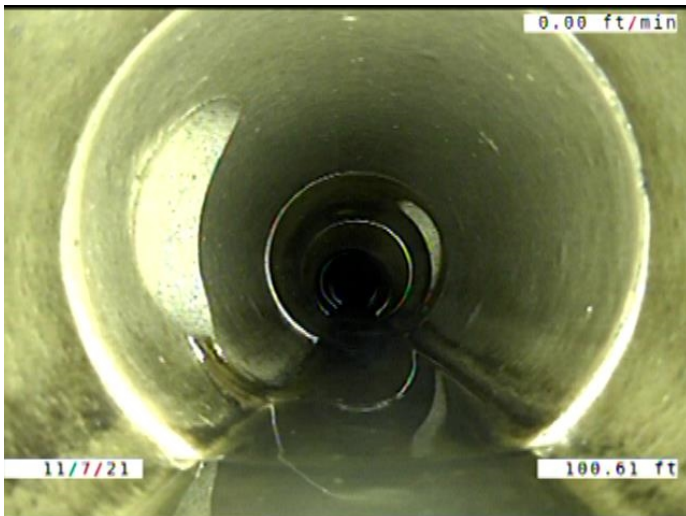
Distance (ft): **95.8**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

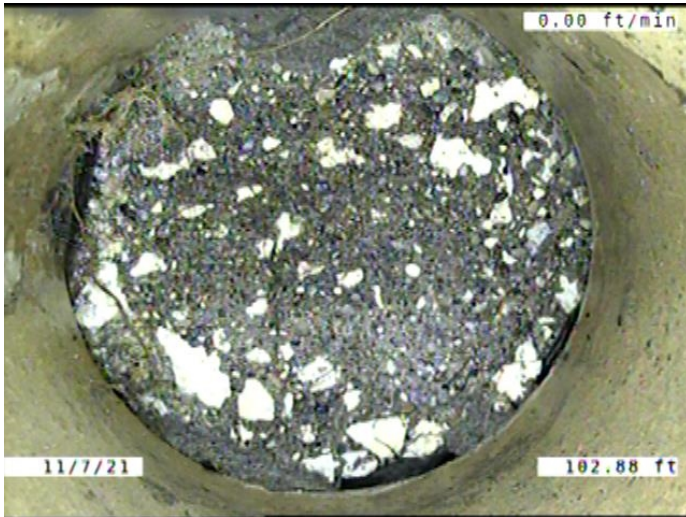
Distance (ft): **99.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **10**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



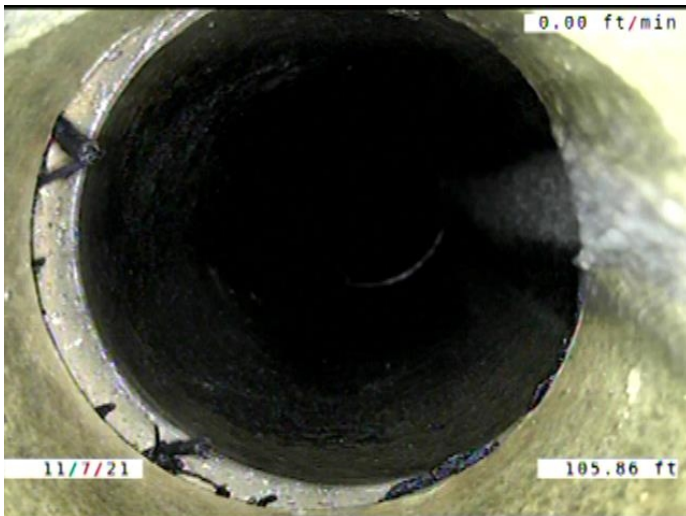
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **100.6**  
 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:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>102.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CAP LOOKS TO BE BREAKING DOWN. ROOTS GROWING AROUND THE CAP</b>



