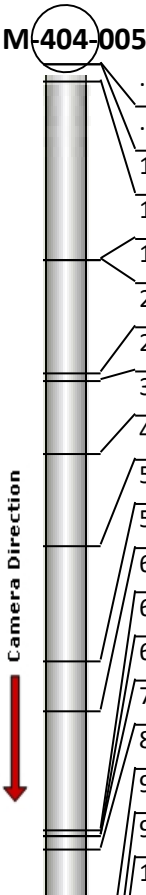


RedZone
ROBOTICS

Street:	North Wabash 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:	None	
Category:	NA				
Comment:					
Location Details:			Direction of Survey:	Upstream	
US MH:	M-404-006	DS MH:	M-404-005	Total Length Surveyed (ft):	658.6

Position	Code	Observation	Video (sec)	Grade	
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	10	NA
	1.5	MGO	Miscellaneous General Observation	24	NA
	17.7	CM	Crack Multiple	179	S 3
	17.7	ISB	Infiltration Stain Barrel	192	M 1
	27.9	MWL	Miscellaneous Water Level	300	NA
	28.6	MCU(S02)	Miscellaneous Camera Underwater	320	M 4
	35.3	MCU(F02)	Miscellaneous Camera Underwater	394	M 4
	43.6	MCU	Miscellaneous Camera Underwater	514	M 4
	54.0	TF	Tap Factory	664	NA
	58.4	MWL	Miscellaneous Water Level	711	NA
	69.3	TB	Tap Break-in/Hammer	804	NA
	69.7	SSS	Surface Damage Surface Spalling	842	S 2
	69.7	CL	Crack Longitudinal	852	S 2
	70.9	MCU	Miscellaneous Camera Underwater	873	M 4
	86.2	MCU	Miscellaneous Camera Underwater	1035	M 4
92.4	MCU	Miscellaneous Camera Underwater	1100	M 4	
95.3	MCU	Miscellaneous Camera Underwater	1135	M 4	
104.5	MCU(S19)	Miscellaneous Camera Underwater	1215	M 4	

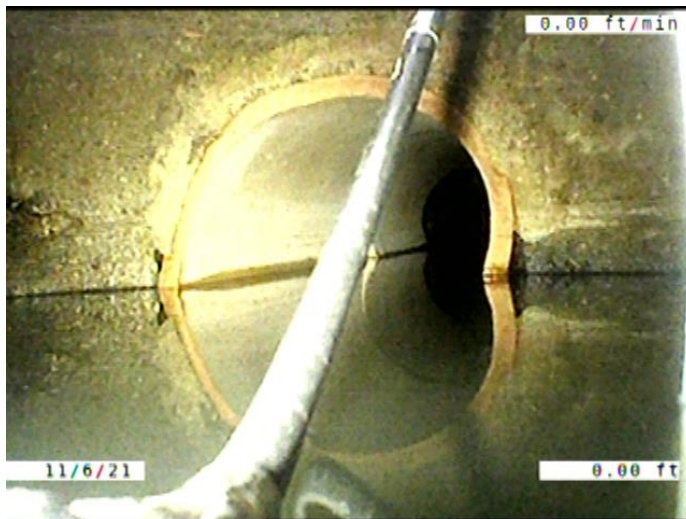
108.0	MCU(F19)	Miscellaneous Camera Underwater	1257	M 4
108.2	CM	Crack Multiple	1285	S 3
108.2	TBA	Tap Break-in Activity	1302	NA
109.9	CL(S03)	Crack Longitudinal	1359	S 2
110.4	MCU	Miscellaneous Camera Underwater	1376	M 4
113.2	CL(F03)	Crack Longitudinal	1418	S 2
113.5	MCU(S20)	Miscellaneous Camera Underwater	1433	M 4
117.8	MCU(F20)	Miscellaneous Camera Underwater	1504	M 4
117.9	TFD	Tap Factory Defective	1517	M 3
120.6	TFC	Tap Factory Capped	1589	NA
120.6	DAE	Deposits Attached Encrustation	1620	M 2
140.1	FM(S04)	Fracture Multiple	1883	S 4
144.6	B	Broken	1917	S 4
145.9	DAE	Deposits Attached Encrustation	1962	M 2
147.5	DAE	Deposits Attached Encrustation	1996	M 2
152.0	RFJ	Roots Fine Joint	2037	M 1
156.6	MWLS(S05)	Miscellaneous Water Level Sag	2076	S 2
159.9	RFL	Roots Fine Lateral	2099	M 1
160.3	TFD	Tap Factory Defective	2125	M 3
162.9	TFD	Tap Factory Defective	2173	M 3
165.4	FM(F04)	Fracture Multiple	2222	S 4
166.9	RFJ	Roots Fine Joint	2256	M 1
170.4	CL	Crack Longitudinal	2345	S 2
183.0	SSS	Surface Damage Surface Spalling	2576	S 2
183.0	ISC	Infiltration Stain Connection	2598	M 1
183.5	TBI	Tap Break-in Intruding	2621	M 2
184.3	FM(S21)	Fracture Multiple	2656	S 4
188.4	RFJ	Roots Fine Joint	2709	M 1
188.4	ISB	Infiltration Stain Barrel	2722	M 1
188.4	IS	Infiltration Stain	2728	M 1
188.4	ISB	Infiltration Stain Barrel	2731	M 1
188.4	MWLS(F05)	Miscellaneous Water Level Sag	2739	S 2
194.5	RFJ	Roots Fine Joint	2789	M 1
196.5	ISB	Infiltration Stain Barrel	2819	M 1
196.5	ISB	Infiltration Stain Barrel	2844	M 1
196.5	MWL	Miscellaneous Water Level	2853	NA
204.8	FM(F21)	Fracture Multiple	2892	S 4
218.3	TF	Tap Factory	2975	NA
221.0	TFC	Tap Factory Capped	3006	NA
225.7	MWLS	Miscellaneous Water Level Sag	3044	S 2
228.9	TBI	Tap Break-in Intruding	3100	M 2
237.0	CL	Crack Longitudinal	3190	S 2

237.0	DAE	Deposits Attached Encrustation	3193	M 2
240.1	DAE	Deposits Attached Encrustation	3230	M 2
240.1	DAE	Deposits Attached Encrustation	3255	M 2
240.2	CL	Crack Longitudinal	3228	S 2
240.2	CL	Crack Longitudinal	3251	S 2
243.1	FM	Fracture Multiple	3289	S 4
243.1	DAE	Deposits Attached Encrustation	3320	M 2
243.1	RFJ	Roots Fine Joint	3346	M 1
258.1	CL	Crack Longitudinal	3418	S 2
258.1	DAE	Deposits Attached Encrustation	3424	M 2
258.2	CL	Crack Longitudinal	3451	S 2
258.2	DAE(S07)	Deposits Attached Encrustation	3456	M 2
258.2	CM(S22)	Crack Multiple	3460	S 3
266.3	TFD	Tap Factory Defective	3512	M 3
269.4	TFD	Tap Factory Defective	3551	M 3
270.3	RFJ	Roots Fine Joint	3604	M 1
281.1	MWLS(S08)	Miscellaneous Water Level Sag	3662	S 2
283.8	FL	Fracture Longitudinal	3681	S 3
284.7	B	Broken	3691	S 4
285.0	TBI	Tap Break-in Intruding	3713	M 2
285.2	RFC	Roots Fine Connection	3729	M 1
285.2	CM(F22)	Crack Multiple	3739	S 3
285.4	FM(S23)	Fracture Multiple	3741	S 4
288.8	FM(F23)	Fracture Multiple	3788	S 4
288.8	MMC	Miscellaneous Material Change	3795	NA
290.8	DAE(F07)	Deposits Attached Encrustation	3839	M 2
290.8	MWLS(F08)	Miscellaneous Water Level Sag	3847	S 2
295.3	MWLS(S09)	Miscellaneous Water Level Sag	3877	S 2
300.8	DAE	Deposits Attached Encrustation	3914	M 2
303.6	DAE	Deposits Attached Encrustation	3954	M 2
309.6	TBI	Tap Break-in Intruding	4014	M 2
310.2	MMC	Miscellaneous Material Change	4068	NA
310.2	SZ	Surface Damage Other	4097	NA
310.2	CL	Crack Longitudinal	4117	S 2
312.8	JOM(S10)	Joint Offset Medium	4162	S 3
321.2	TFC	Tap Factory Capped	4304	NA
322.1	CM(S24)	Crack Multiple	4361	S 3
322.5	DAE	Deposits Attached Encrustation	4385	M 2
323.6	DAGS	Deposits Attached Grease	4420	M 2
324.3	SSS	Surface Damage Surface Spalling	4463	S 2
324.6	TBI	Tap Break-in Intruding	4479	M 2
326.7	MWLS(F09)	Miscellaneous Water Level Sag	4527	S 2

329.3	MWLS	Miscellaneous Water Level Sag	4552	S 2
333.8	CM(F24)	Crack Multiple	4578	S 3
336.6	MWLS(S12)	Miscellaneous Water Level Sag	4601	S 2
337.5	FM	Fracture Multiple	4634	S 4
337.5	MMC	Miscellaneous Material Change	4652	NA
339.2	FL	Fracture Longitudinal	4699	S 3
339.4	TBD	Tap Break-in/Hammer Defective	4715	M 3
343.5	SMW	Surface Damage Missing Wall	4789	S 5
354.3	MWLS(F12)	Miscellaneous Water Level Sag	4957	S 2
355.9	JAL	Joint Angular Large	5006	S 4
355.9	SMW	Surface Damage Missing Wall	5033	S 5
355.9	MWLS(S13)	Miscellaneous Water Level Sag	5052	S 3
361.9	SMW	Surface Damage Missing Wall	5119	S 5
362.7	MCU(S14)	Miscellaneous Camera Underwater	5139	M 4
368.7	MCU(F14)	Miscellaneous Camera Underwater	5240	M 4
374.1	FM	Fracture Multiple	5357	S 4
374.1	MMC	Miscellaneous Material Change	5371	NA
377.9	MCU(S25)	Miscellaneous Camera Underwater	5428	M 4
388.7	MCU(F25)	Miscellaneous Camera Underwater	5461	M 4
388.7	MWLS(F13)	Miscellaneous Water Level Sag	5482	S 3
395.7	MWLS(S15)	Miscellaneous Water Level Sag	5521	S 2
415.6	MWLS(F15)	Miscellaneous Water Level Sag	5650	S 2
416.7	DAE	Deposits Attached Encrustation	5675	M 2
420.3	FM	Fracture Multiple	5712	S 4
420.9	TBI	Tap Break-in Intruding	5741	M 2
421.0	B	Broken	5754	S 4
425.0	MWLS(S16)	Miscellaneous Water Level Sag	5808	S 2
428.0	TFD	Tap Factory Defective	5842	M 3
437.9	B	Broken	5966	S 4
437.9	JAL	Joint Angular Large	5982	S 4
437.9	FL	Fracture Longitudinal	5986	S 3
470.7	TBI	Tap Break-in Intruding	6312	M 2
478.3	SMW	Surface Damage Missing Wall	6457	S 5
478.6	TBI	Tap Break-in Intruding	6485	M 2
482.7	TFC	Tap Factory Capped	6550	NA
491.0	MCU	Miscellaneous Camera Underwater	6666	M 4
494.3	MWLS(F16)	Miscellaneous Water Level Sag	6731	S 2
496.5	MWLS(S17)	Miscellaneous Water Level Sag	6755	S 2
496.8	MGO	Miscellaneous General Observation	6760	NA
504.8	MWLS(F17)	Miscellaneous Water Level Sag	6830	S 2
506.3	TB	Tap Break-in/Hammer	6893	NA
523.3	B	Broken	7037	S 4

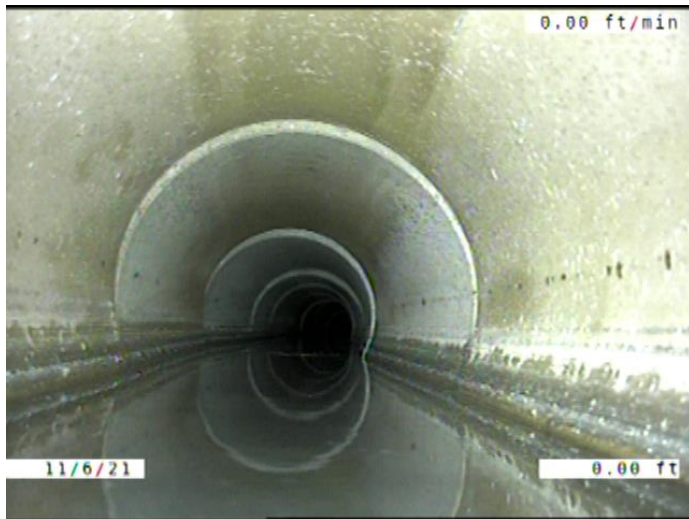
525.1	TBI	Tap Break-in Intruding	7086	M 2
529.2	TBI	Tap Break-in Intruding	7144	M 2
540.7	MWLS(S18)	Miscellaneous Water Level Sag	7236	S 2
574.7	MWLS(F18)	Miscellaneous Water Level Sag	7471	S 2
586.4	TFD	Tap Factory Defective	7537	M 3
587.9	DR	Deformed Rigid	7555	S 4
592.6	SSS	Surface Damage Surface Spalling	7608	S 2
593.5	TBI	Tap Break-in Intruding	7631	M 2
593.5	FS	Fracture Spiral	7647	S 3
594.0	TFD	Tap Factory Defective	7663	M 3
601.9	MWLS	Miscellaneous Water Level Sag	7785	S 2
602.0	MWL	Miscellaneous Water Level	7830	NA
605.7	CL	Crack Longitudinal	7993	S 2
606.9	MCU	Miscellaneous Camera Underwater	8056	M 4
614.1	MCU	Miscellaneous Camera Underwater	8270	M 4
619.5	MWL	Miscellaneous Water Level	8488	NA
638.8	JOLD	Joint Offset Large Defective	8612	S 4
645.0	JOMD	Joint Offset Medium Defective	8667	S 3
658.3	JOM(F10)	Joint Offset Medium	8779	S 3
658.6	AMH	Manhole	8880	NA

M-404-006



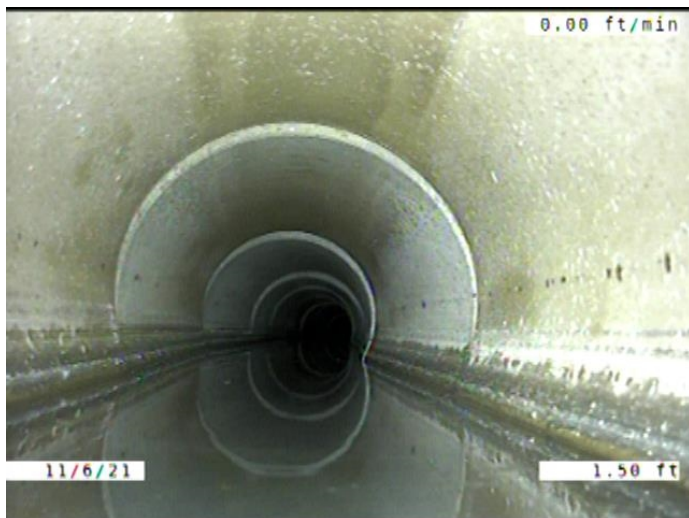
Code: **AMH**
Description: **Manhole**

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-404-005**



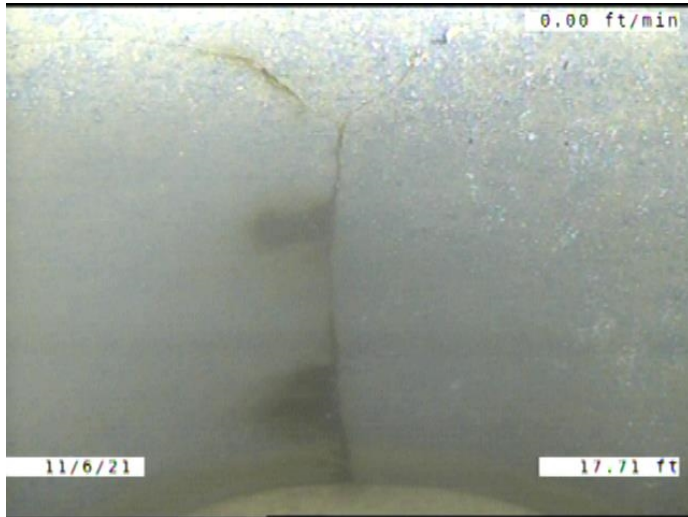
Code: **MWL**
 Description: **Miscellaneous Water Level**

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



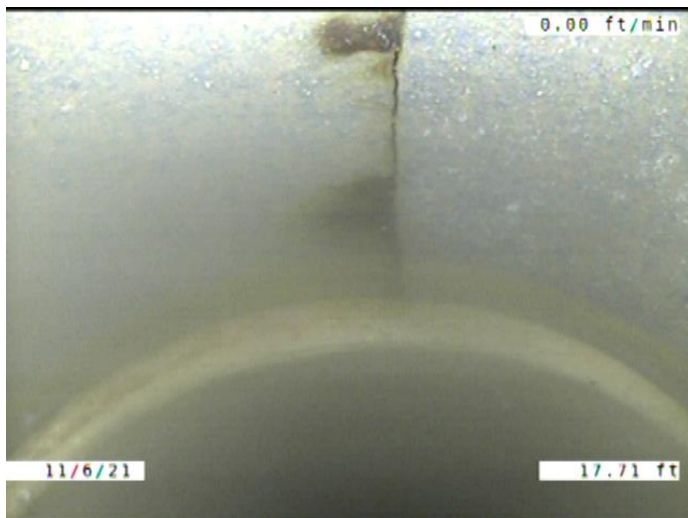
Code: **MGO**
 Description: **Miscellaneous General Observation**

Distance (ft): **1.5**
 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: **DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.**



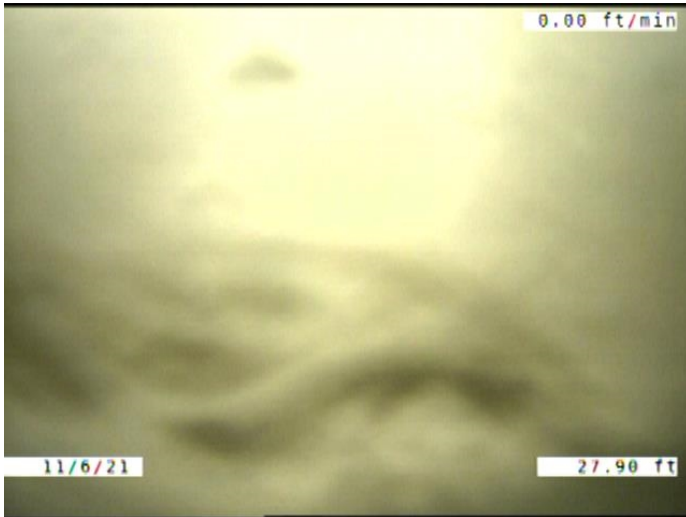
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **17.7**
 Structural Grade: **3**
 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:



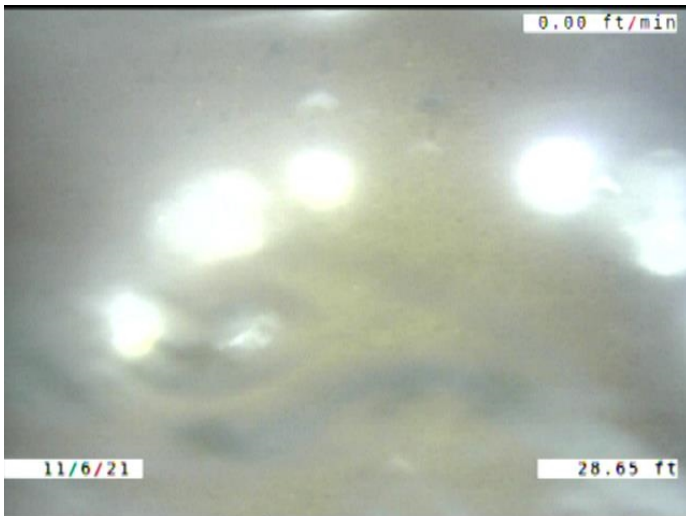
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **17.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **11**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



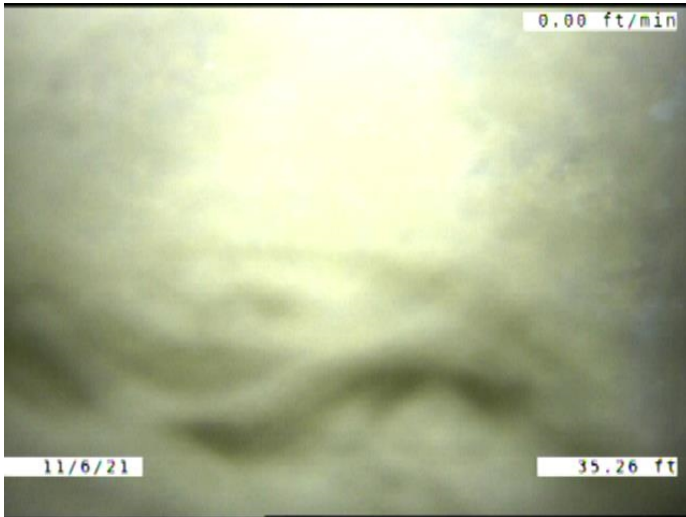
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **27.9**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **30.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



