


Profile/Photo Observation Report



Date:	10/23/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	351.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-804-020-015
Customer:	City of Hobart	Clean Date:	09/15/2021	Shape:	C

Street:	North Illinois Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-804-020	DS MH:	M-804-015
		Total Length Surveyed (ft):	237.3

O&M Index:	2.46	O&M Quick:	433B	O&M Rating:	96.00
Structural Index:	2.72	Structural Quick:	5242	Structural Rating:	136.00
Overall Index:	2.61	Overall Quick:	5245	Overall Rating:	232.00

Position	Code	Observation	Video (sec)	Grade
				
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	74	NA
5.4	CM	Crack Multiple	146	S 3
7.8	CL	Crack Longitudinal	180	S 2
14.6	CL	Crack Longitudinal	244	S 2
18.2	MWLS(S01)	Miscellaneous Water Level Sag	274	S 3
25.7	TFD	Tap Factory Defective	330	M 3
28.1	CM	Crack Multiple	388	S 3
36.8	CL	Crack Longitudinal	572	S 2
39.1	MCU	Miscellaneous Camera Underwater	641	M 4
42.3	JOM	Joint Offset Medium	730	S 3
43.3	MCU	Miscellaneous Camera Underwater	761	M 4
56.2	MWLS(F01)	Miscellaneous Water Level Sag	972	S 3
58.5	DAE	Deposits Attached Encrustation	1014	M 2
64.7	CM	Crack Multiple	1086	S 3
67.2	HSV	Hole Soil Visible	1129	S 5
67.7	TFC	Tap Factory Capped	1150	NA
69.8	TFC	Tap Factory Capped	1182	NA
70.8	CL	Crack Longitudinal	1212	S 2

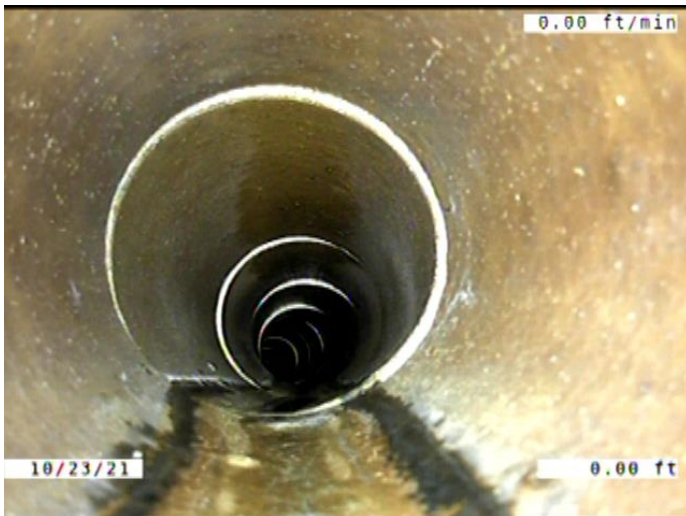
76.0	SSS	Surface Damage Surface Spalling	1268	S 2
81.6	CM	Crack Multiple	1331	S 3
86.9	CL	Crack Longitudinal	1375	S 2
99.5	HSV	Hole Soil Visible	1449	S 5
99.8	SSS	Surface Damage Surface Spalling	1474	S 2
104.8	B	Broken	1552	S 4
108.1	TF	Tap Factory	1581	NA
110.2	TF	Tap Factory	1605	NA
126.9	MWLS	Miscellaneous Water Level Sag	1677	S 2
133.2	JOM	Joint Offset Medium	1717	S 3
133.4	SZ	Surface Damage Other	1736	NA
137.4	RFJ(S02)	Roots Fine Joint	1797	M 1
148.5	TF	Tap Factory	1892	NA
150.7	TFD	Tap Factory Defective	1923	M 3
154.1	CM(S07)	Crack Multiple	1976	S 3
154.1	DAE	Deposits Attached Encrustation	1988	M 2
156.8	B	Broken	2015	S 4
161.1	RBJ	Roots Ball Joint	2059	M 4
165.4	RMJ(S03)	Roots Medium Joint	2139	M 3
165.4	RFJ(F02)	Roots Fine Joint	2150	M 1
167.9	DAGS(S05)	Deposits Attached Grease	2211	M 2
177.3	MWLS(S04)	Miscellaneous Water Level Sag	2313	S 2
188.9	TFD	Tap Factory Defective	2394	M 3
190.8	TFD	Tap Factory Defective	2421	M 3
199.2	MWLS	Miscellaneous Water Level Sag	2476	S 2
201.5	MWLS(F04)	Miscellaneous Water Level Sag	2499	S 2
201.5	DAGS(F05)	Deposits Attached Grease	2513	M 2
208.5	CM(F07)	Crack Multiple	2545	S 3
209.6	MWLS(S06)	Miscellaneous Water Level Sag	2553	S 2
220.8	DSF	Deposits Settled Fine	2614	M 2
228.9	TFC	Tap Factory Capped	2673	NA
231.0	TFC	Tap Factory Capped	2700	NA
235.5	CM	Crack Multiple	2765	S 3
235.5	MWLS(F06)	Miscellaneous Water Level Sag	2777	S 2
235.6	RMJ(F03)	Roots Medium Joint	2788	M 3
236.5	SSS	Surface Damage Surface Spalling	2854	S 2
236.5	RFB	Roots Fine Barrel	2876	M 2
237.3	TBI	Tap Break-in Intruding	2919	M 2
237.3	MSA	Miscellaneous Survey Abandoned	2933	NA