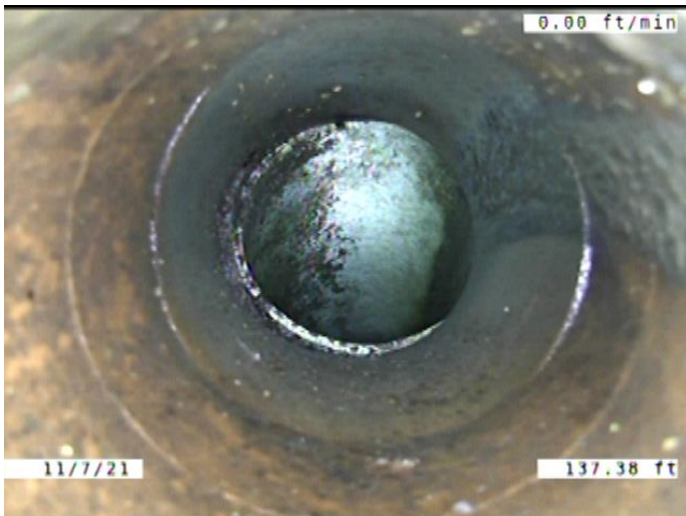
Code:	<b>TFA</b>
Description:	<b>Tap Factory Activity</b>
Distance (ft):	<b>105.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

Distance (ft): **118.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

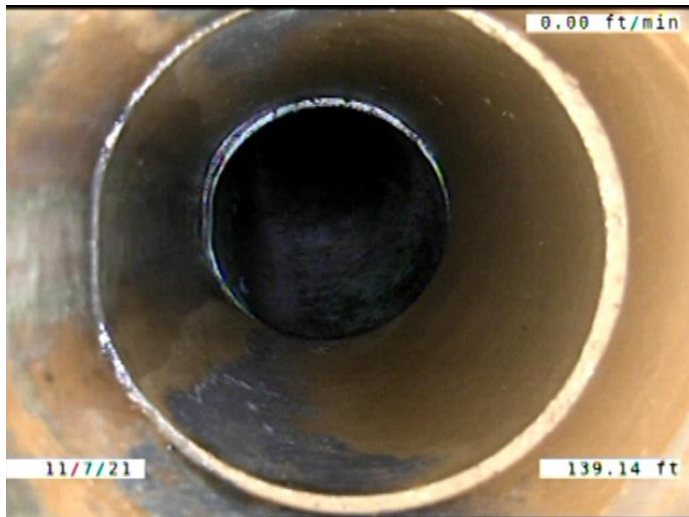
---



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

Distance (ft): **137.4**  
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): **139.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



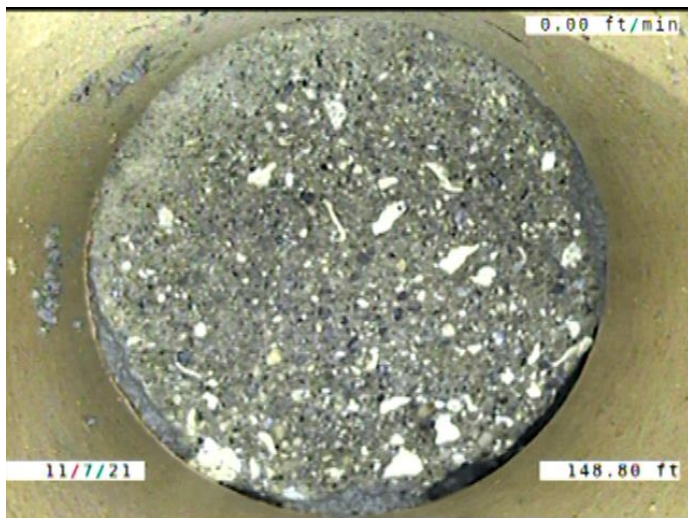
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **141.0**  
 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: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

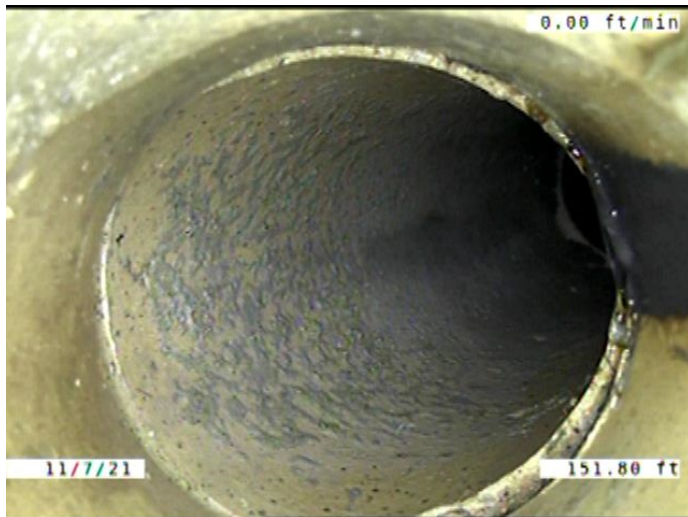
Distance (ft): **145.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **148.8**  
 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: **CAP LOOKS TO BE BREAKING DOWN**