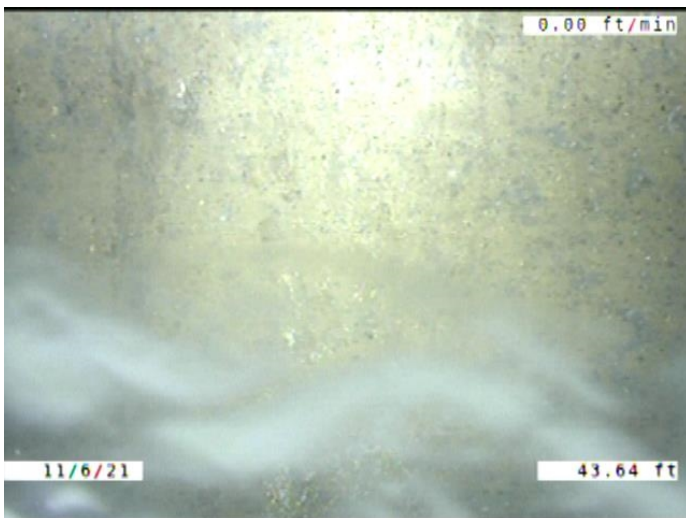
Code: **MCU**
 Description: **Miscellaneous Camera Underwater**

Distance (ft): **28.6**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S02**
 Within 8" of Joint: **NO**
 Remarks:



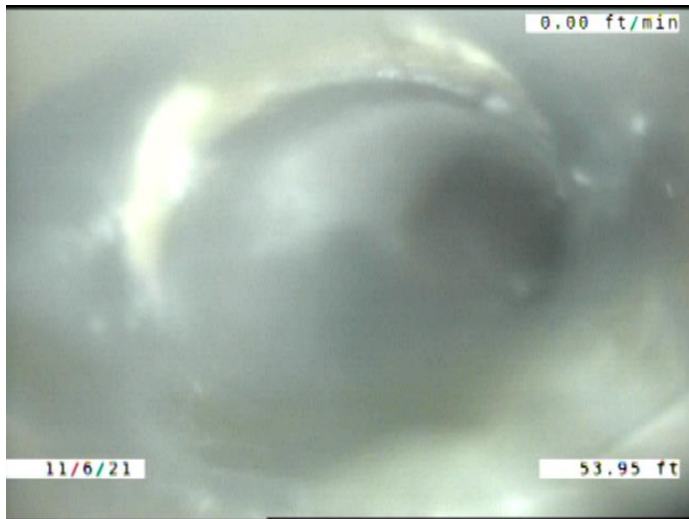
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **35.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



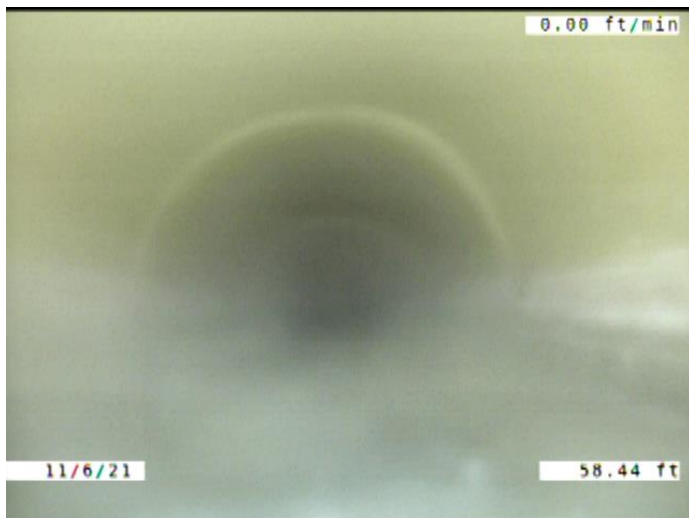
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **43.6**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 45**



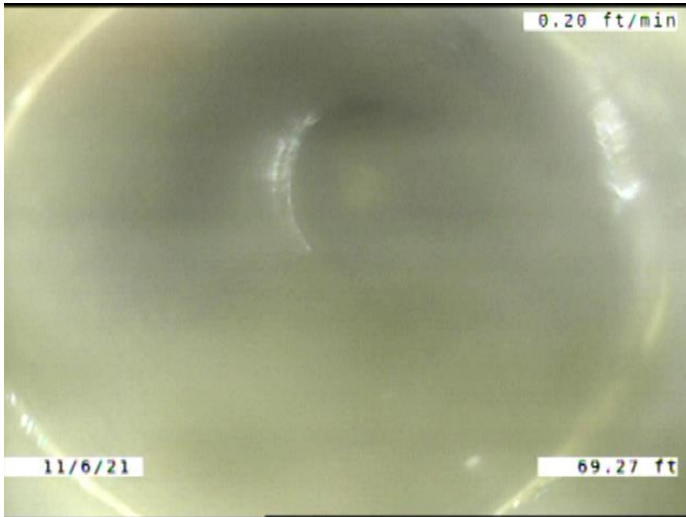
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **54.0**
 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:



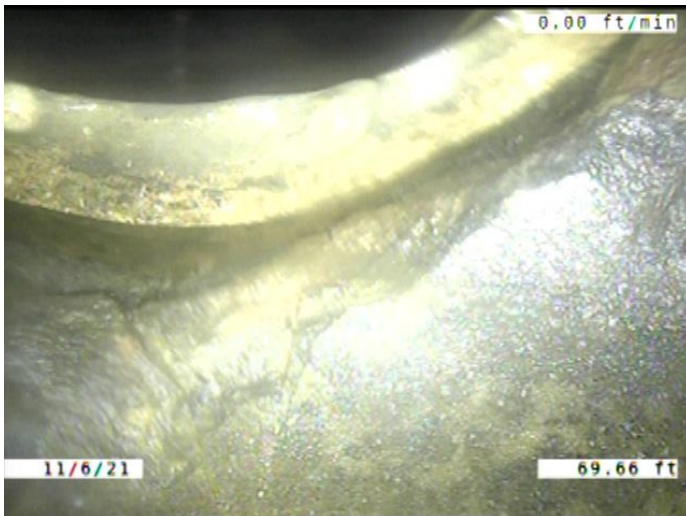
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **58.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



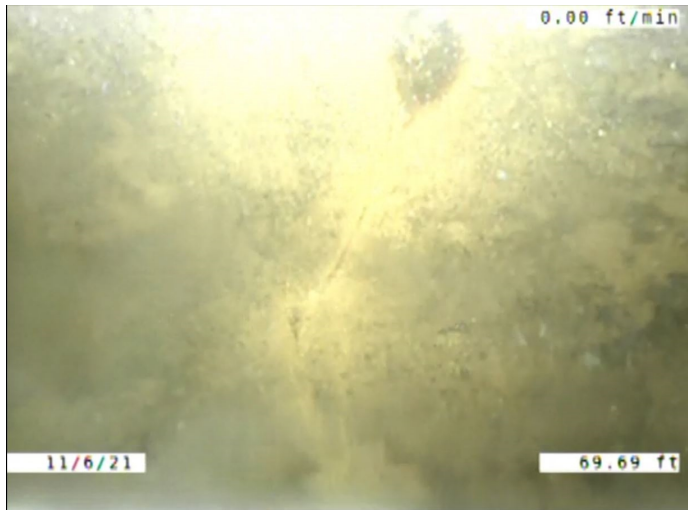
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **69.3**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



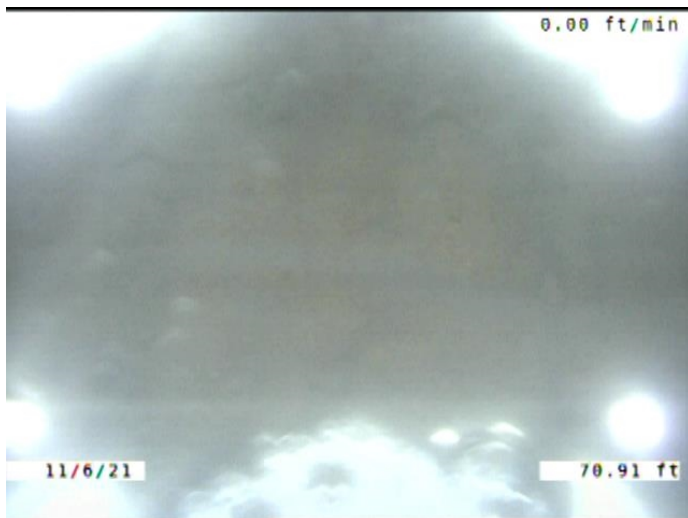
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **69.7**
 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: **YES**
 Remarks:



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

Distance (ft): **69.7**
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: **NO**
Remarks:



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

Distance (ft): **70.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 71.6**



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

Distance (ft): **86.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 88**



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

Distance (ft): **92.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 93**



Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	95.3
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	Out at 96.2

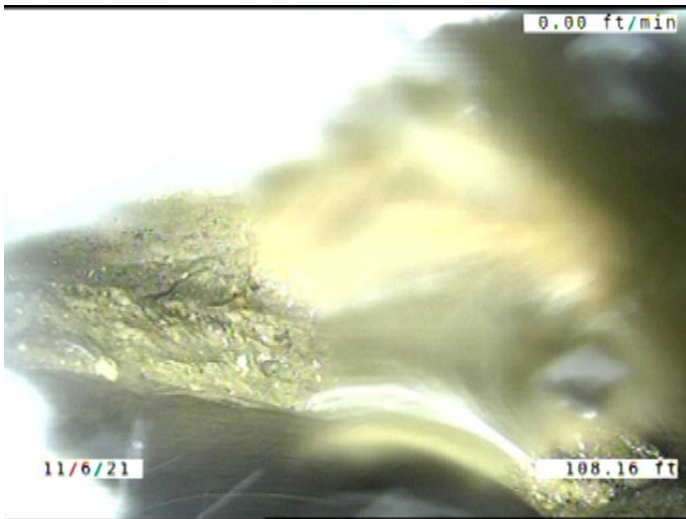


Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	104.5
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S19
Within 8" of Joint:	NO
Remarks:	



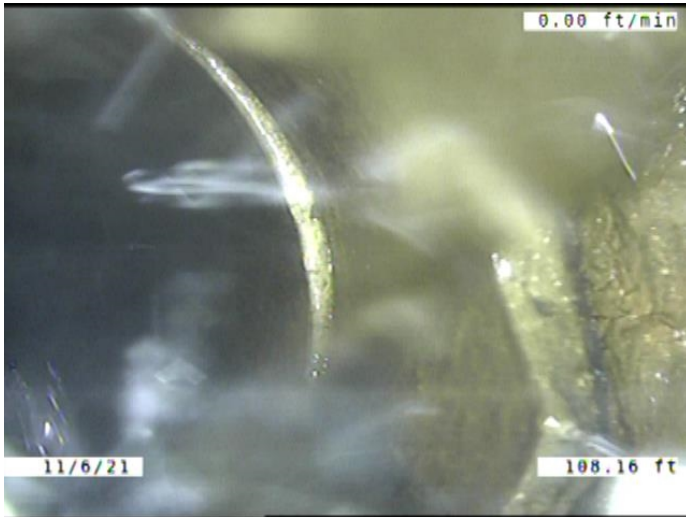
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **108.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F19**
Within 8" of Joint: **NO**
Remarks:



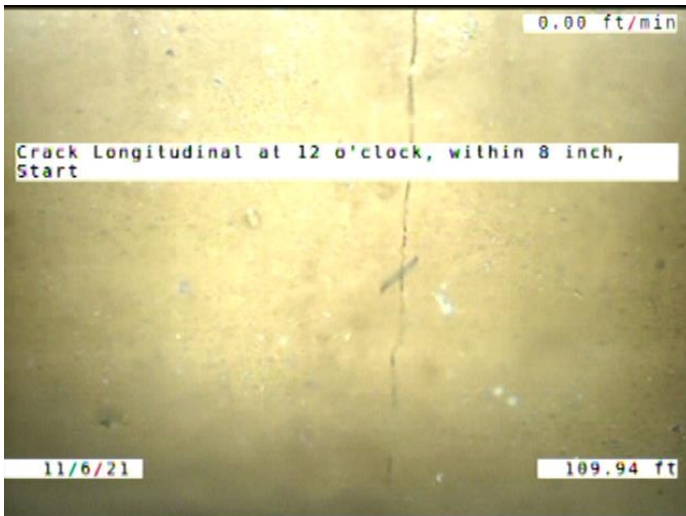
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **108.2**
Structural Grade: **3**
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:



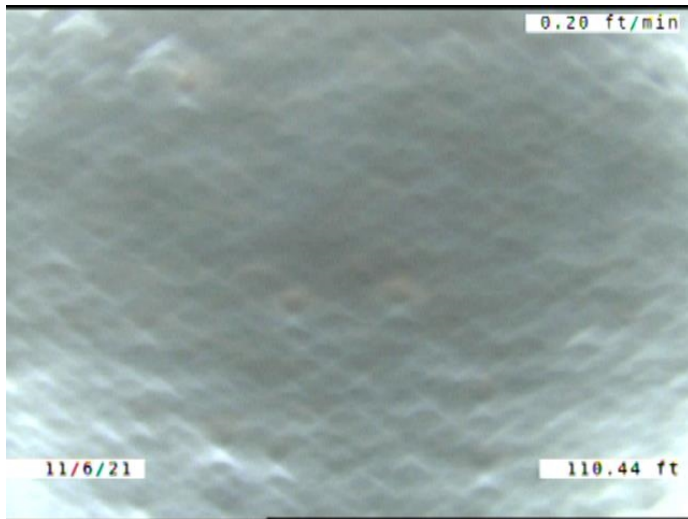
Code: **TBA**
 Description: **Tap Break-in Activity**

Distance (ft): **108.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:

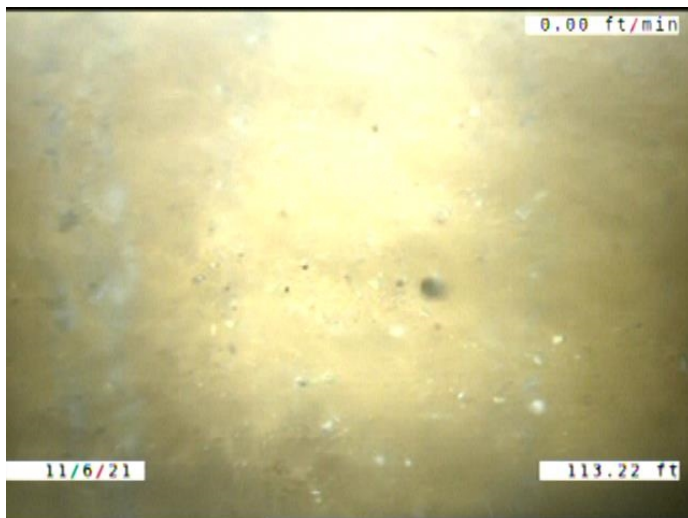


Code: **CL**
 Description: **Crack Longitudinal**

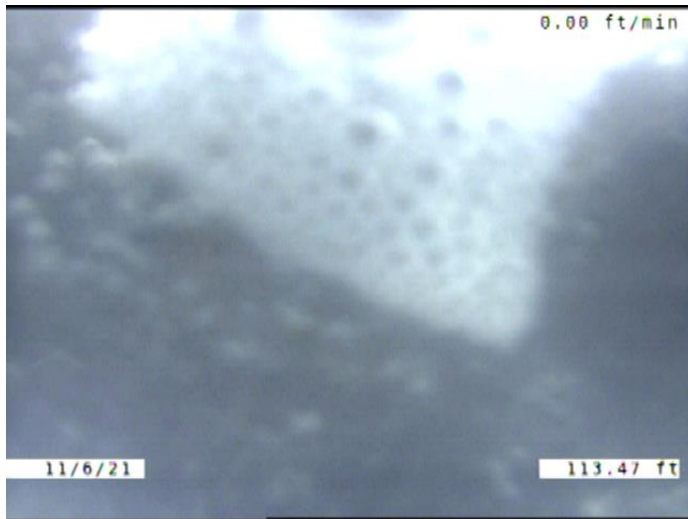
Distance (ft): **109.9**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	110.4
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	Out at 112.1



Code:	CL
Description:	Crack Longitudinal
Distance (ft):	113.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F03
Within 8" of Joint:	YES
Remarks:	



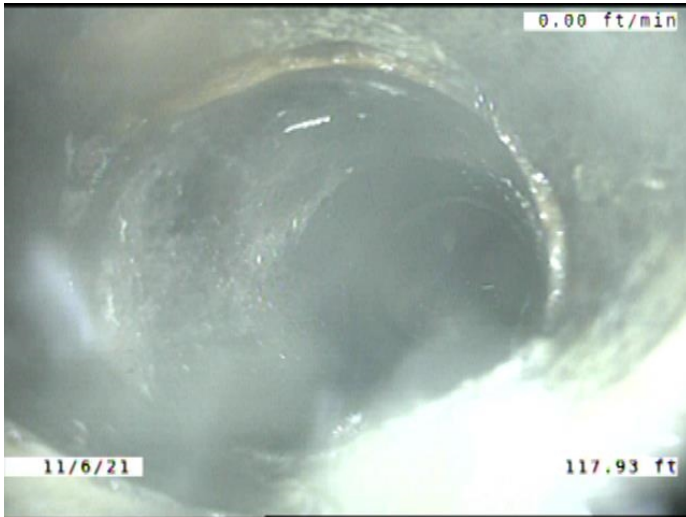
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **113.5**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S20**
Within 8" of Joint: **NO**
Remarks:



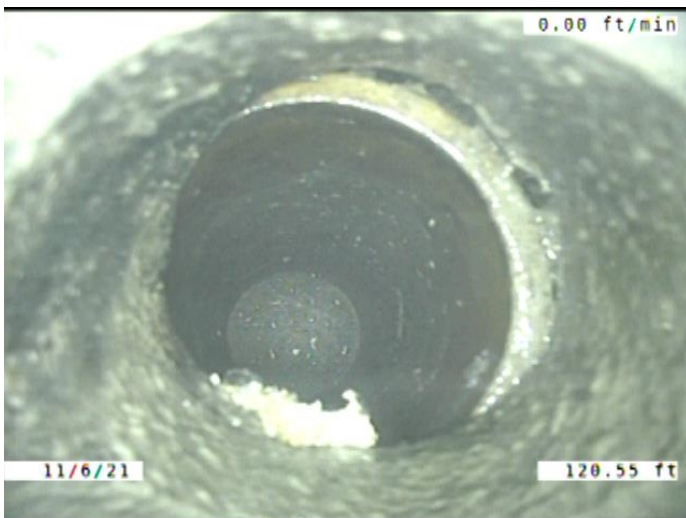
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **117.8**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F20**
Within 8" of Joint: **NO**
Remarks:



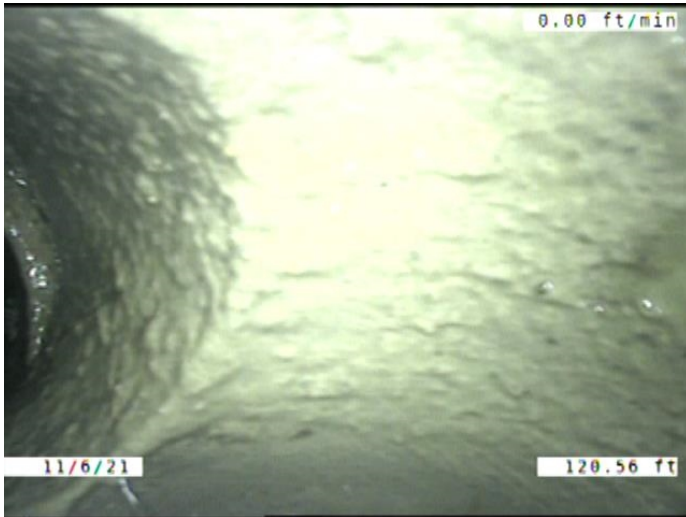
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **117.9**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **Defective**



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

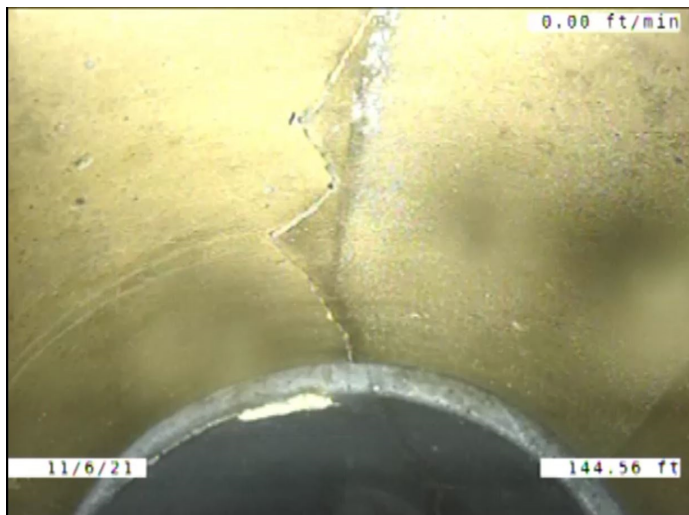
Distance (ft): **120.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CAPPED. CONSTANTLY RUNNING WATER.**



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	120.6
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:	FM
Description:	Fracture Multiple
Distance (ft):	140.1
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S04
Within 8" of Joint:	YES
Remarks:	



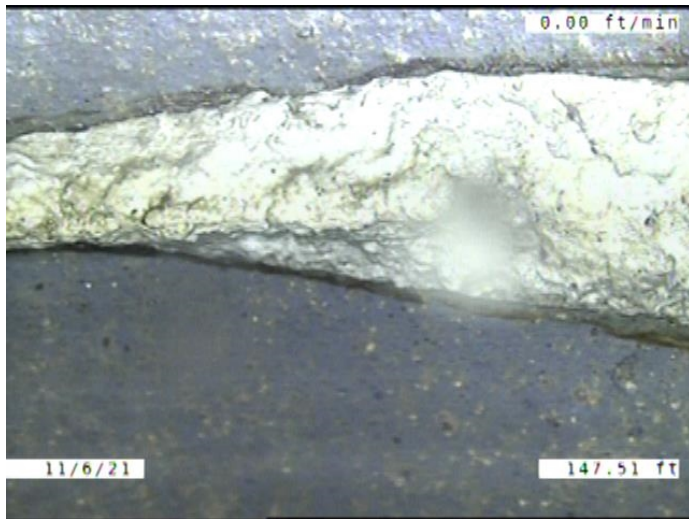
Code: **B**
 Description: **Broken**

Distance (ft): **144.6**
 Structural Grade: **4**
 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): **145.9**
 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:



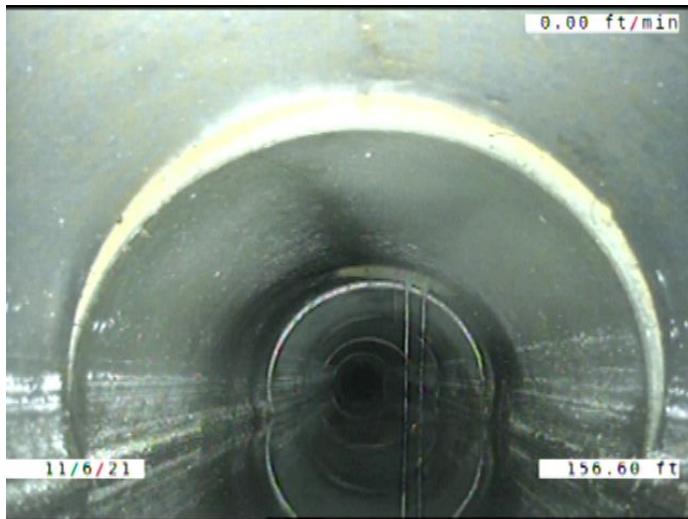
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **147.5**
 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: **NO**
 Remarks:



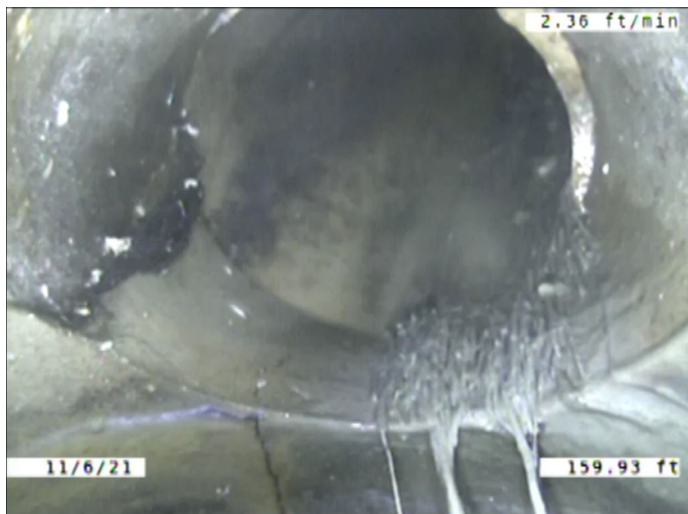
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **152.0**
 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:



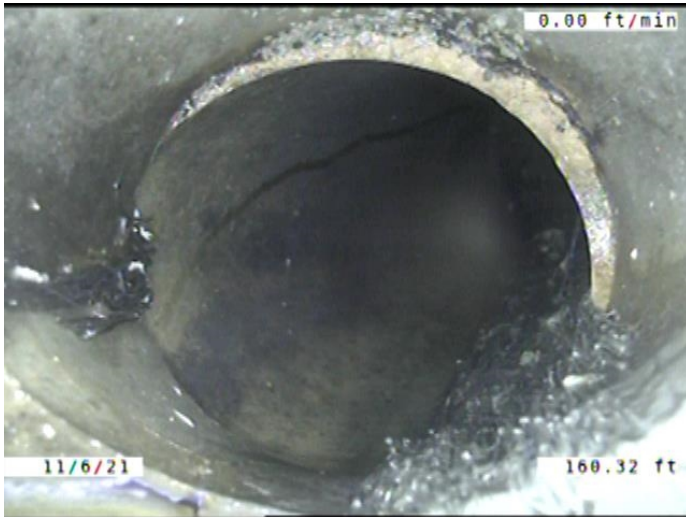
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **156.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



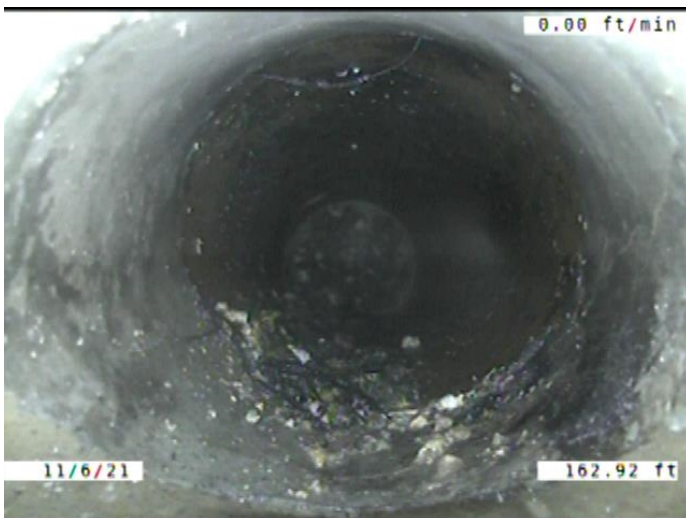
Code: **RFL**
Description: **Roots Fine Lateral**

Distance (ft): **159.9**
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: **NO**
Remarks:



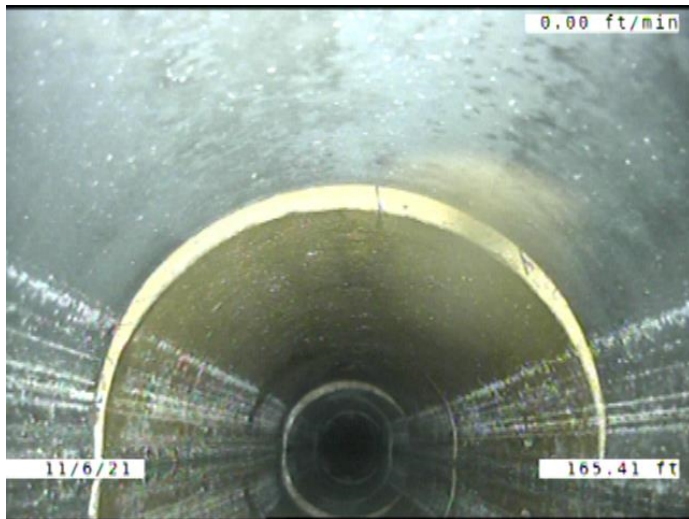
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **160.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **BROKEN. CONSTANTLY RUNNING WATER. ROOTS GROWING INTO THE**



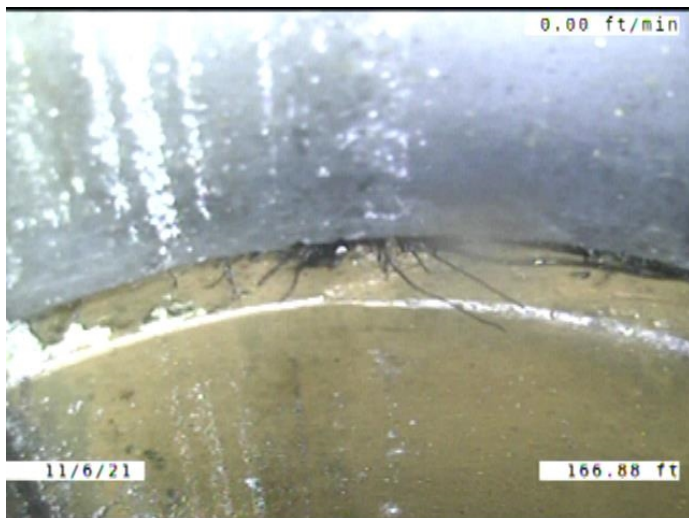
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **162.9**
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. BROKEN. ROOTS GROWING IN THE TAP**



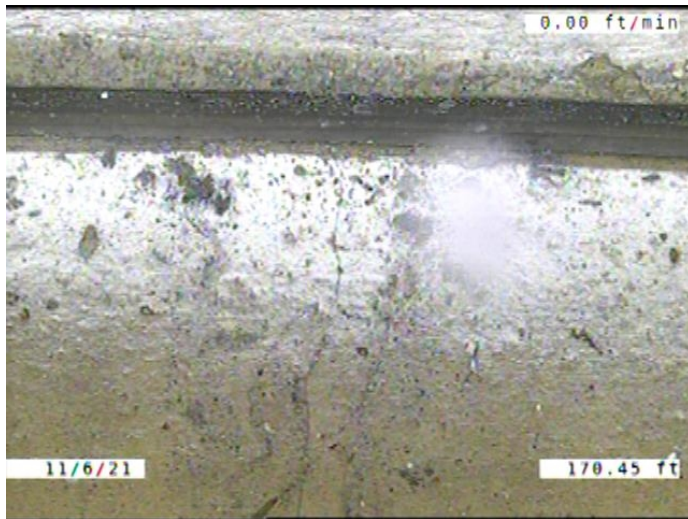
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **165.4**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F04**
 Within 8" of Joint: **YES**
 Remarks:



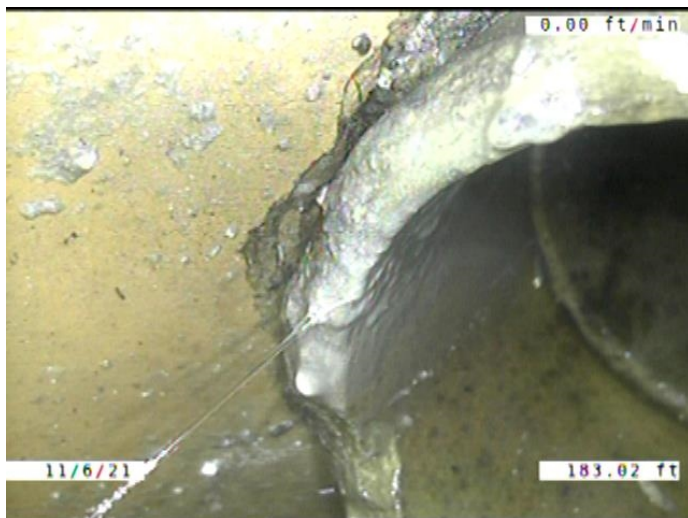
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **166.9**
 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:



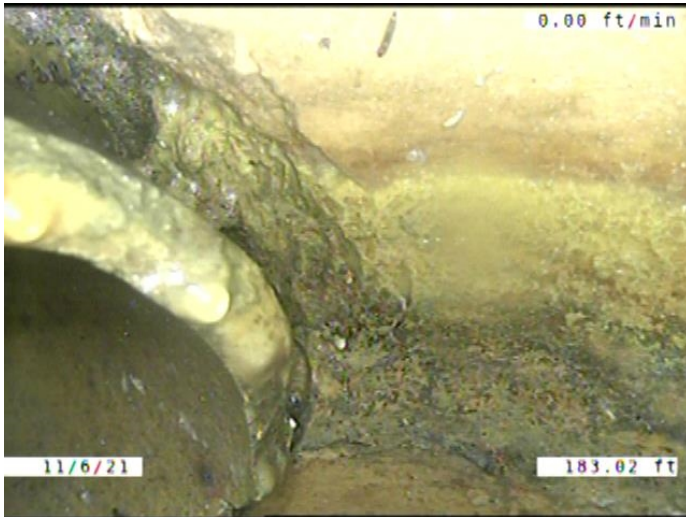
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **170.4**
 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:



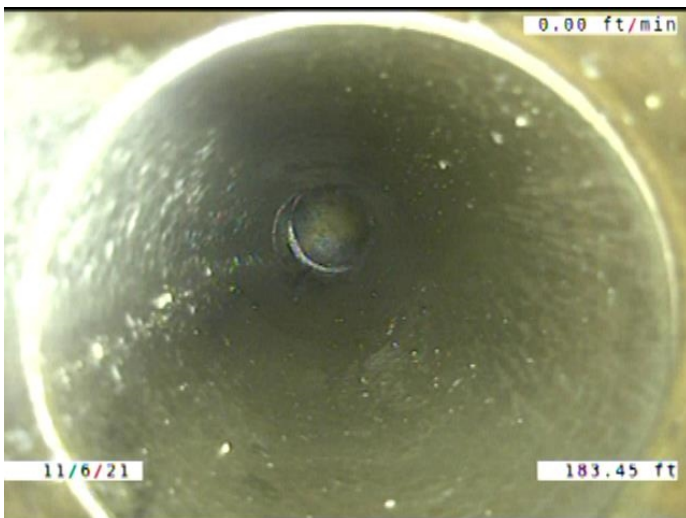
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **183.0**
 Structural Grade: **2**
 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: **ISC**
 Description: **Infiltration Stain Connection**

Distance (ft): **183.0**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



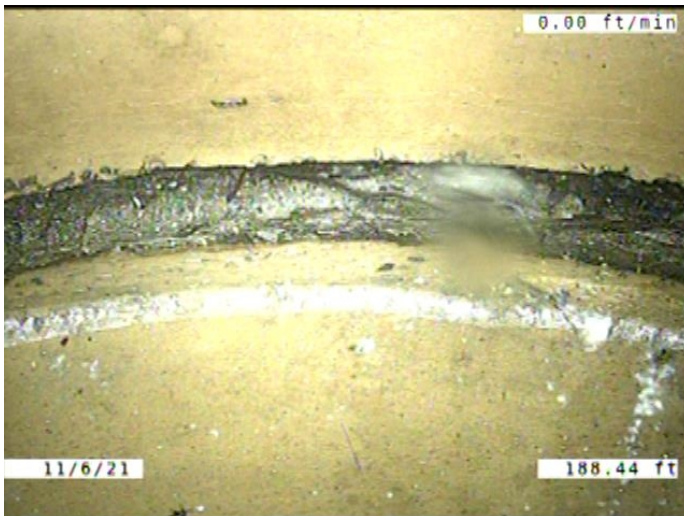
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **183.5**
 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.**



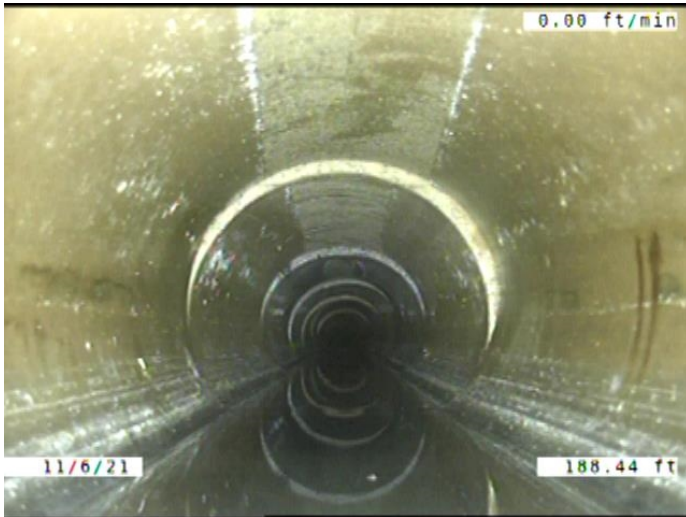
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **184.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S21**
Within 8" of Joint: **YES**
Remarks:



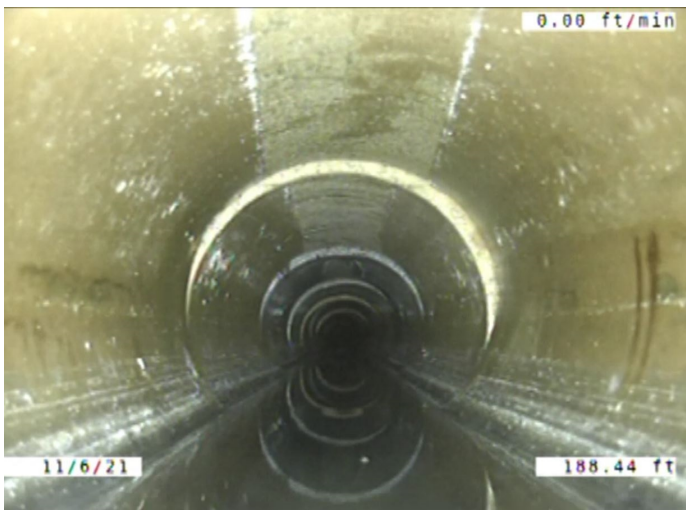
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **188.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



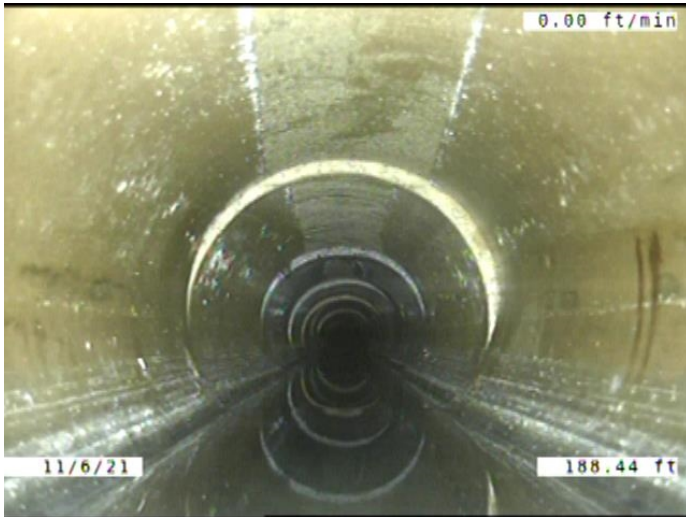
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **188.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **2**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



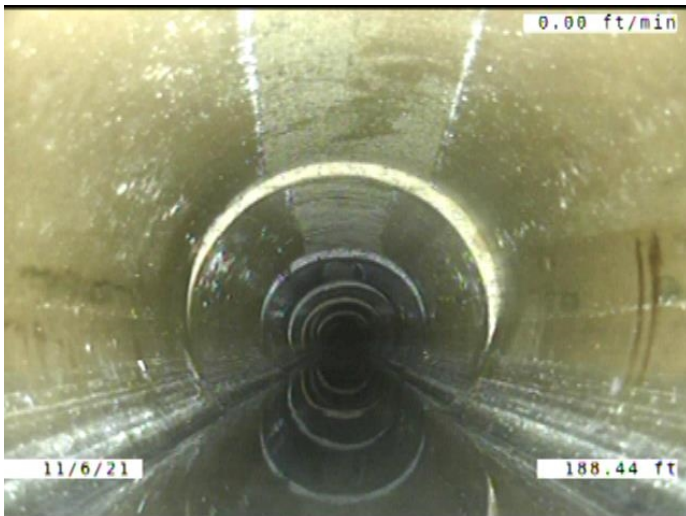
Code: **IS**
 Description: **Infiltration Stain**

Distance (ft): **188.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **2**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



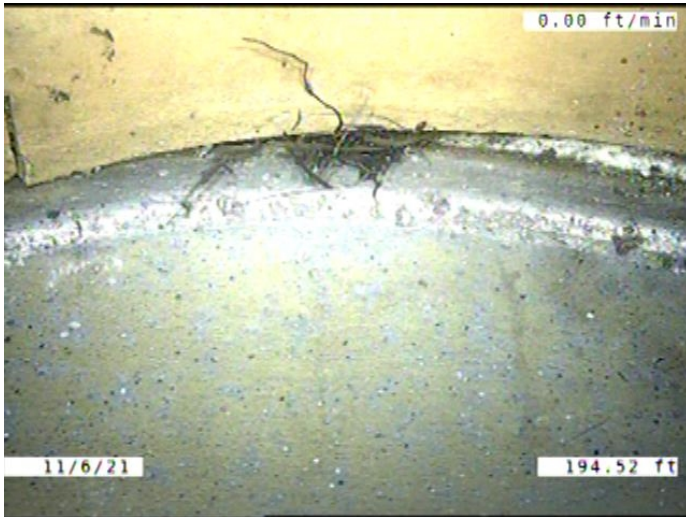
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **188.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



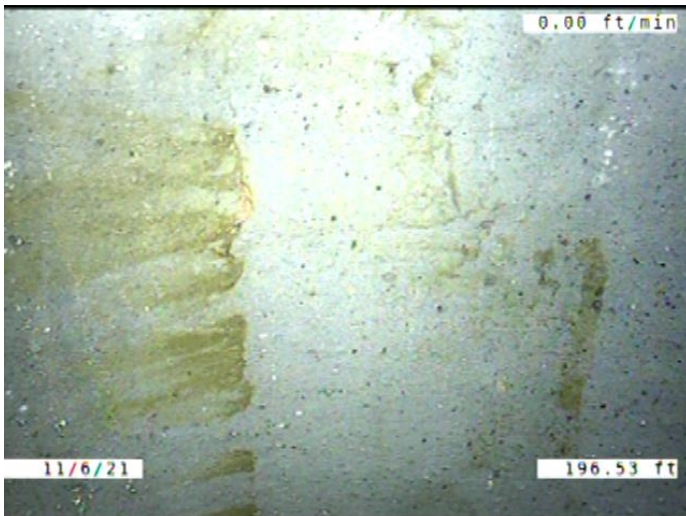
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **188.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



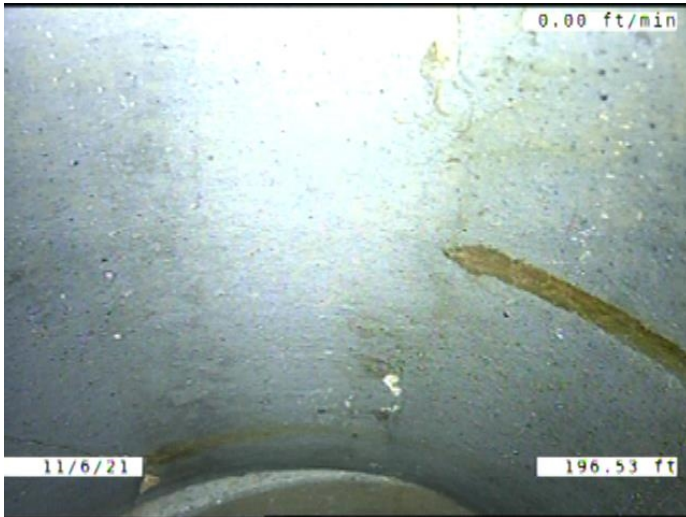
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **194.5**
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:



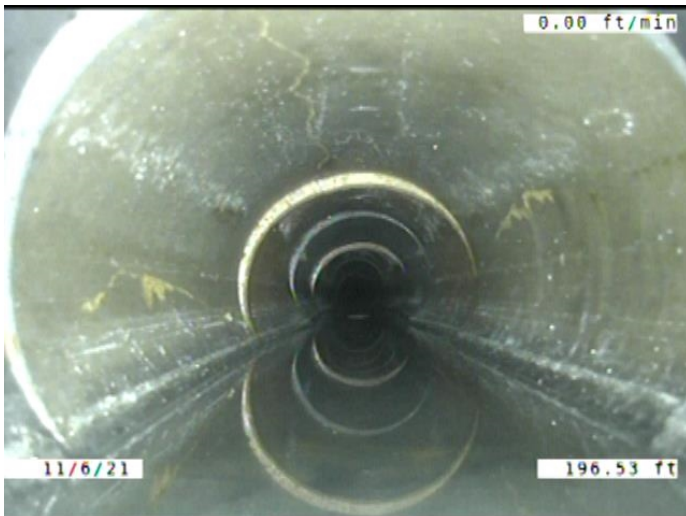
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **196.5**
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: **NO**
Remarks:



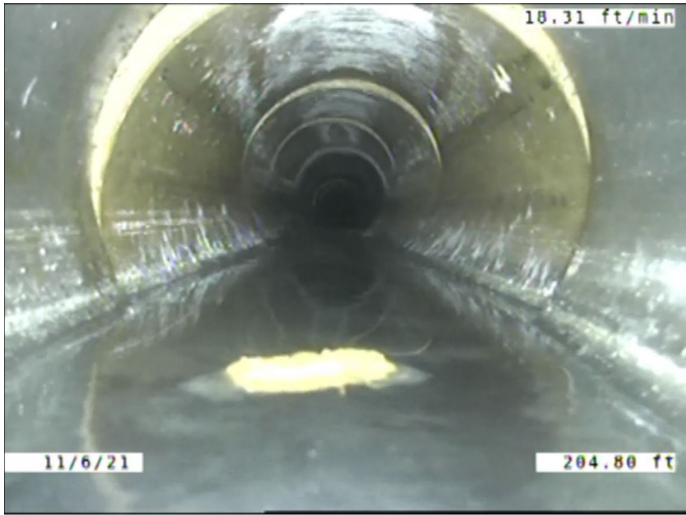
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **196.5**
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:



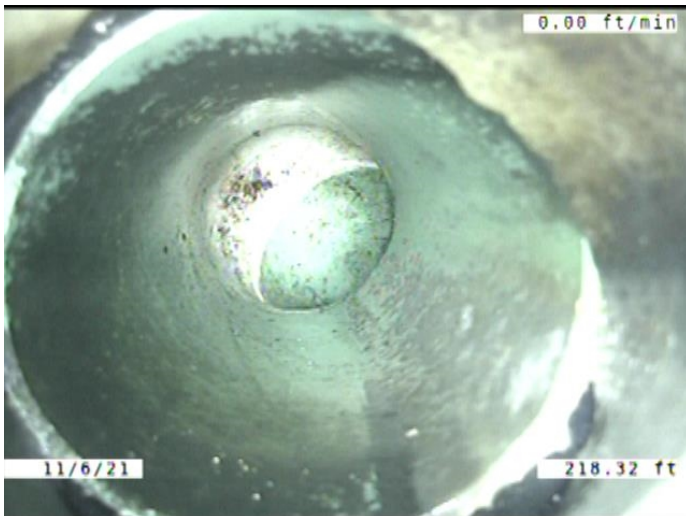
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **196.5**
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: **FM**
Description: **Fracture Multiple**

Distance (ft): **204.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F21**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **218.3**
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: **CONSTANTLY RUNNING WATER.**



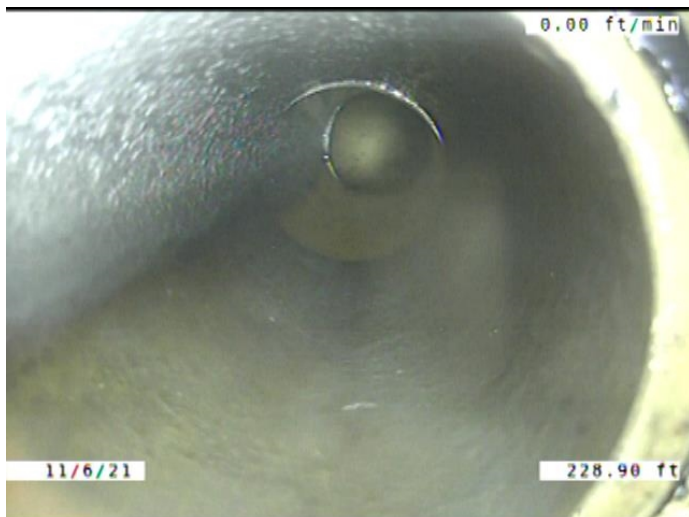
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **221.0**
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: **OFFSET**



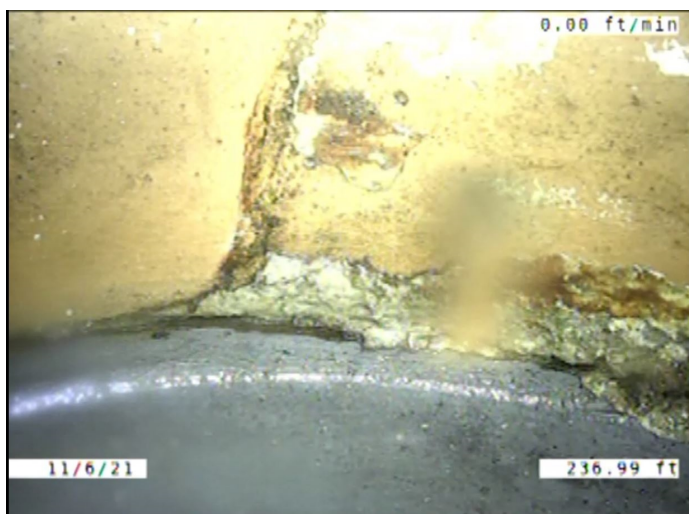
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **225.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



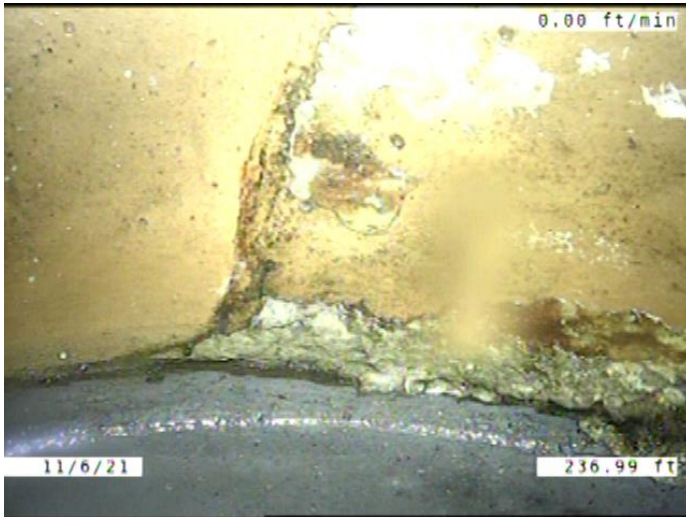
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **228.9**
 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: **CONSTANTLY RUNNING WATER.**



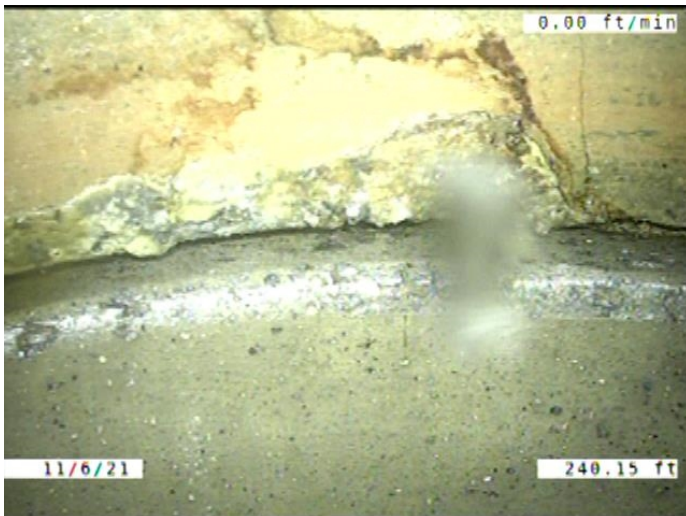
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **237.0**
 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:



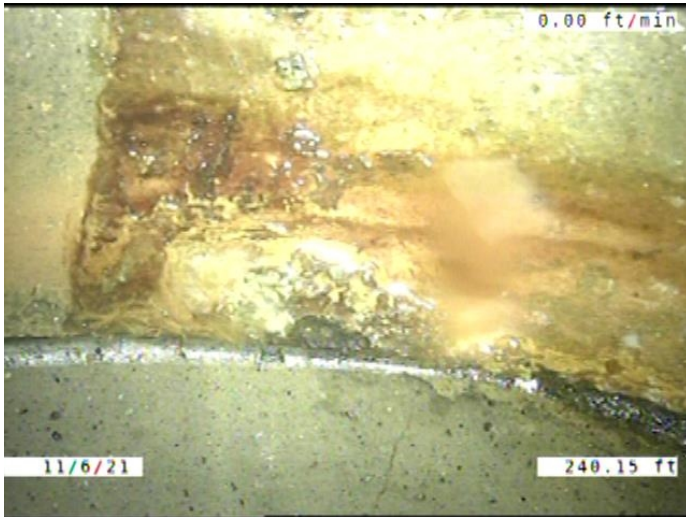
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **237.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



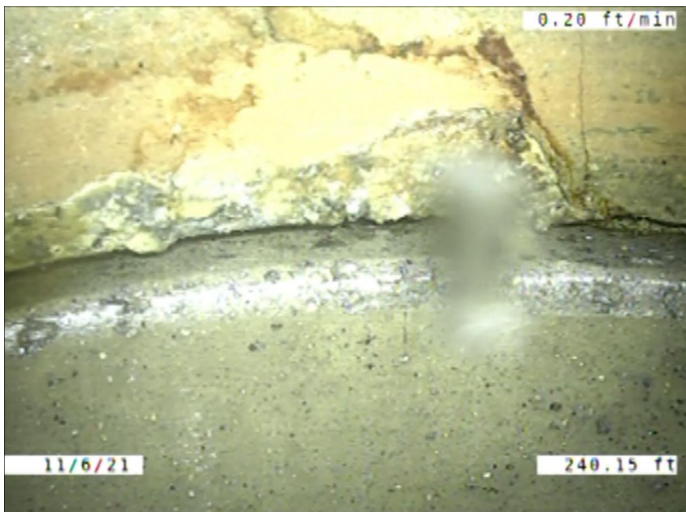
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **240.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



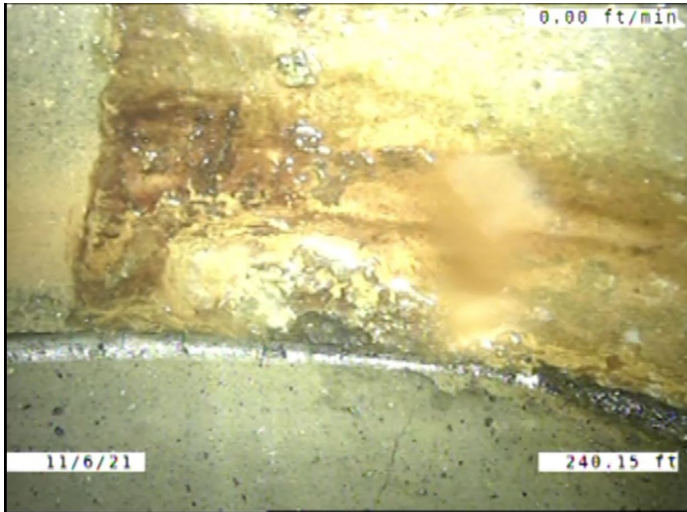
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **240.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



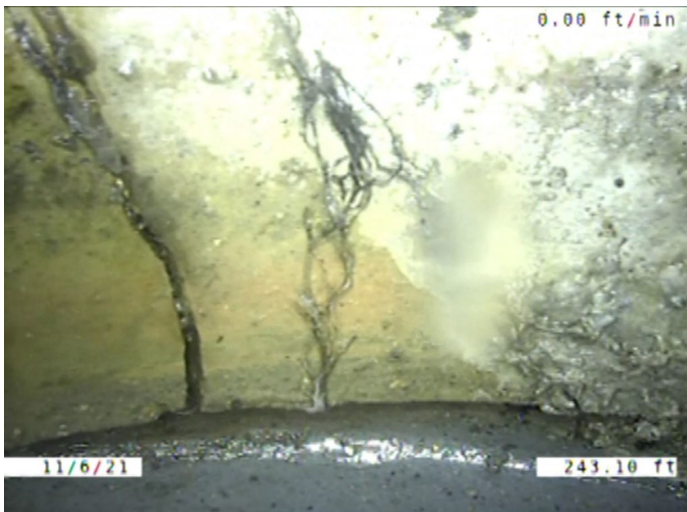
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **240.2**
 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:



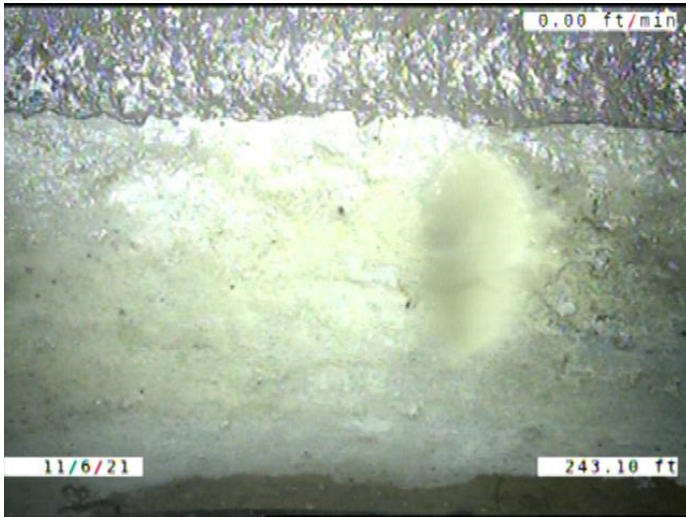
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **240.2**
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:



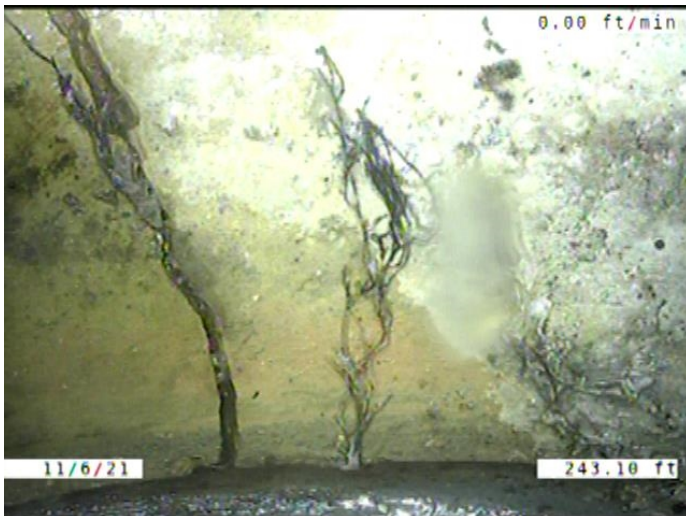
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **243.1**
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:



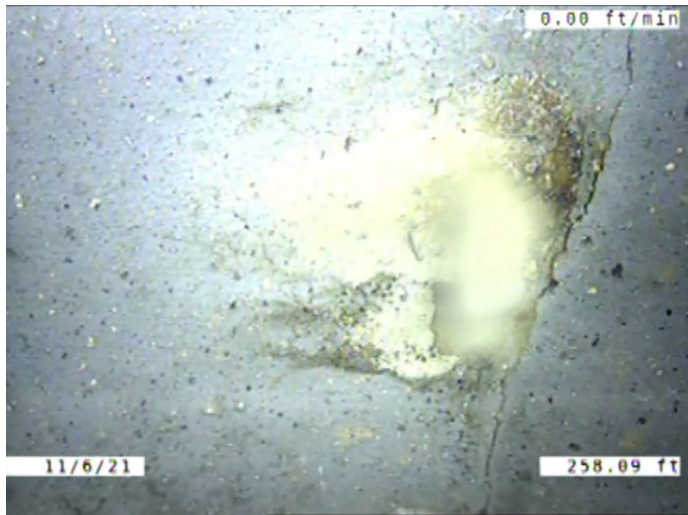
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **243.1**
 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:



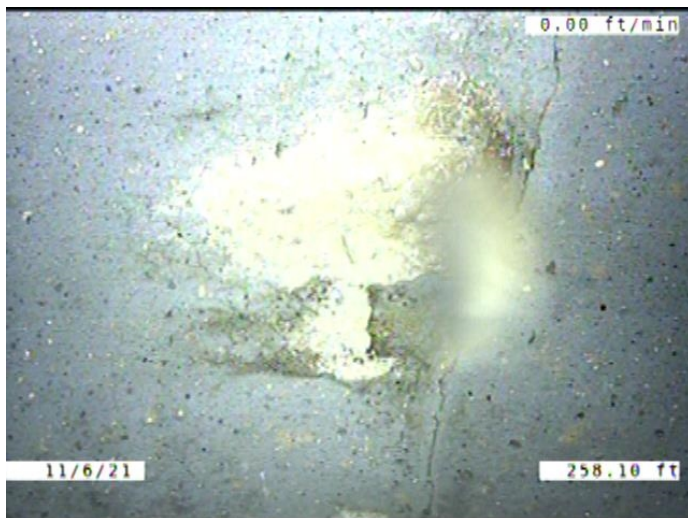
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **243.1**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



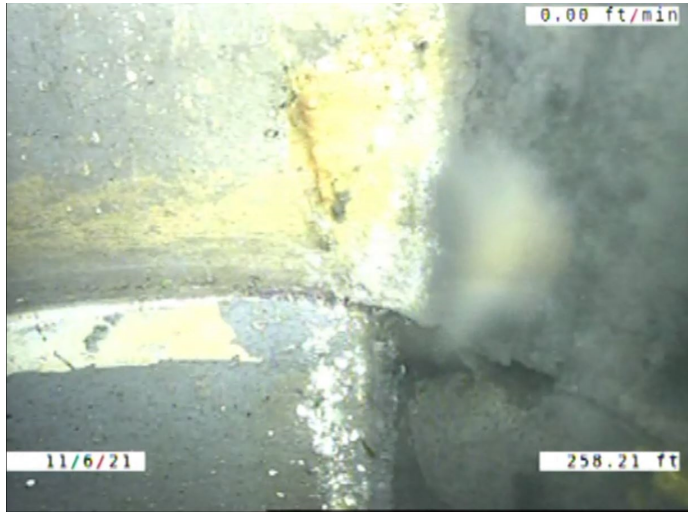
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **258.1**
 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:



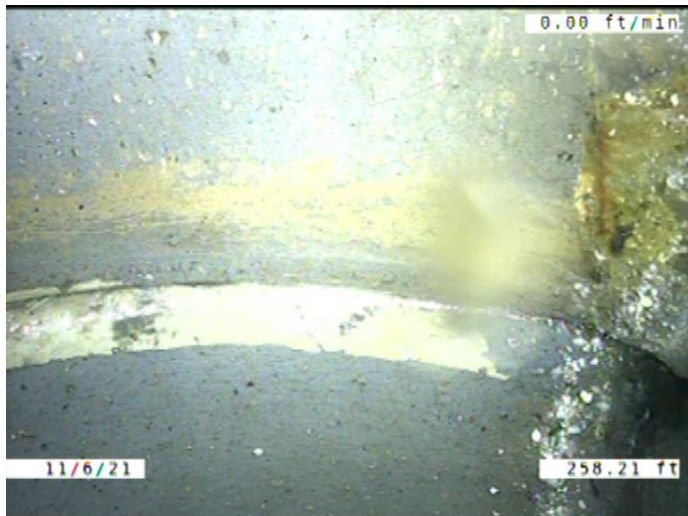
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **258.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



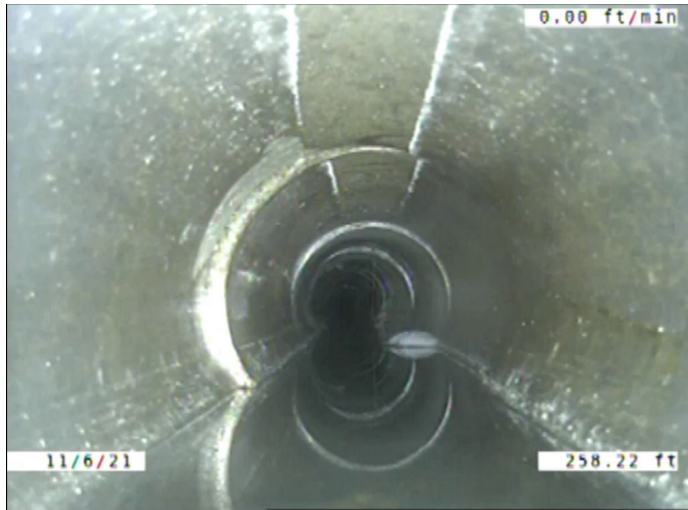
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **258.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