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

Distance (ft): **151.8**  
 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: **CONSTANTLY RUNNING WATER.**



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

Distance (ft): **152.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F05**  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **155.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S06**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **172.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

---



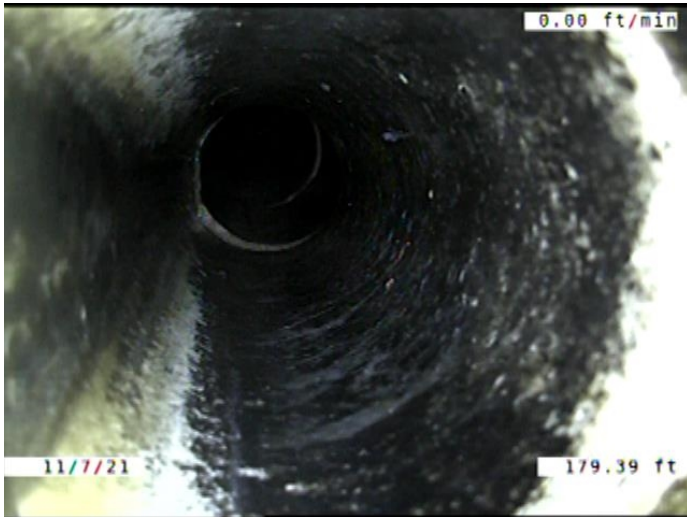
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **176.0**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **35.000**  
 Continuous Index: **S07**  
 Within 8" of Joint: **NO**  
 Remarks:



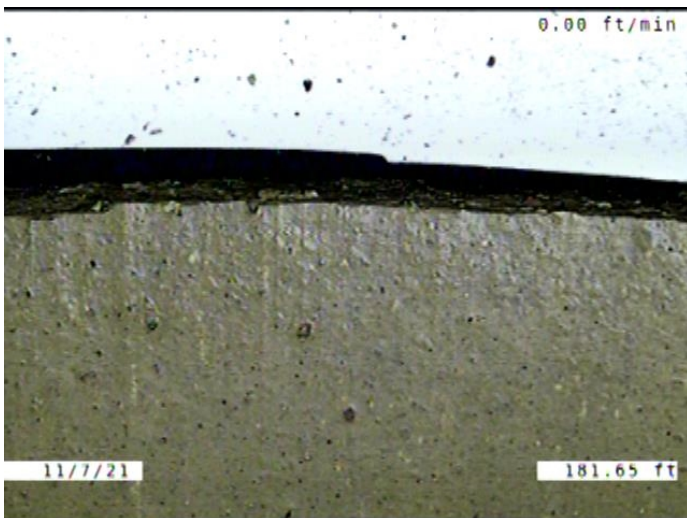
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **178.1**  
 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: **VCP TO PVC**



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

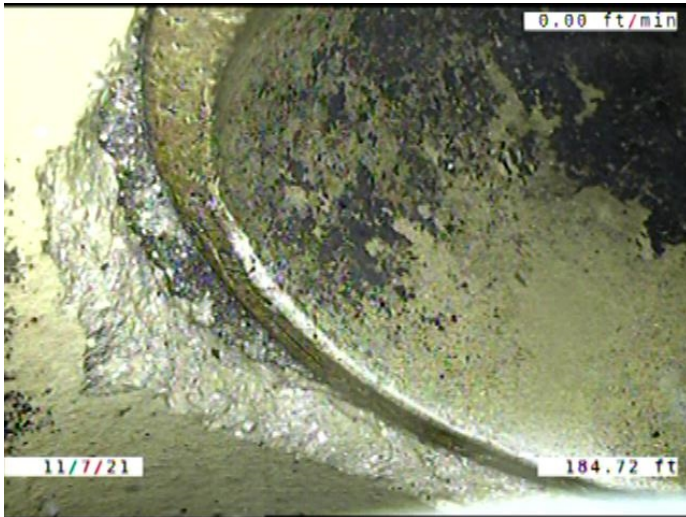
Distance (ft): **179.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**



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

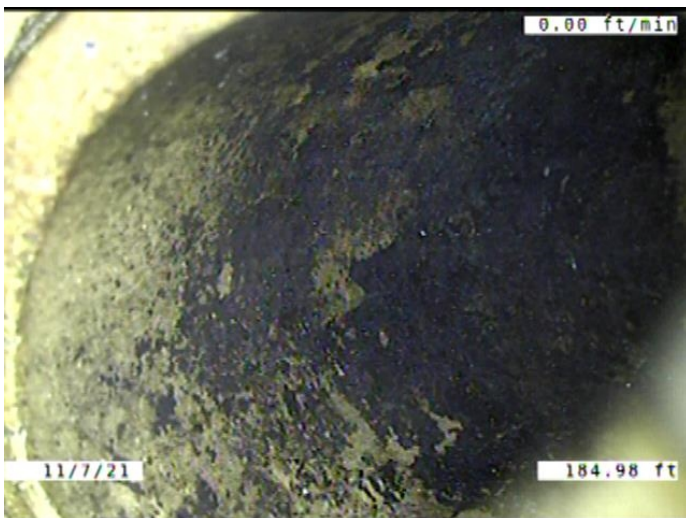
Distance (ft): **181.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **PVC TO VCP**





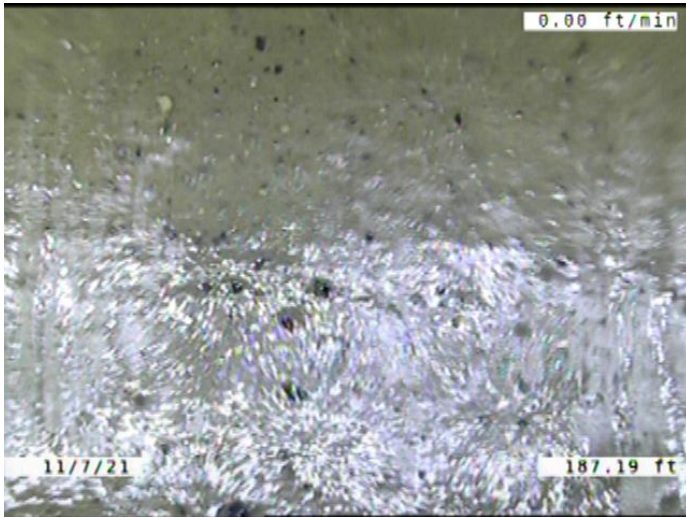
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **184.7**  
 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:

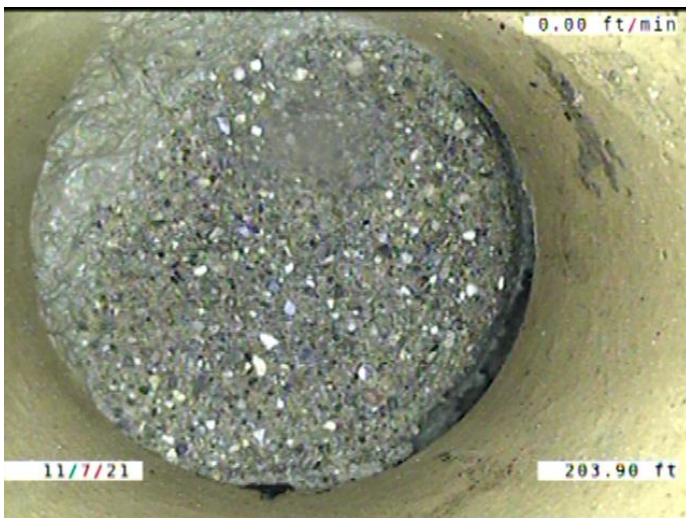


Code: **TB**  
 Description: **Tap Break-in/Hammer**

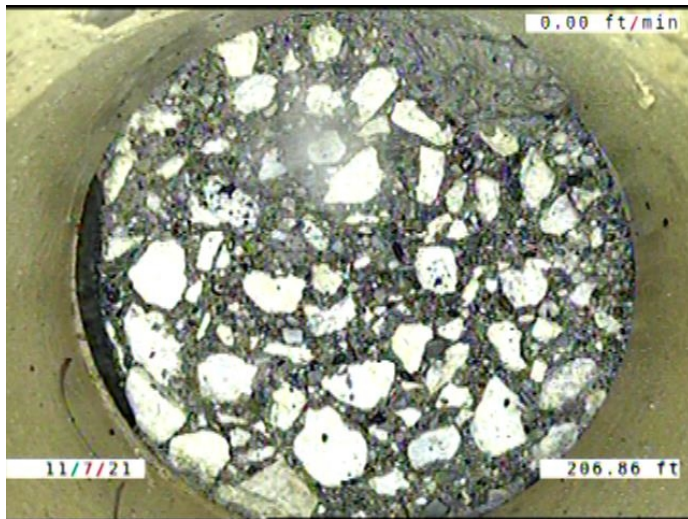
Distance (ft): **185.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