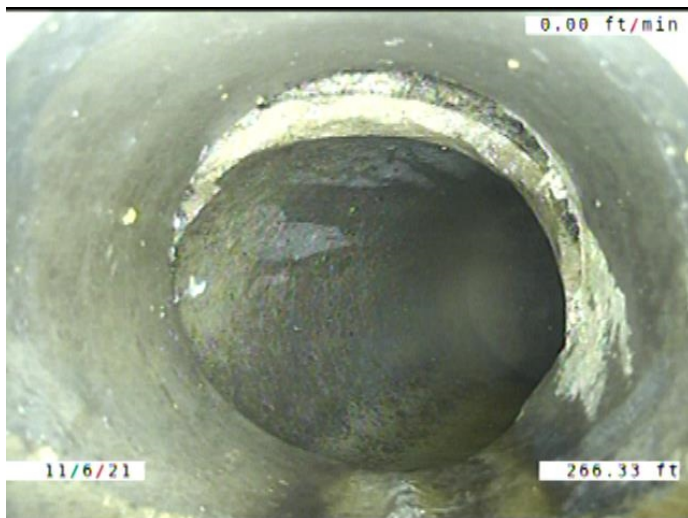
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **258.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S07**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **258.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S22**
Within 8" of Joint: **YES**
Remarks: **Wandering**

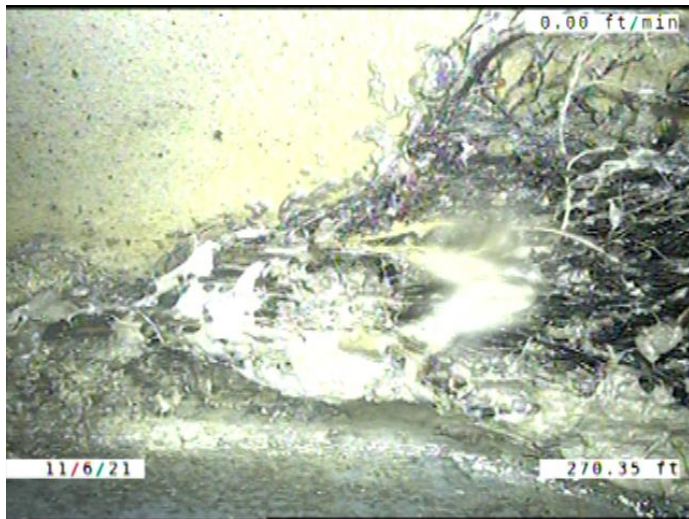


Code: **TFD**
Description: **Tap Factory Defective**

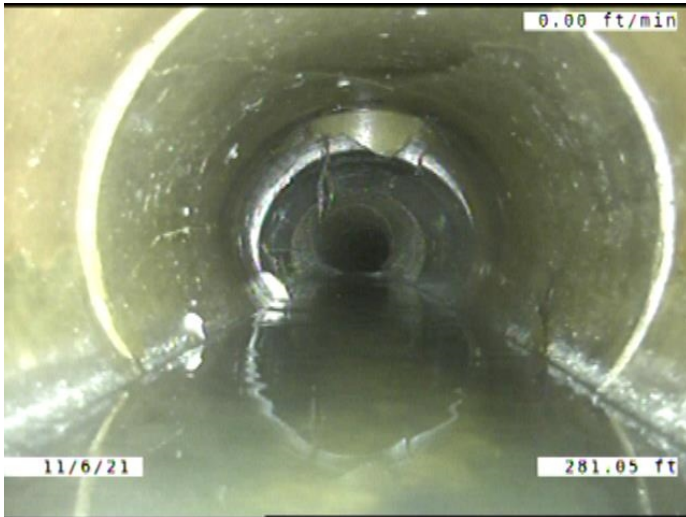
Distance (ft): **266.3**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **LARGE OFFSET. SOIL VISIBLE.
CONSTANTLY RUNNING WATER.**



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	269.4
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:	OFFSET. ROOTS GROWING FROM THE JOINT. ENCUSTATION COMING

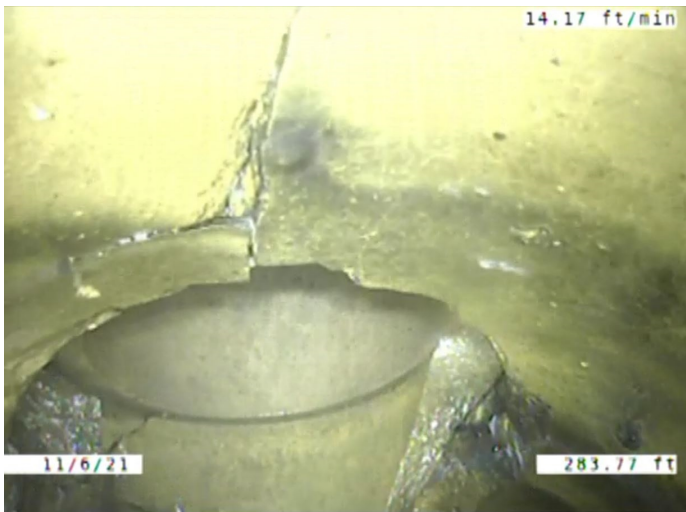


Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	270.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	2
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



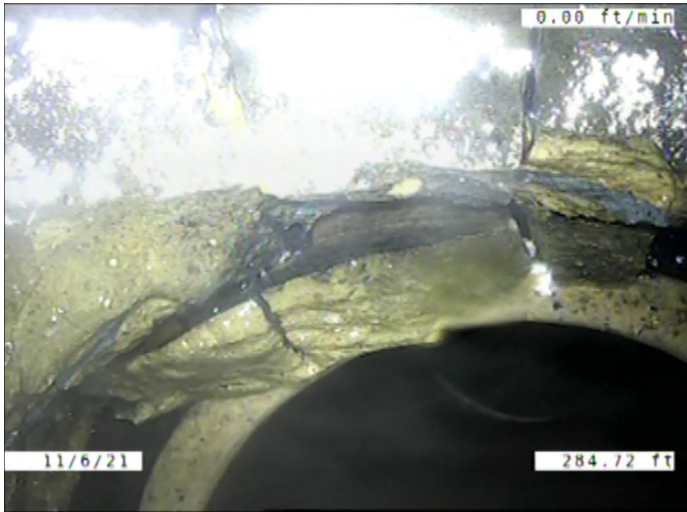
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **281.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



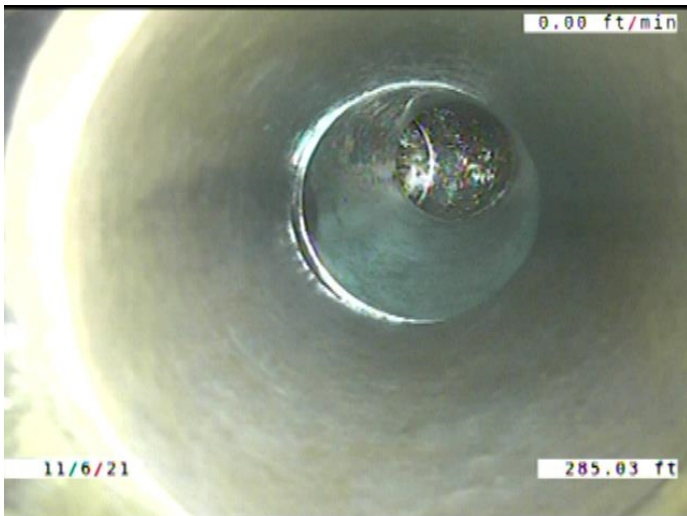
Code: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **283.8**
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: **NO**
Remarks:



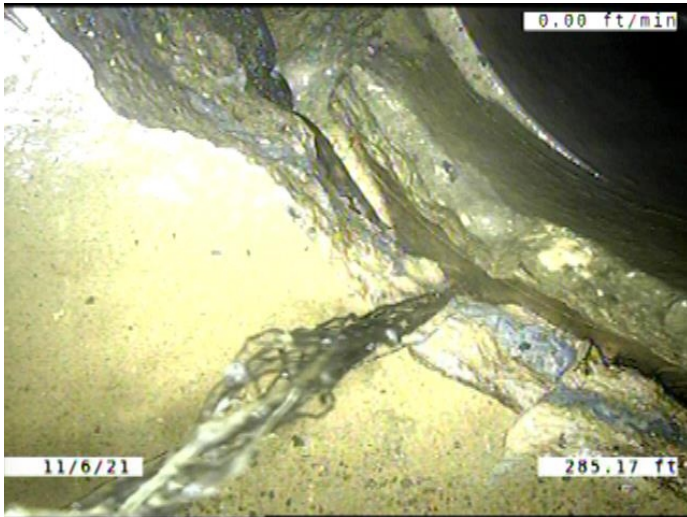
Code: **B**
Description: **Broken**

Distance (ft): **284.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



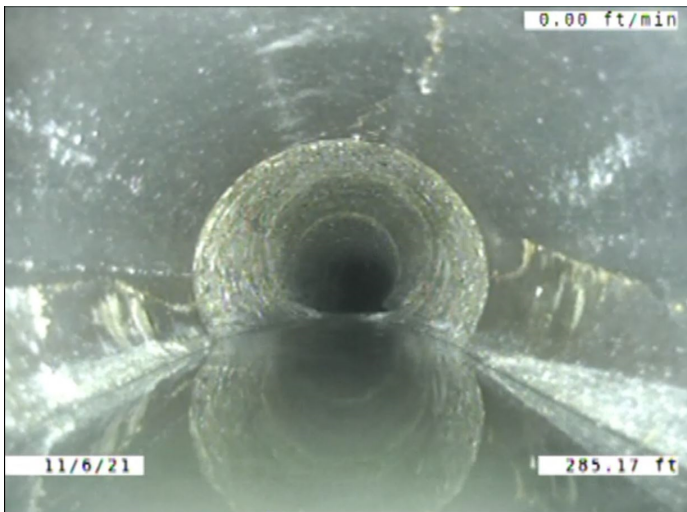
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **285.0**
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: **CONSTANTLY RUNNING WATER.**



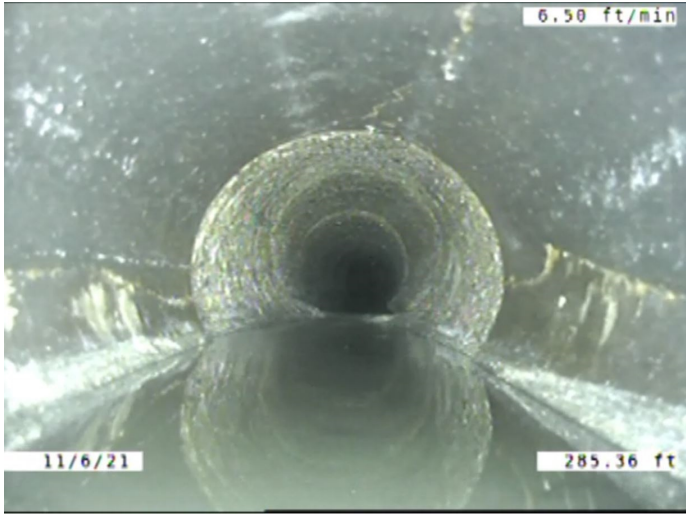
Code: **RFC**
 Description: **Roots Fine Connection**

Distance (ft): **285.2**
 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: **NO**
 Remarks:



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

Distance (ft): **285.2**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F22**
 Within 8" of Joint: **YES**
 Remarks: **Wandering**



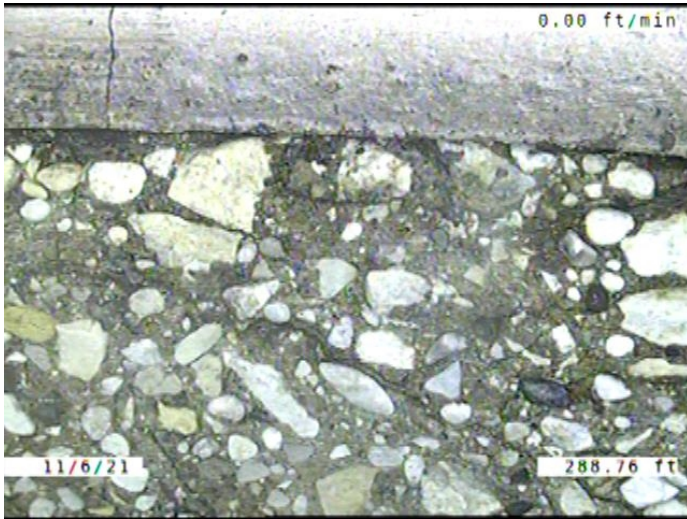
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **285.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S23**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **288.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F23**
Within 8" of Joint: **YES**
Remarks:



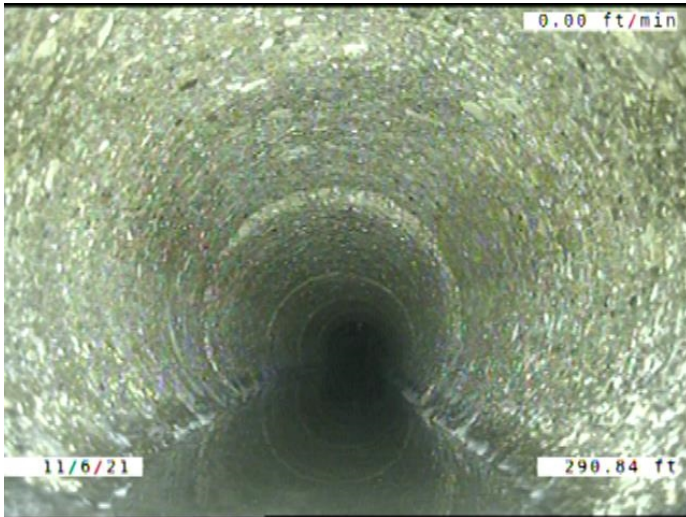
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **288.8**
 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 CONCRETE**



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

Distance (ft): **290.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F07**
 Within 8" of Joint: **YES**
 Remarks:



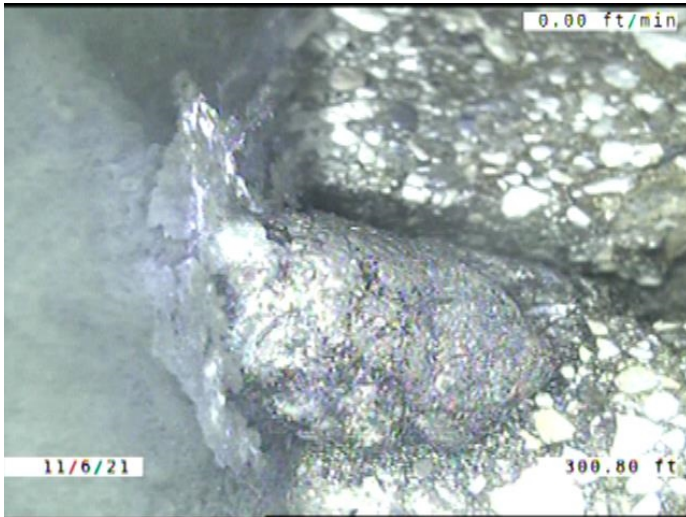
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **290.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



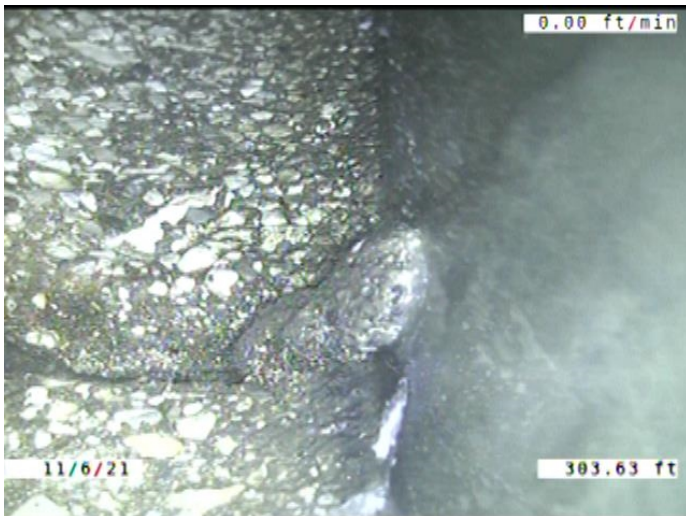
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **295.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S09**
Within 8" of Joint: **NO**
Remarks:



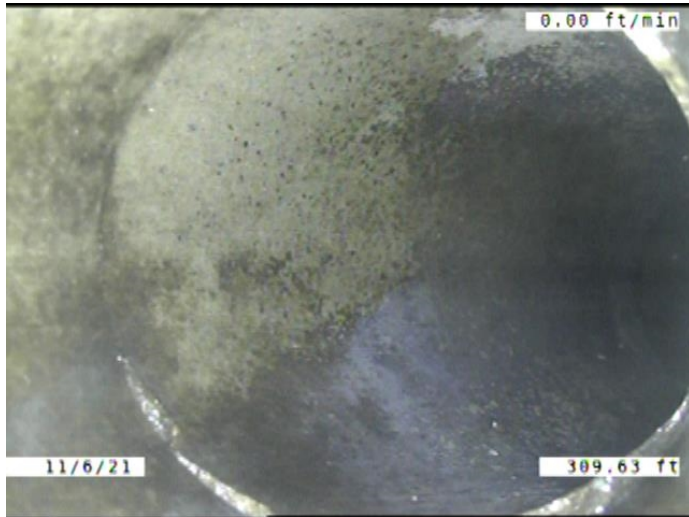
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **300.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



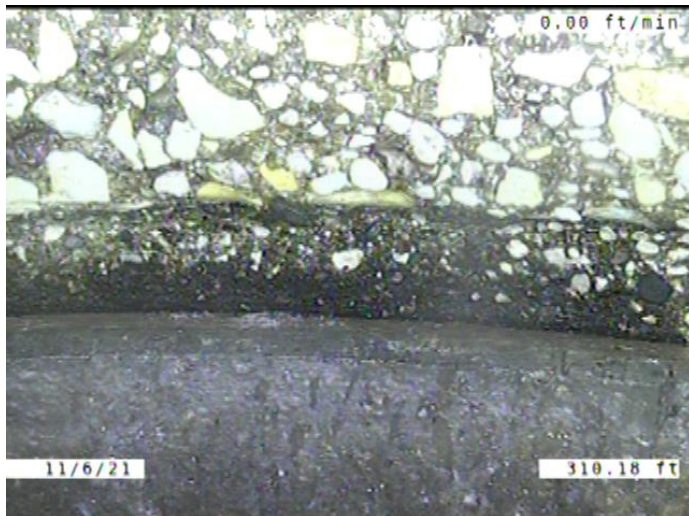
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **303.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **8**
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): **309.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To:
 1st Value: **6.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER.**



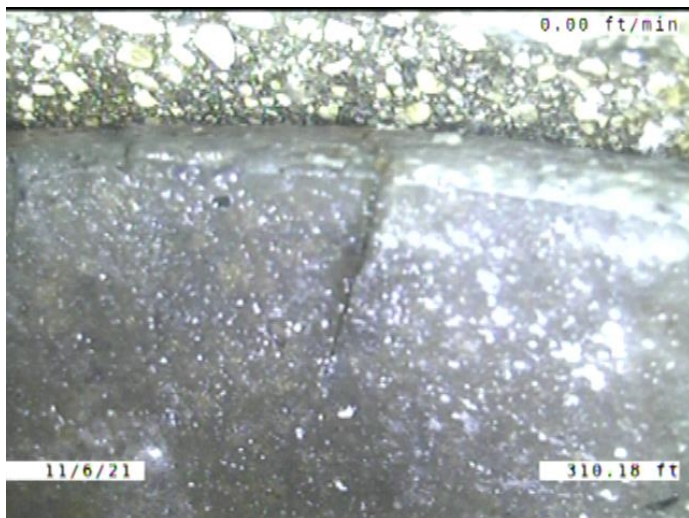
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **310.2**
 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: **CONCRETE TO VCP**



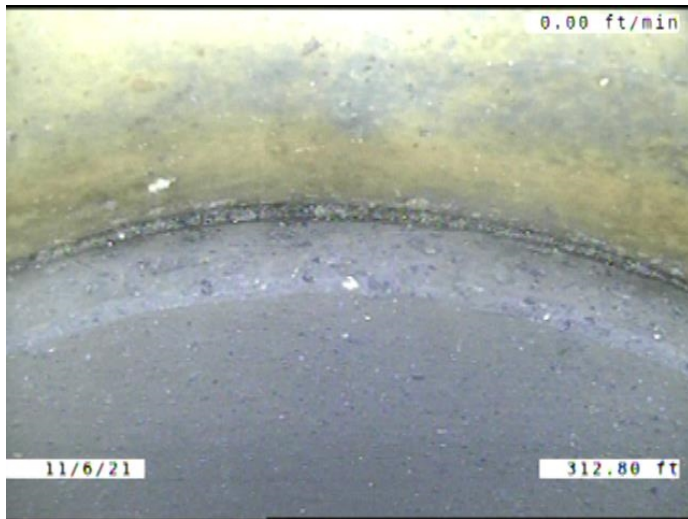
Code: **SZ**
Description: **Surface Damage Other**

Distance (ft): **310.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



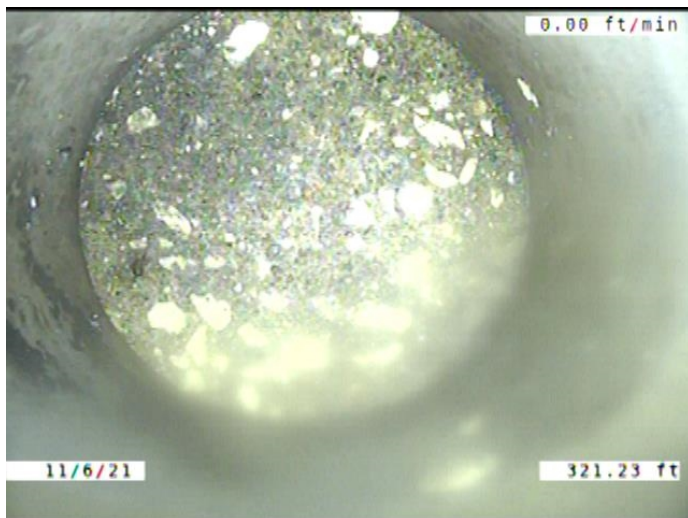
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **310.2**
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:



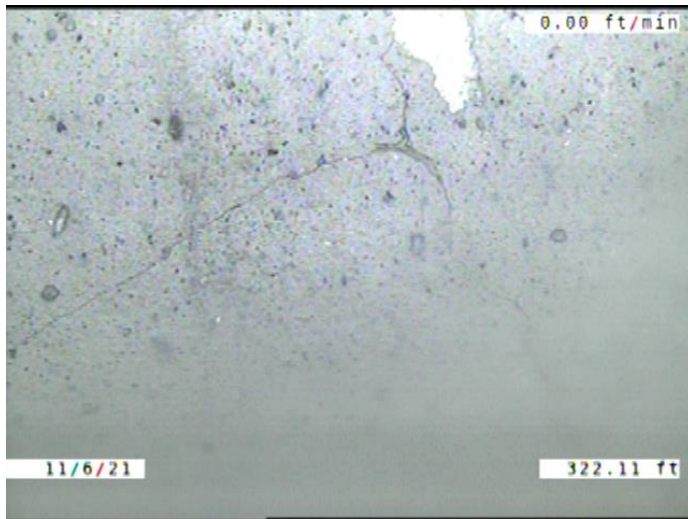
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **312.8**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S10**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **321.2**
 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: **CM**
 Description: **Crack Multiple**

Distance (ft): **322.1**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S24**
 Within 8" of Joint: **YES**
 Remarks: **Wandering**



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

Distance (ft): **322.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



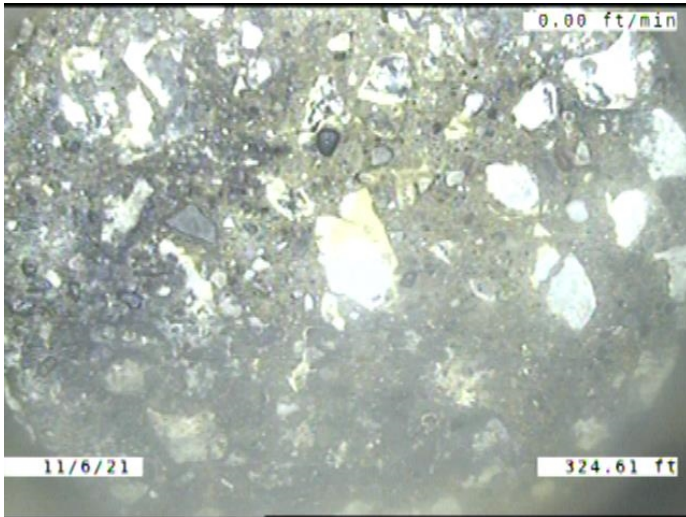
Code: **DAGS**
Description: **Deposits Attached Grease**

Distance (ft): **323.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



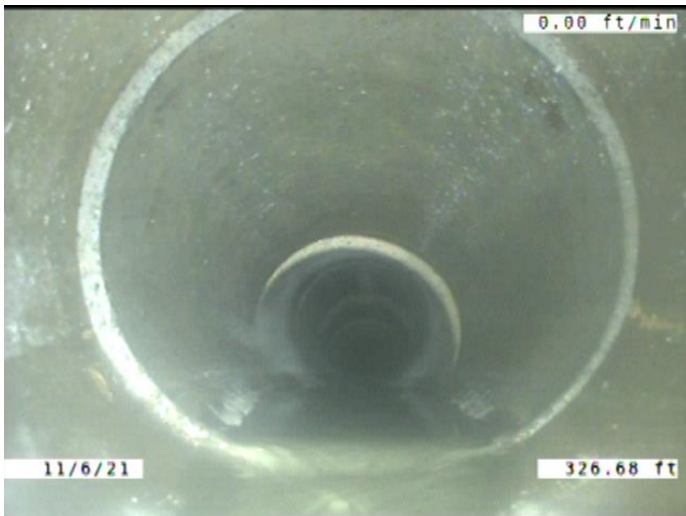
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **324.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **324.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value: **2.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **326.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F09**
Within 8" of Joint: **NO**
Remarks:



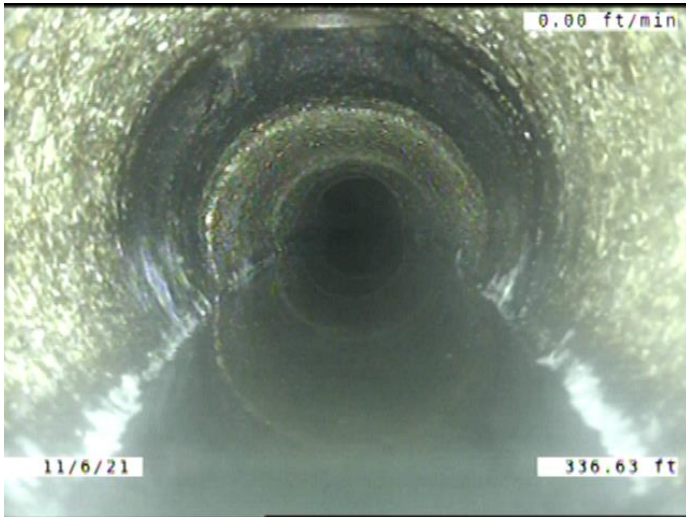
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **329.3**
 Structural Grade: **2**
 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: **CM**
 Description: **Crack Multiple**

Distance (ft): **333.8**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F24**
 Within 8" of Joint: **YES**
 Remarks: **Wandering**



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

Distance (ft): **336.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index: **S12**
 Within 8" of Joint: **NO**
 Remarks:



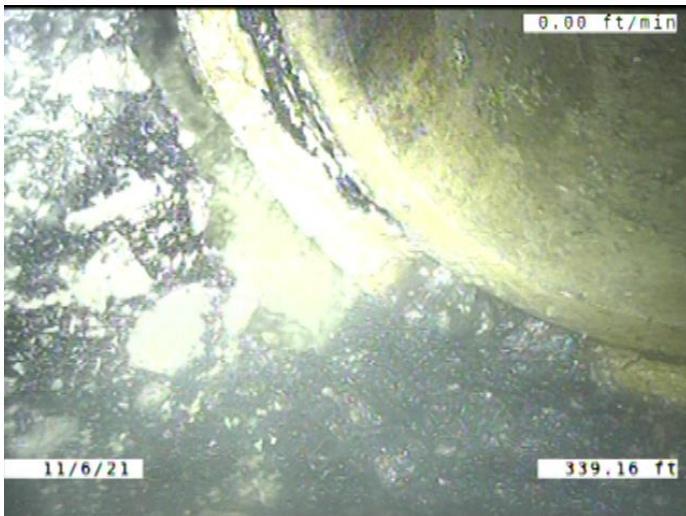
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **337.5**
 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:



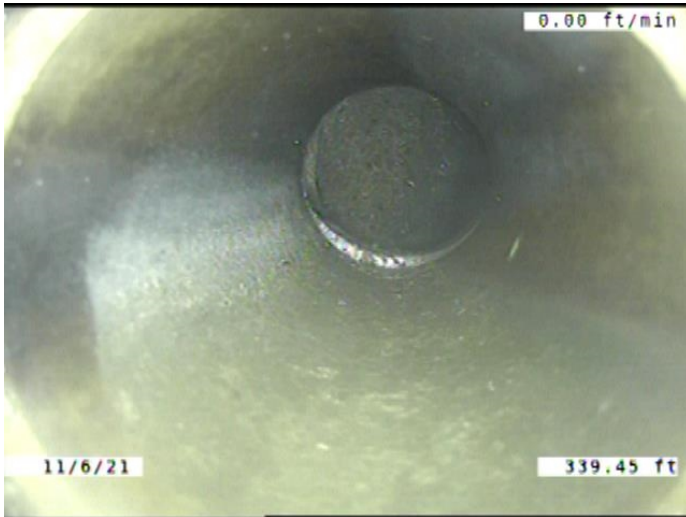
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **337.5**
 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 CONCRETE**



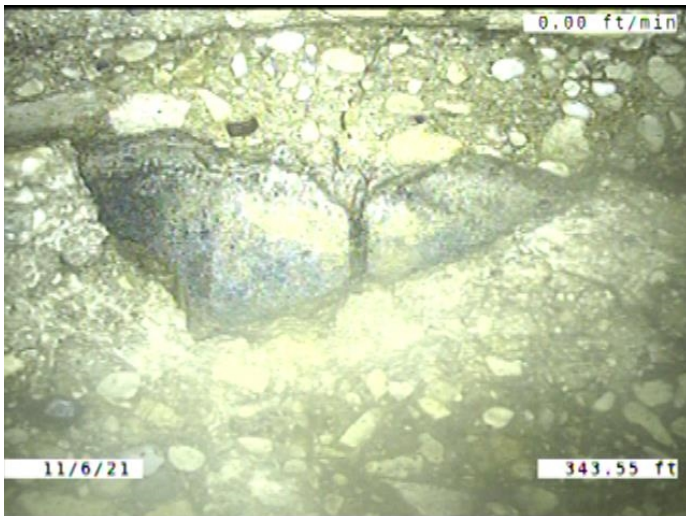
Code: **FL**
 Description: **Fracture Longitudinal**

Distance (ft): **339.2**
 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: **TBD**
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **339.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **Defective**



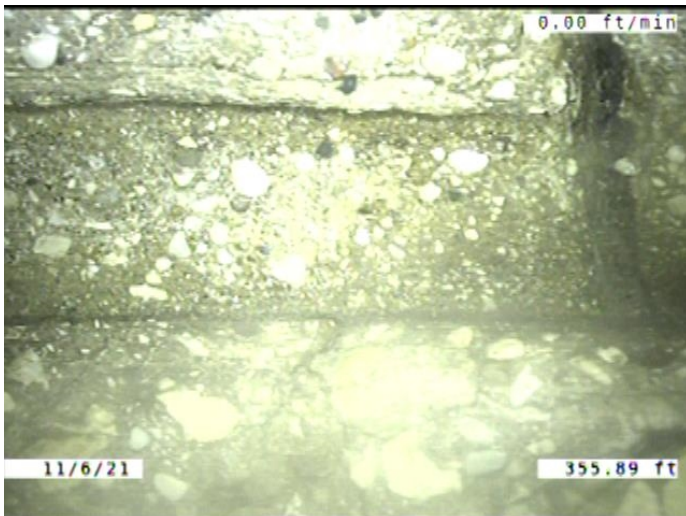
Code: **SMW**
 Description: **Surface Damage Missing Wall**

Distance (ft): **343.5**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **INSIDE OF THE JOINT**



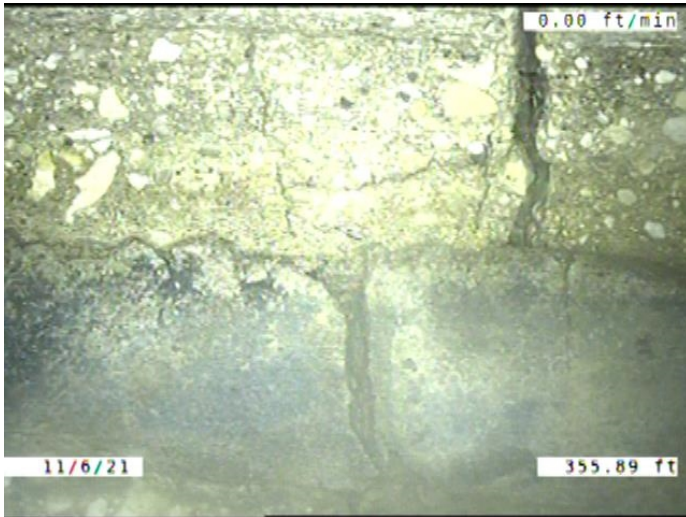
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **354.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F12**
Within 8" of Joint: **NO**
Remarks:



Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **355.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



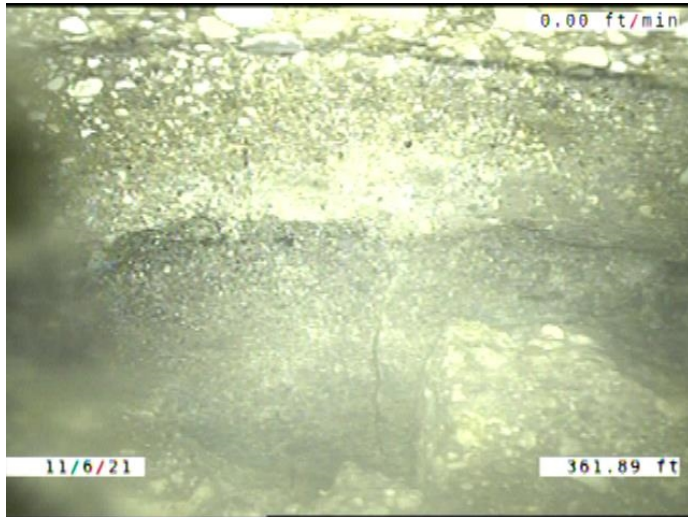
Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **355.9**
Structural Grade: **5**
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: **INSIDIE OF THE JOINT**



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

Distance (ft): **355.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **35.000**
Continuous Index: **S13**
Within 8" of Joint: **NO**
Remarks:



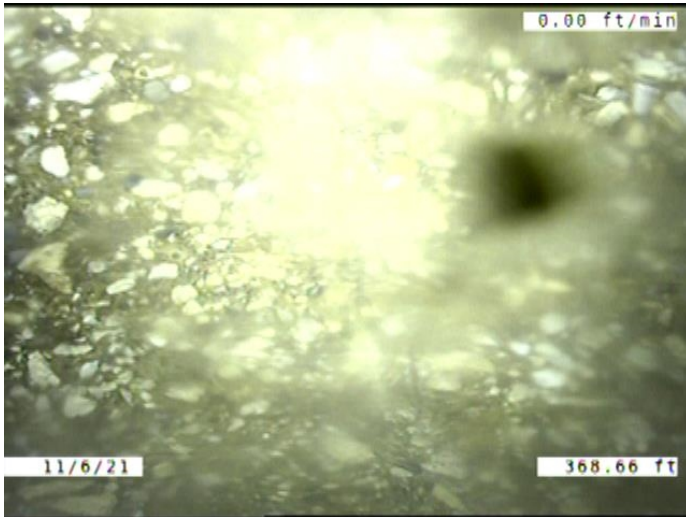
Code: **SMW**
 Description: **Surface Damage Missing Wall**

Distance (ft): **361.9**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

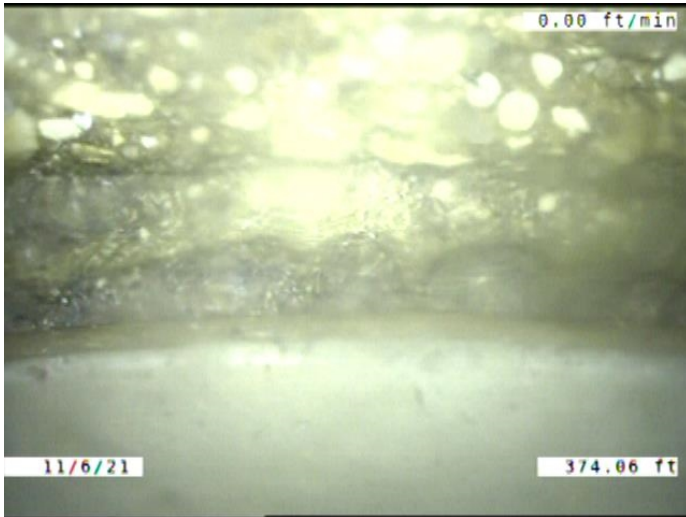
Distance (ft): **362.7**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S14**
 Within 8" of Joint: **NO**
 Remarks:



Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	368.7
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F14
Within 8" of Joint:	NO
Remarks:	

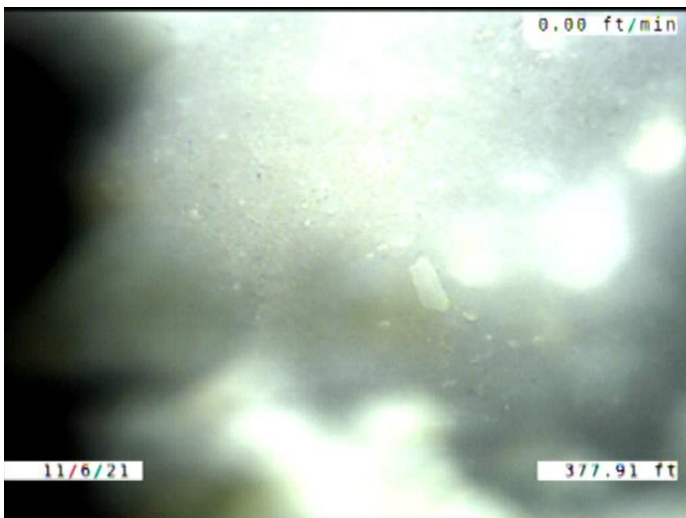


Code:	FM
Description:	Fracture Multiple
Distance (ft):	374.1
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



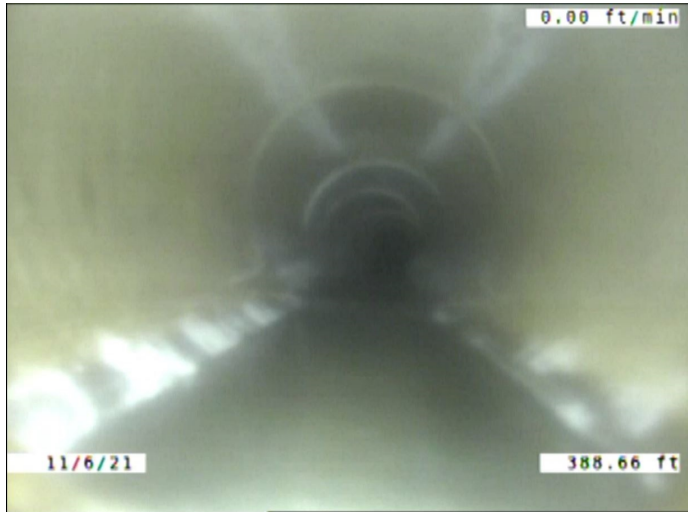
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **374.1**
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: **CONCRETE TO VCP**



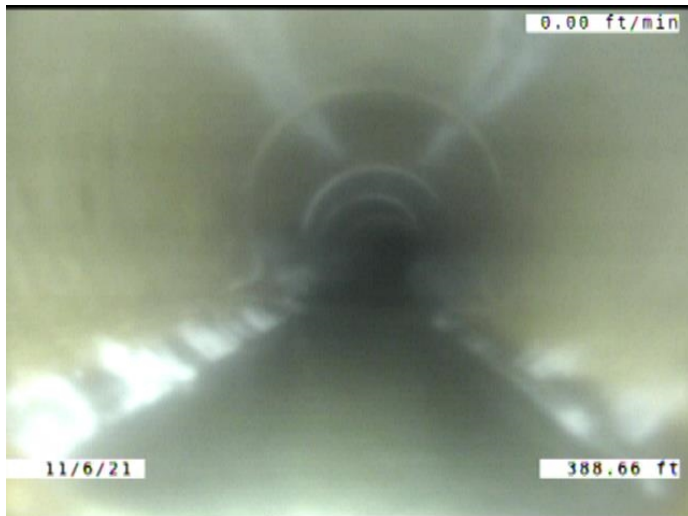
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **377.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S25**
Within 8" of Joint: **NO**
Remarks:



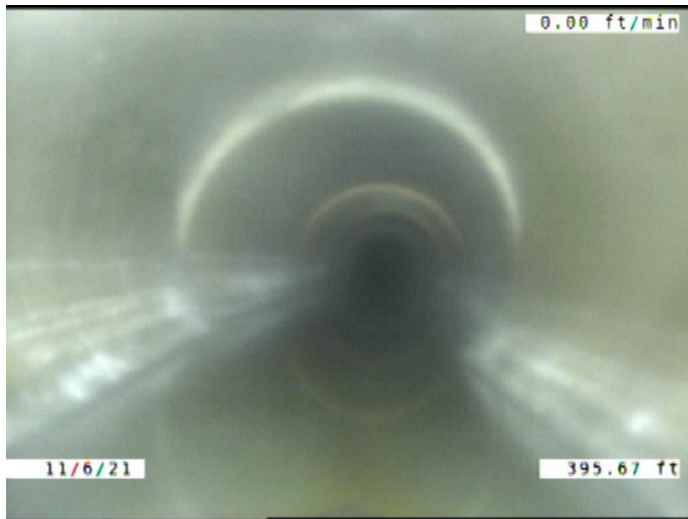
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **388.7**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F25**
Within 8" of Joint: **NO**
Remarks:



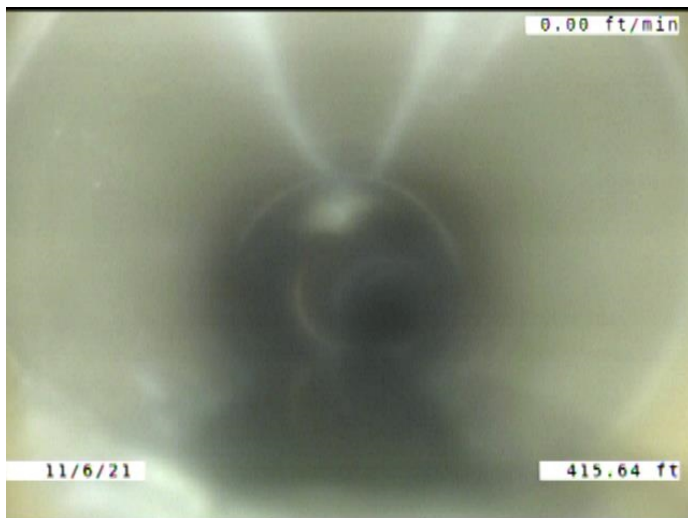
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **388.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **35.000**
Continuous Index: **F13**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **395.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S15**
Within 8" of Joint: **NO**
Remarks:



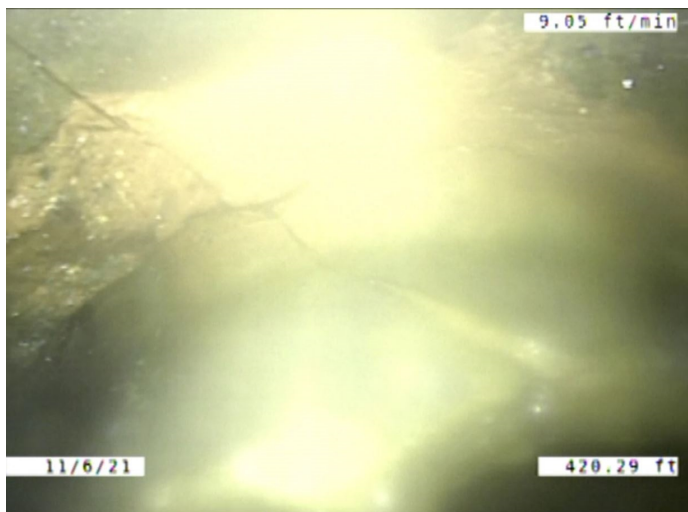
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **415.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F15**
Within 8" of Joint: **NO**
Remarks:



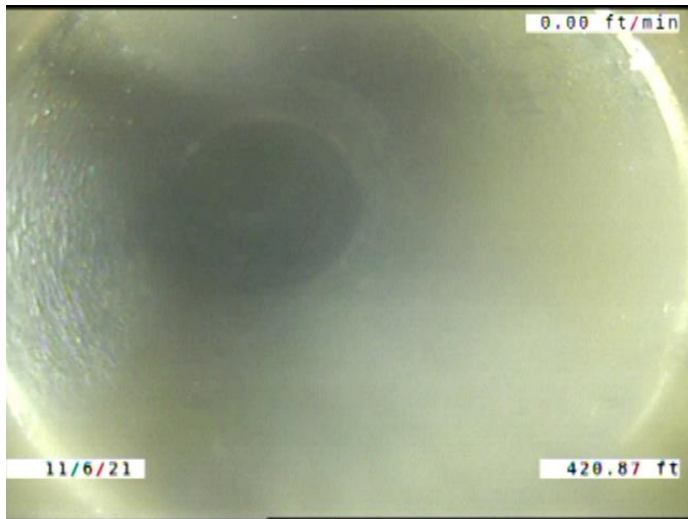
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **416.7**
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:



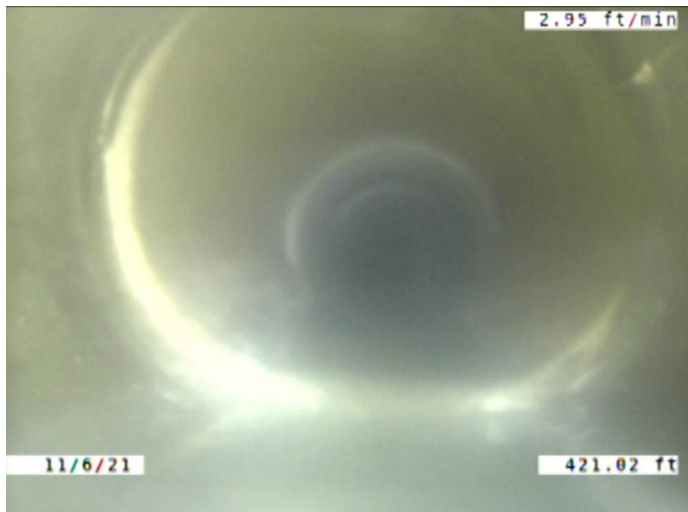
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **420.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



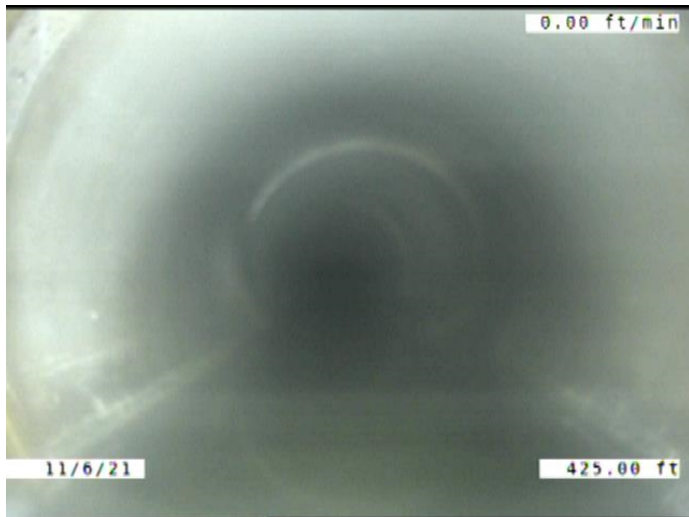
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **420.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value: **3.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **BROKEN. CONSTANTLY DRIPPING WATER.**



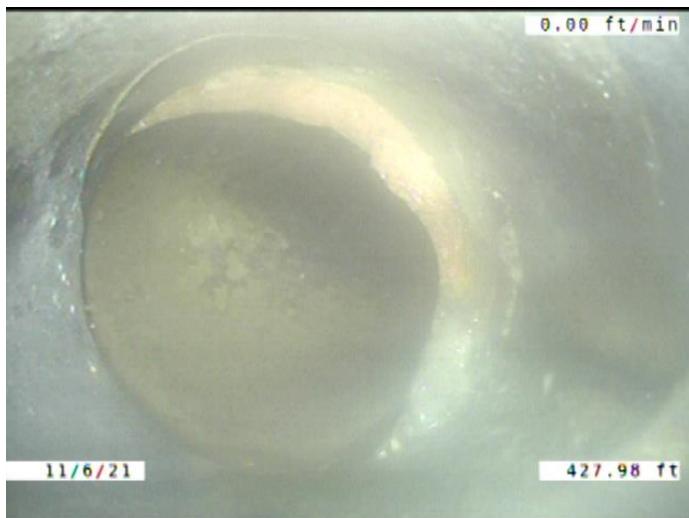
Code: **B**
 Description: **Broken**

Distance (ft): **421.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



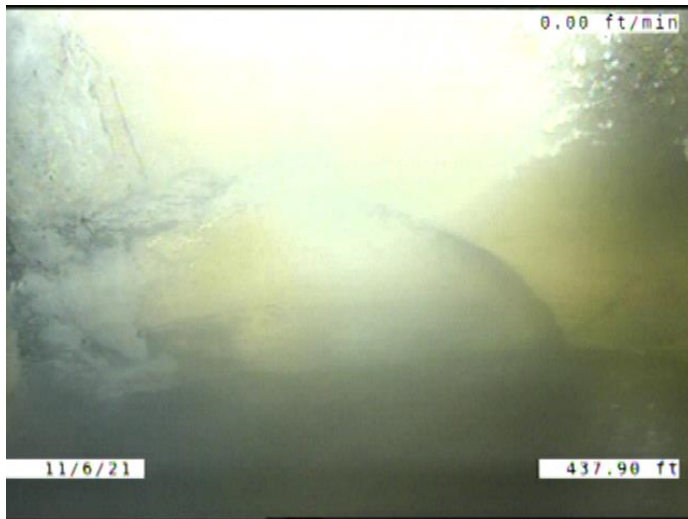
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **425.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S16**
 Within 8" of Joint: **NO**
 Remarks:



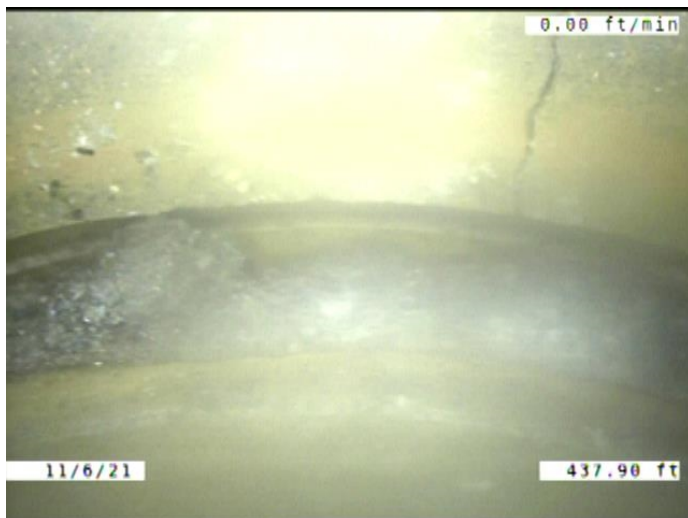
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **428.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER. BROKEN. OFFSET**



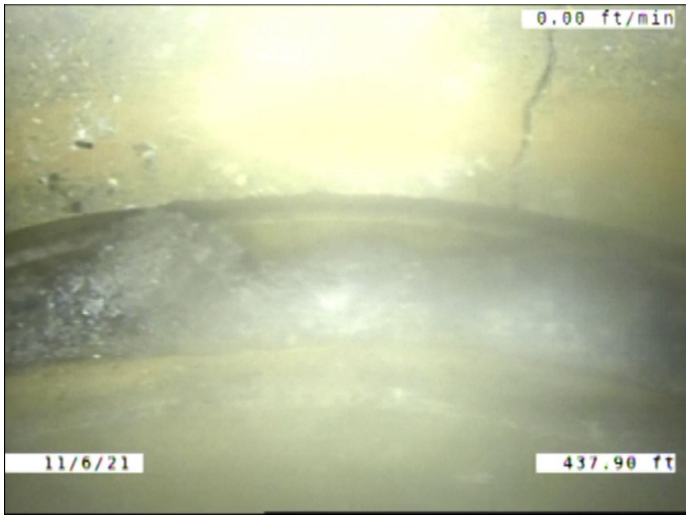
Code: **B**
Description: **Broken**

Distance (ft): **437.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



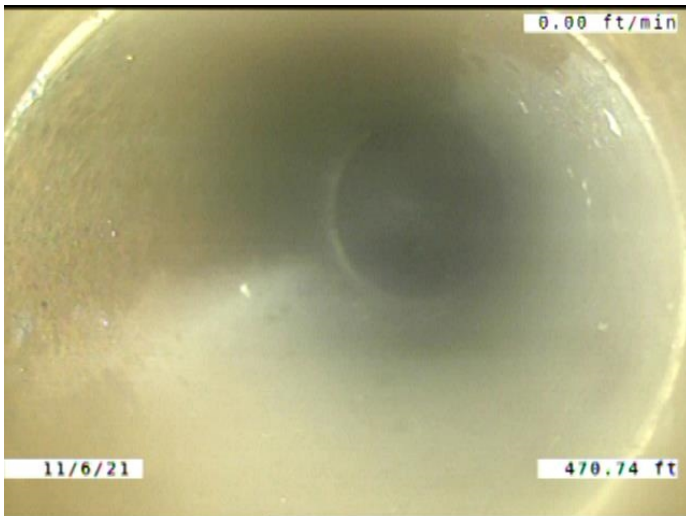
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **437.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **437.9**
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:



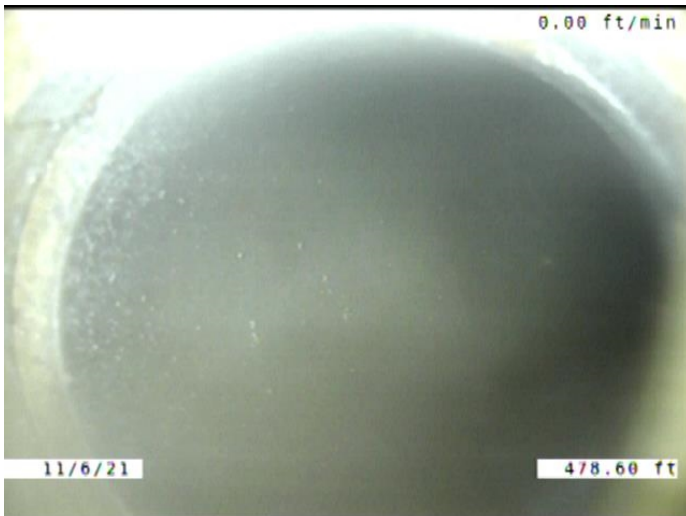
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **470.7**
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:



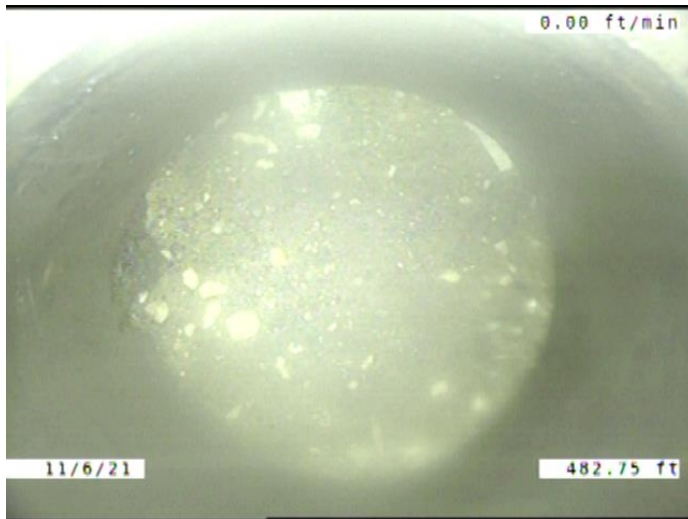
Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **478.3**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



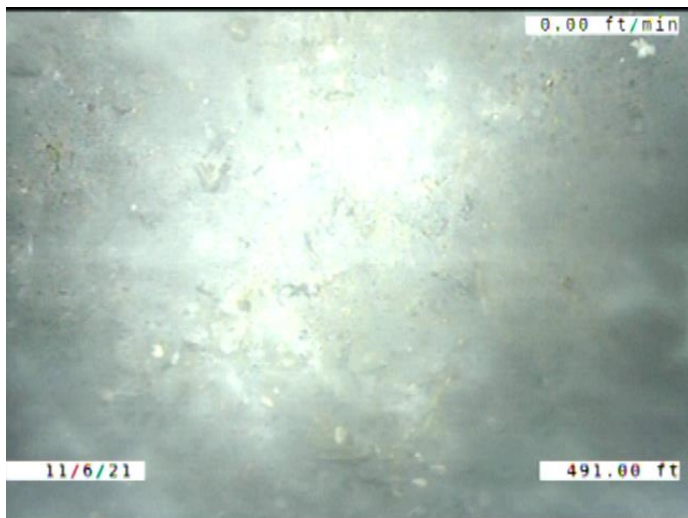
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **478.6**
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:



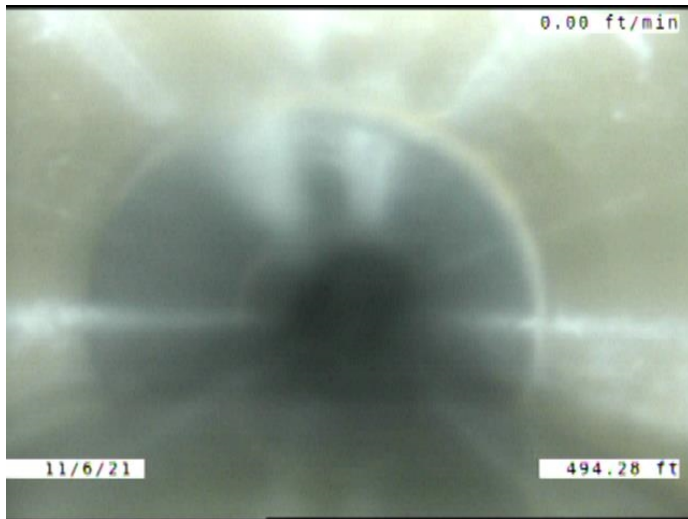
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **482.7**
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:



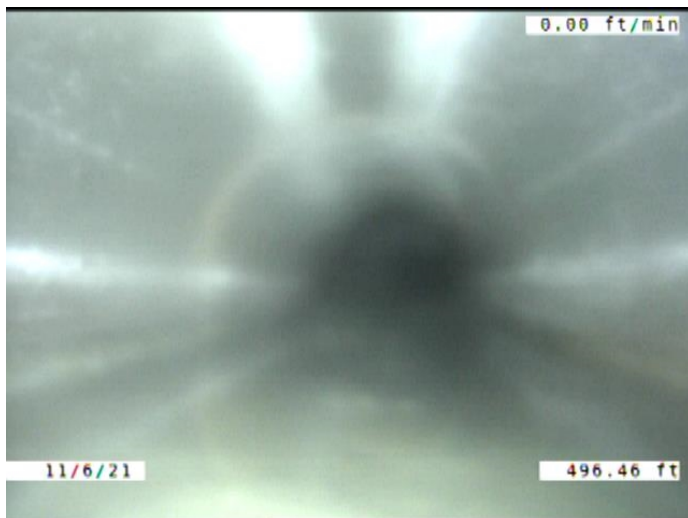
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **491.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 492**



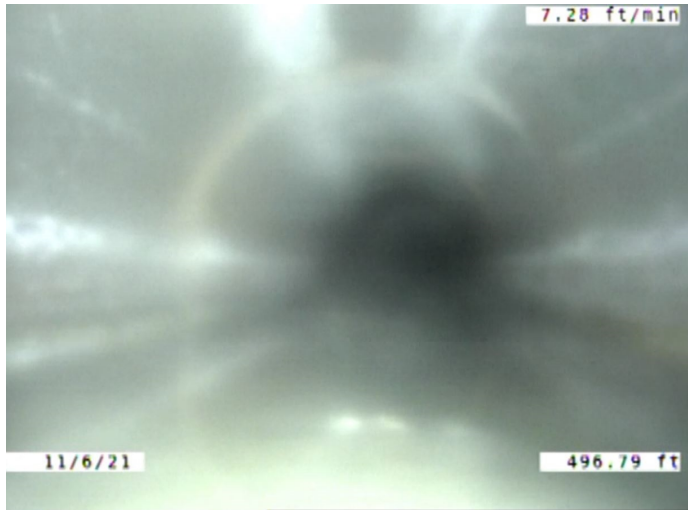
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **494.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F16**
Within 8" of Joint: **NO**
Remarks:



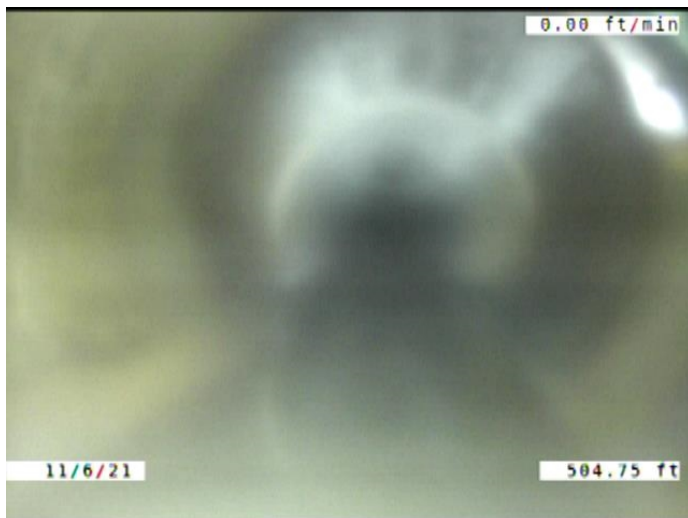
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **496.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S17**
Within 8" of Joint: **NO**
Remarks:



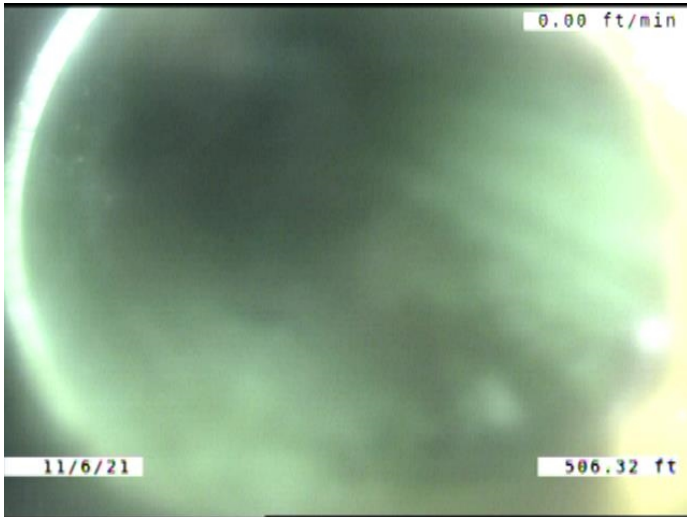
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **496.8**
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: **Camera blurry**



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

Distance (ft): **504.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F17**
Within 8" of Joint: **NO**
Remarks:



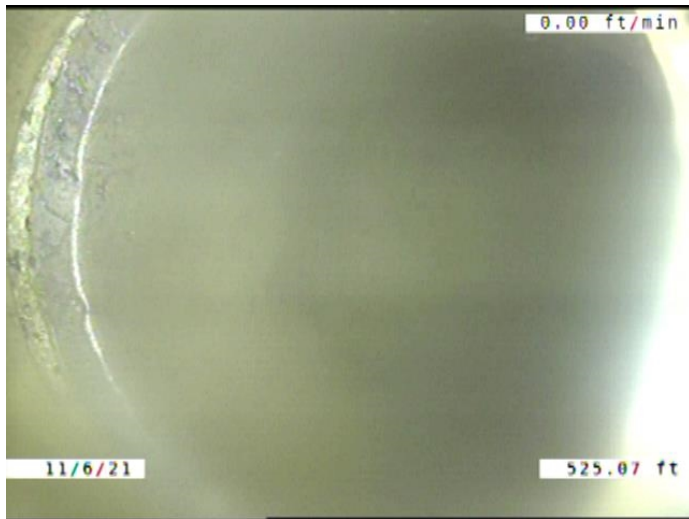
Code: **TB**
Description: **Tap Break-in/Hammer**

Distance (ft): **506.3**
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:



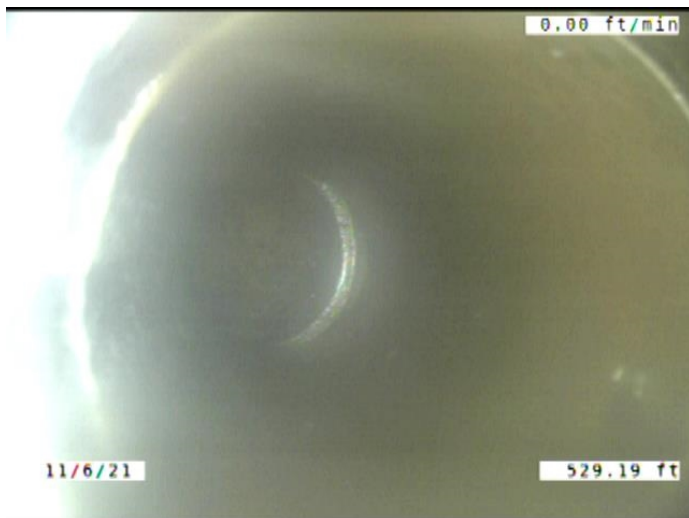
Code: **B**
Description: **Broken**

Distance (ft): **523.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **5**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



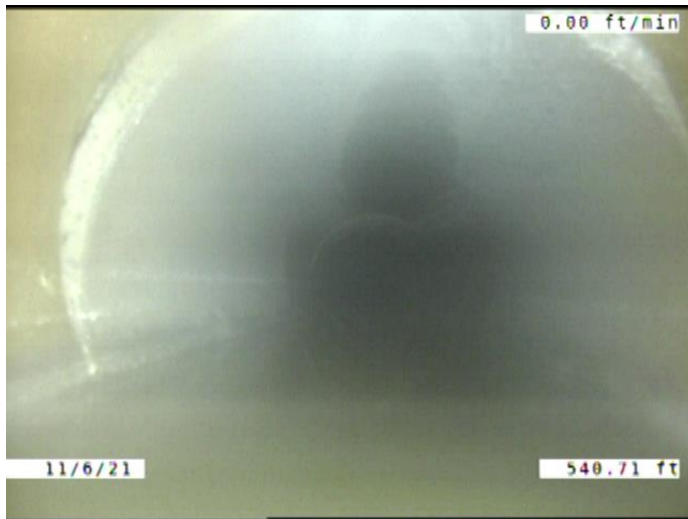
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **525.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value: **2.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



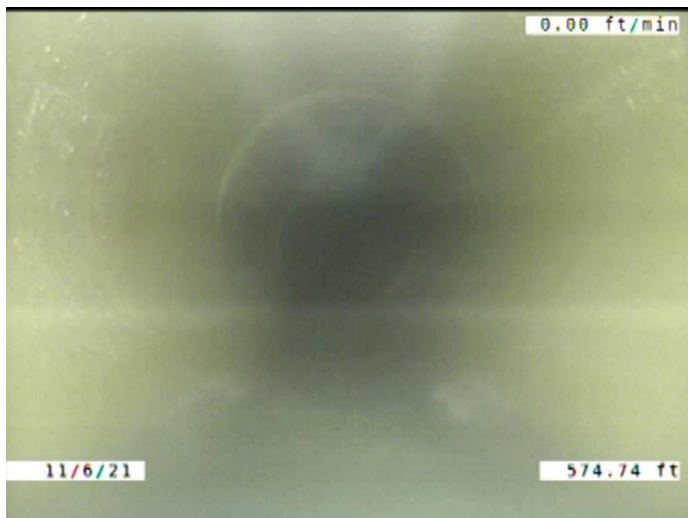
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **529.2**
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: **CONSTANTLY RUNNING WATER.**



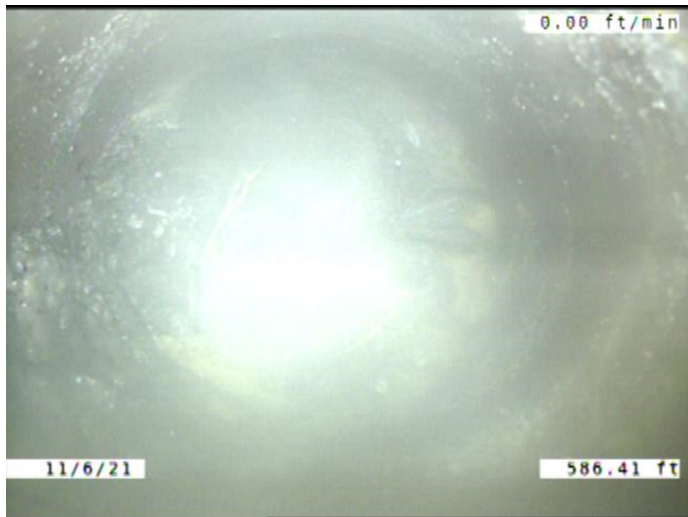
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **540.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S18**
Within 8" of Joint: **NO**
Remarks:

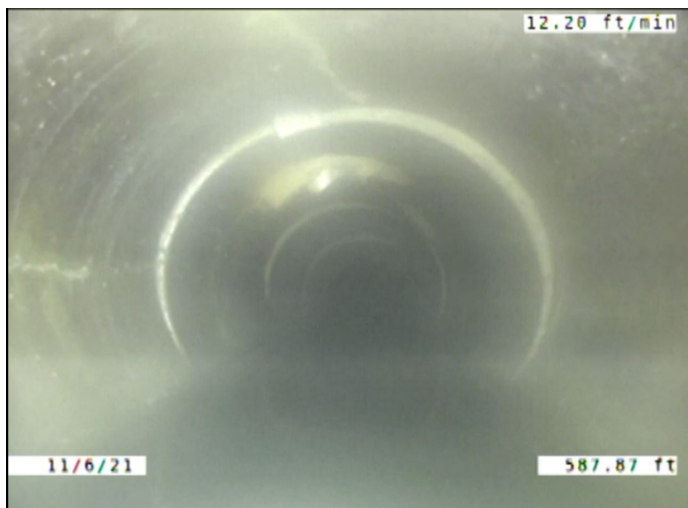


Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

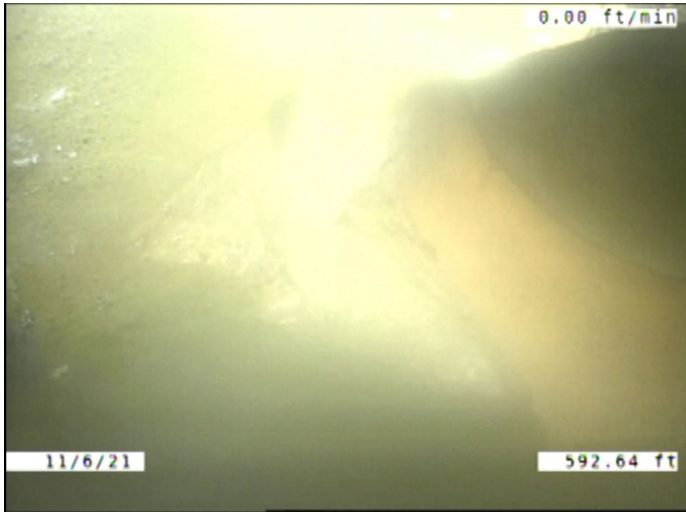
Distance (ft): **574.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F18**
Within 8" of Joint: **NO**
Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	586.4
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:	ROOT AND SOIL VISIBLE. CAP BROKEN OR MISSING

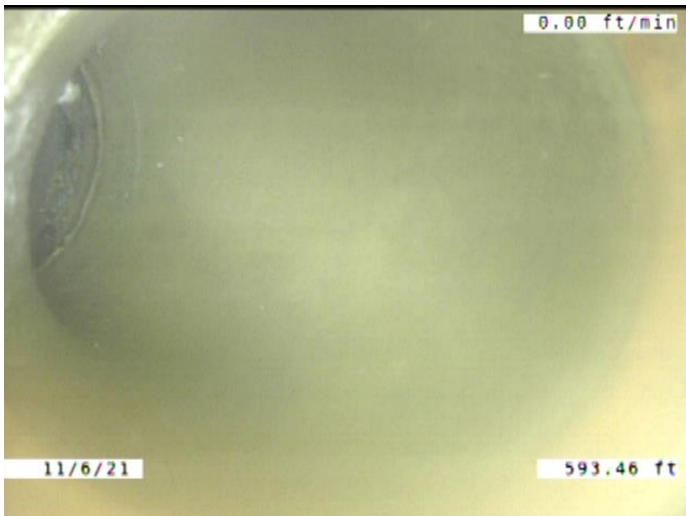


Code:	DR
Description:	Deformed Rigid
Distance (ft):	587.9
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



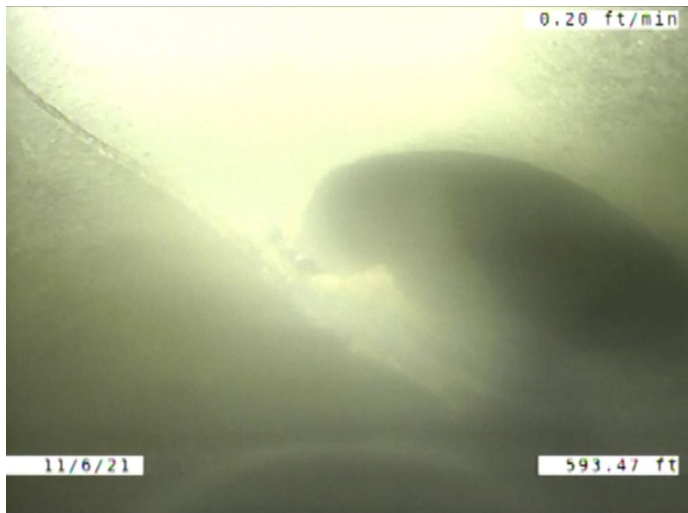
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **592.6**
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:



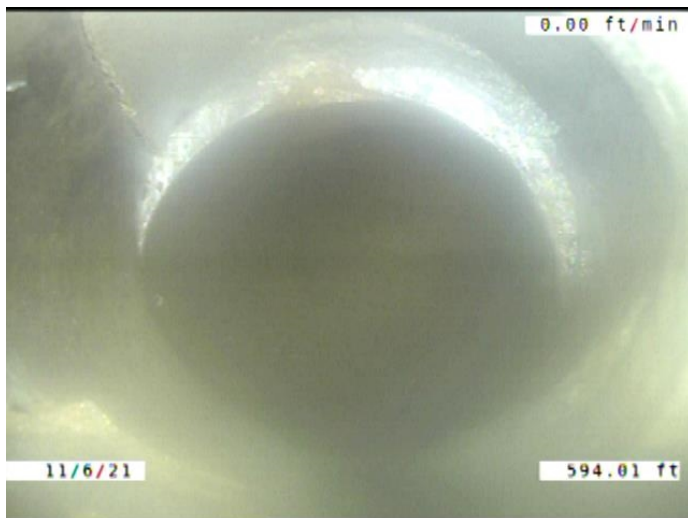
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **593.5**
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 DRIPPING WATER.**



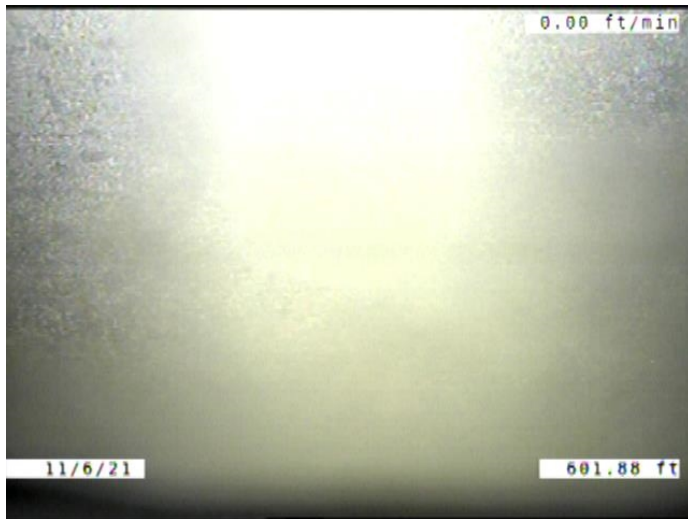
Code: **FS**
 Description: **Fracture Spiral**

Distance (ft): **593.5**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



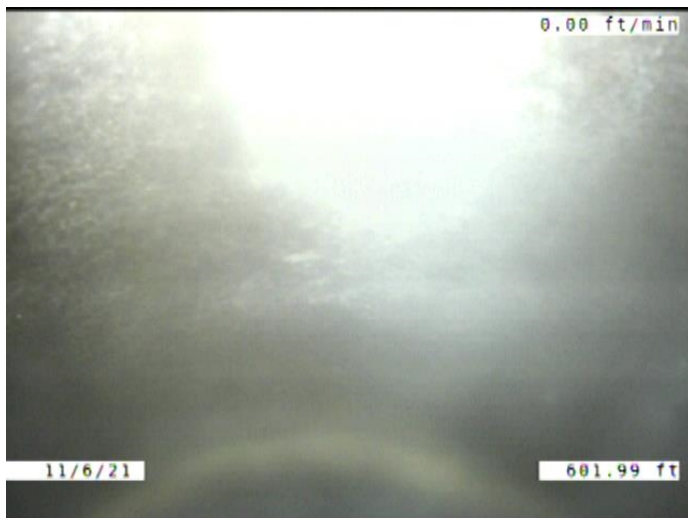
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **594.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **2**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **BROKEN. LARGE OFFSET. SOIL VISIBLE**



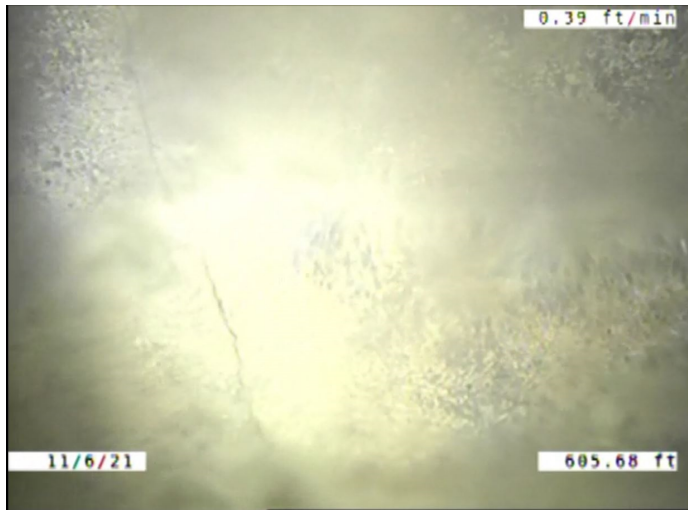
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **601.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **30.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



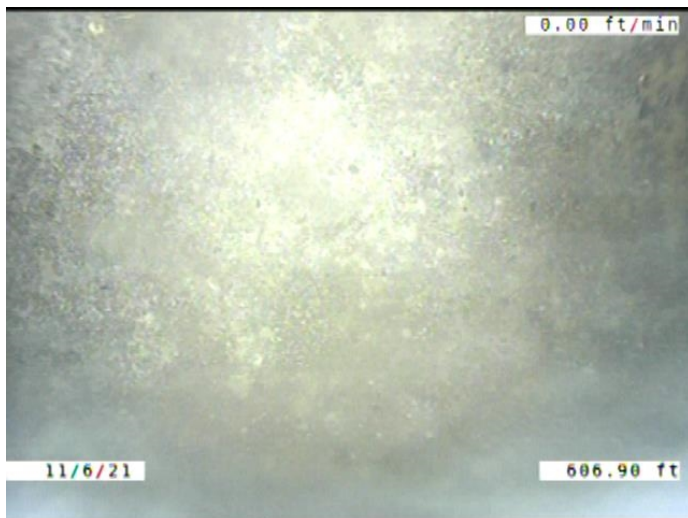
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **602.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



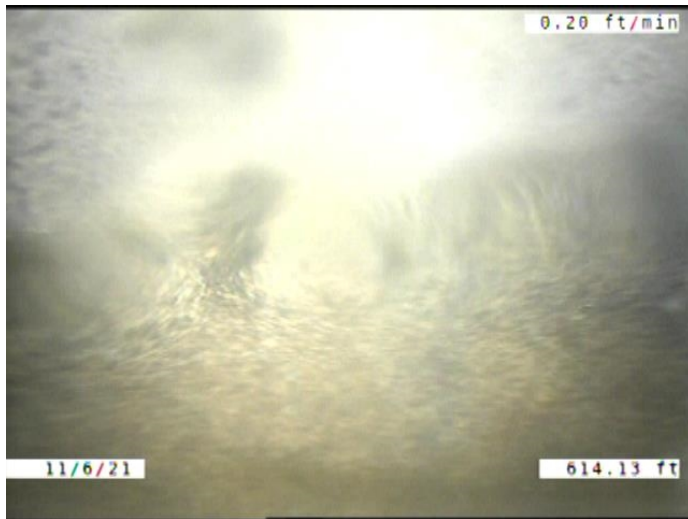
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **605.7**
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: **MCU**
Description: **Miscellaneous Camera Underwater**

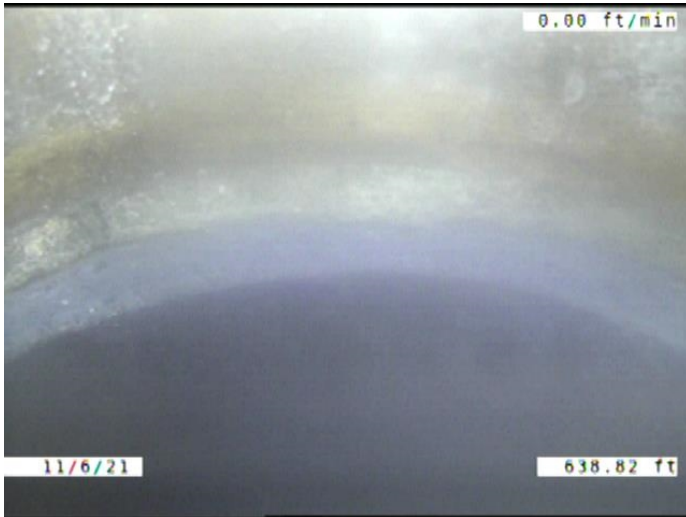
Distance (ft): **606.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 608.7**



Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	614.1
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	Out at 616.3

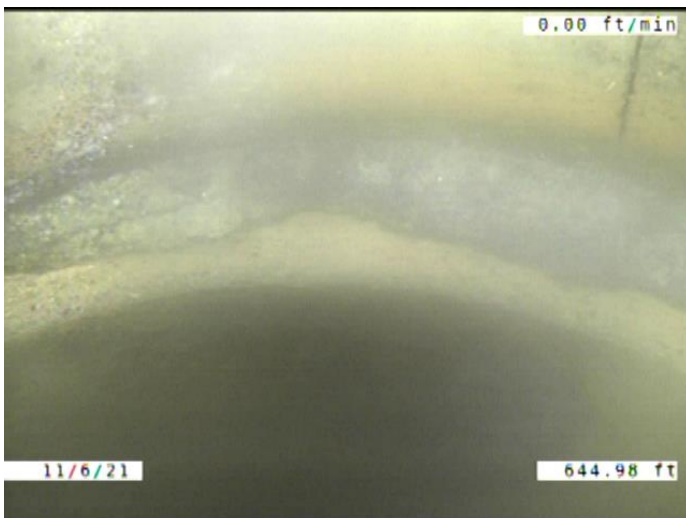


Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	619.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



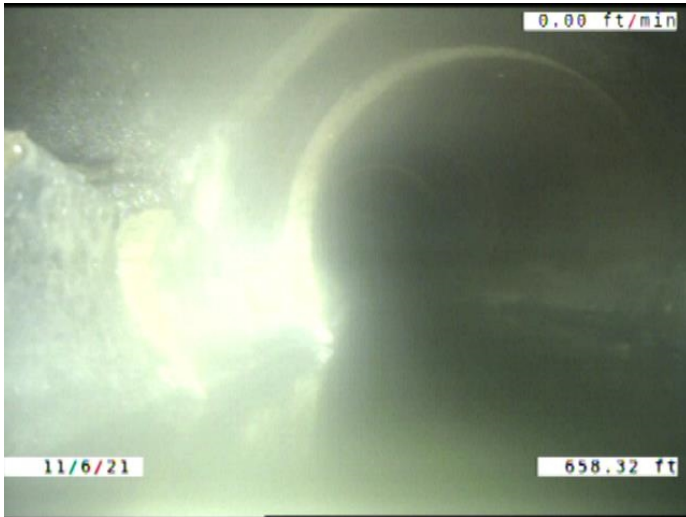
Code: **JOLD**
Description: **Joint Offset Large Defective**

Distance (ft): **638.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



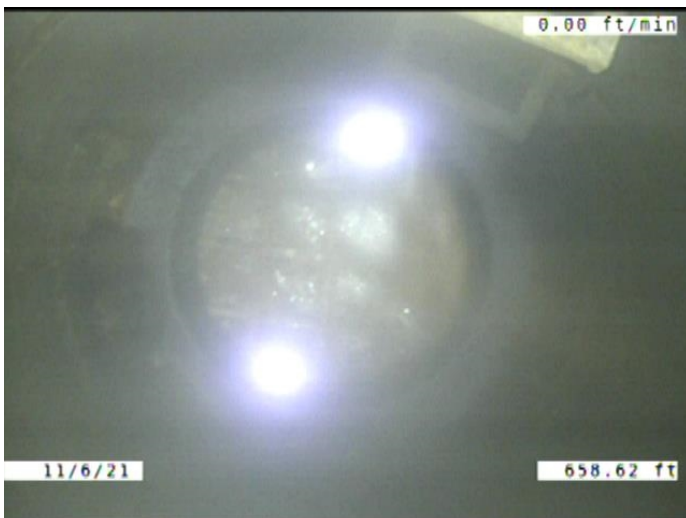
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **645.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **658.3**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F10**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **658.6**
 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-404-006**