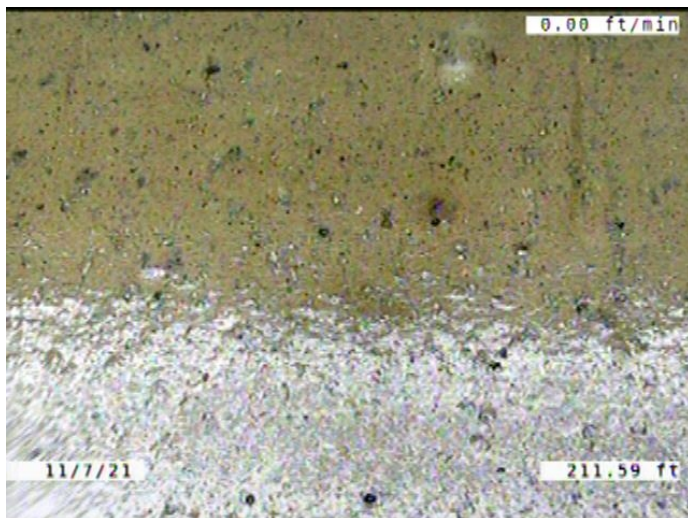
Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>187.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>Out at 189.6</b>



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>203.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CAPPED. SOIL VISIBLE ARUND THAT CAP</b>

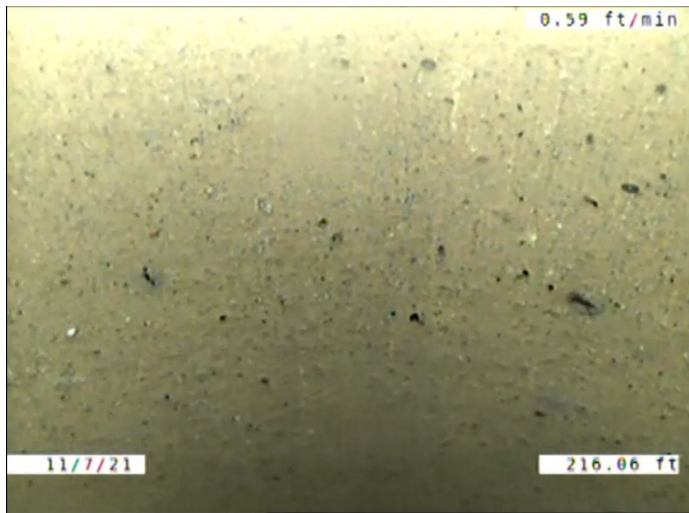


Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>206.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CAPPED. SOIL VISIBLE ARUND THAT CAP</b>



Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>211.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S09</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

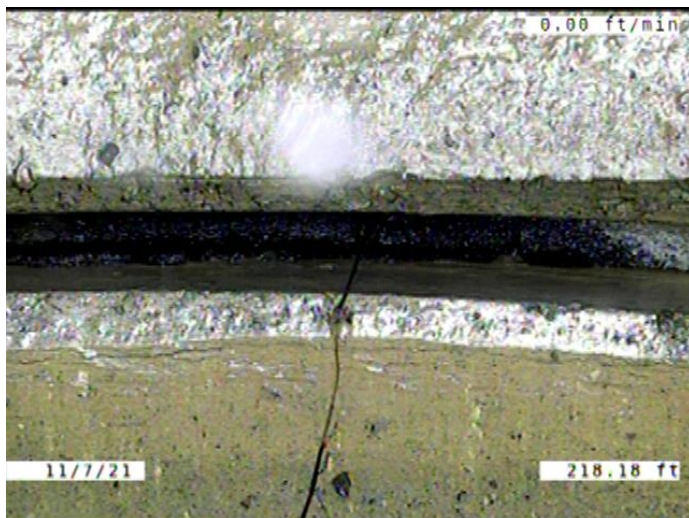




Code: **MCU**  
 Description: **Miscellaneous Camera Underwater**

Distance (ft): **216.1**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F09**  
 Within 8" of Joint: **NO**  
 Remarks:

---



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

Distance (ft): **218.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

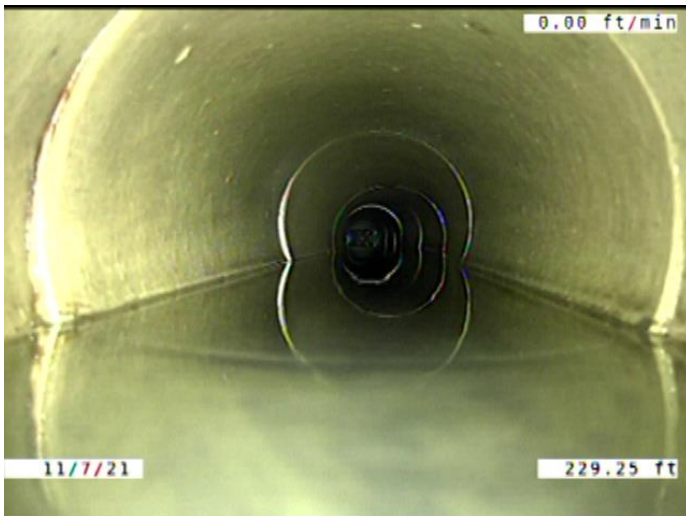
---



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

Distance (ft): **220.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index: **F07**  
Within 8" of Joint: **NO**  
Remarks:

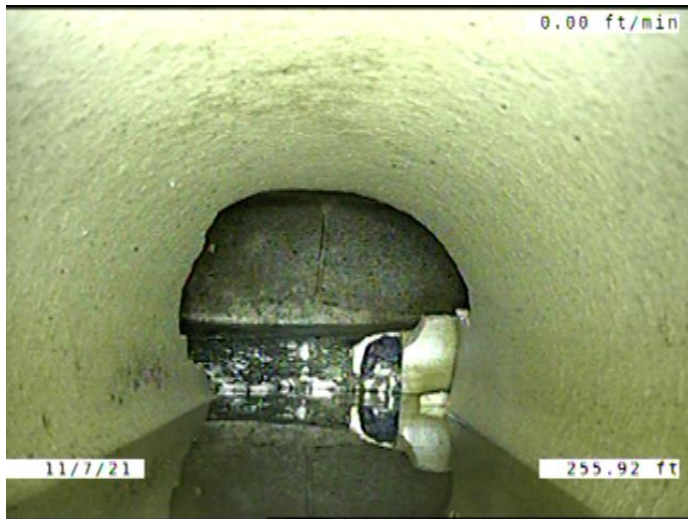
---



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

Distance (ft): **229.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S08**  
Within 8" of Joint: **NO**  
Remarks:

---



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

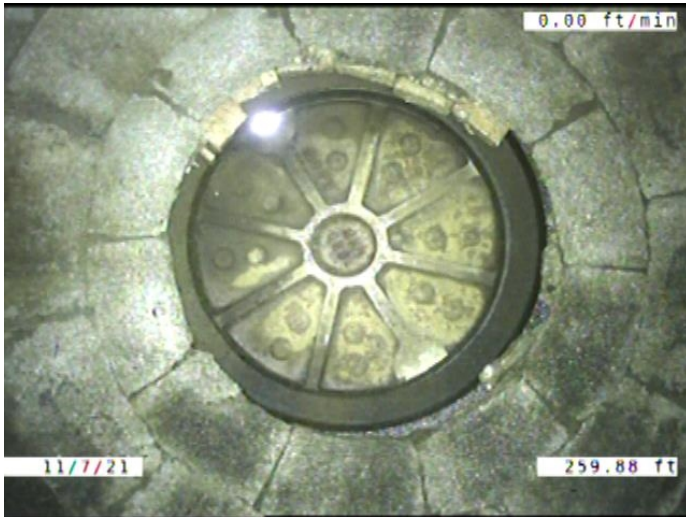
Distance (ft): **255.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **258.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F08**  
 Within 8" of Joint: **NO**  
 Remarks:





Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>259.9</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-505-066</b>