M-804-020



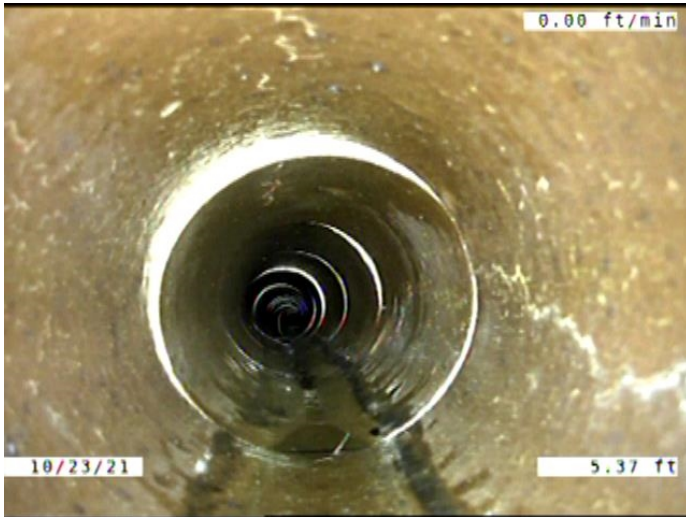
Code: **AMH**
Description: **Manhole**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-804-015**



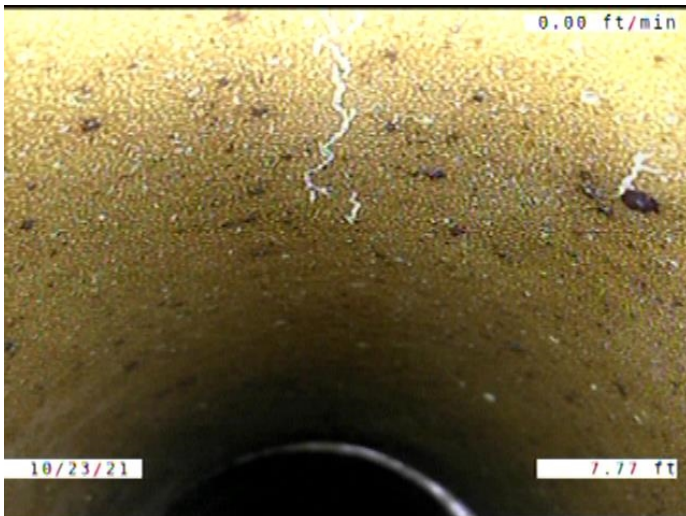
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



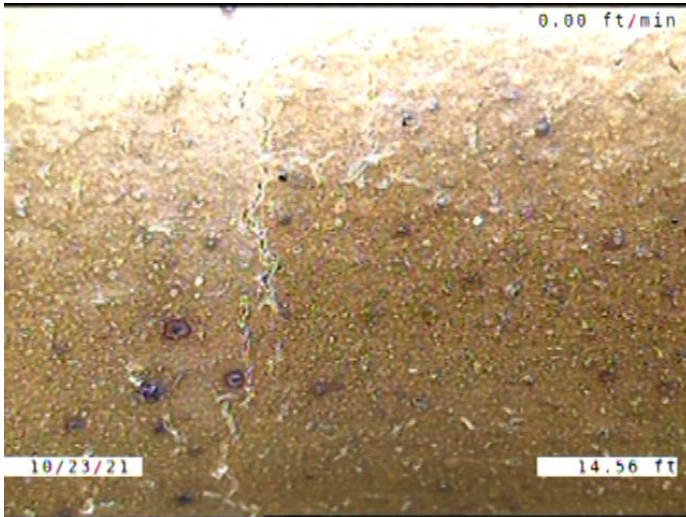
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **5.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



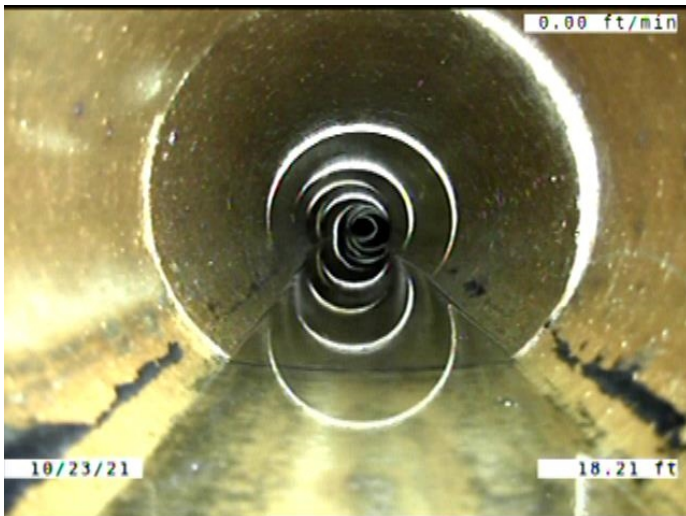
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **7.8**
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:



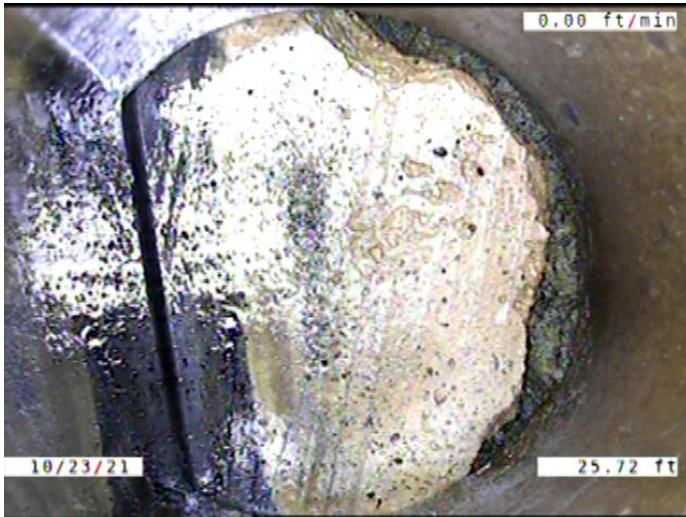
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **14.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



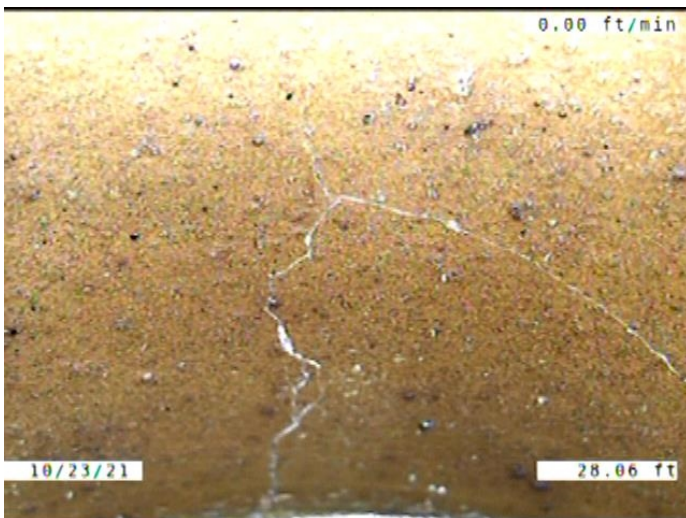
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **18.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



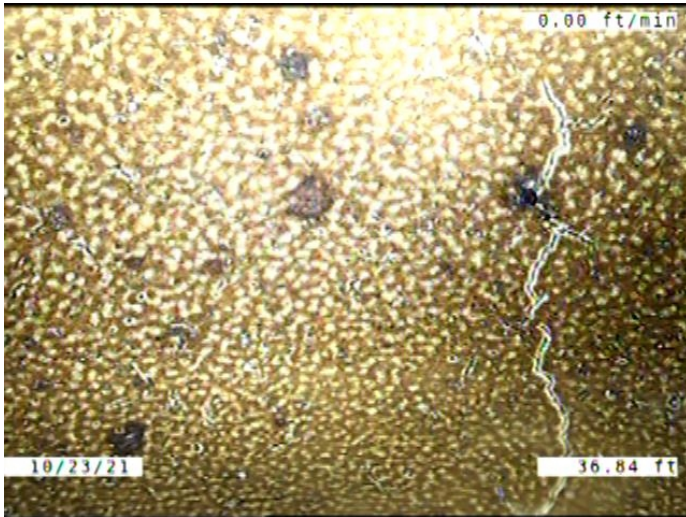
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **25.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CAP BROKEN. SOIL VISIBLE**



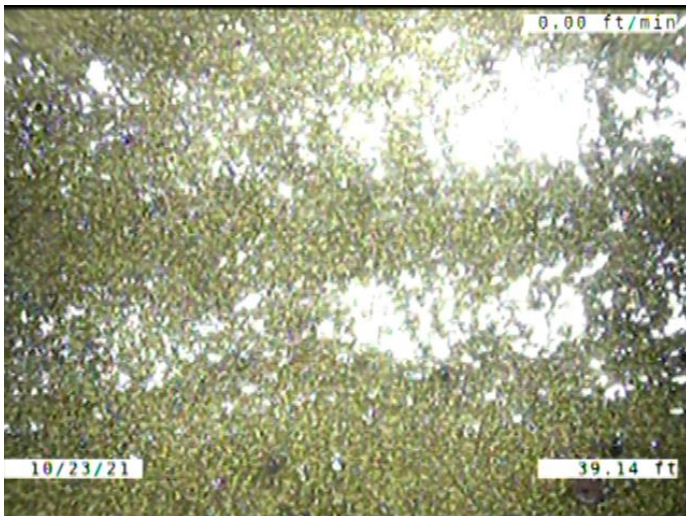
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **28.1**
Structural Grade: **3**
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:



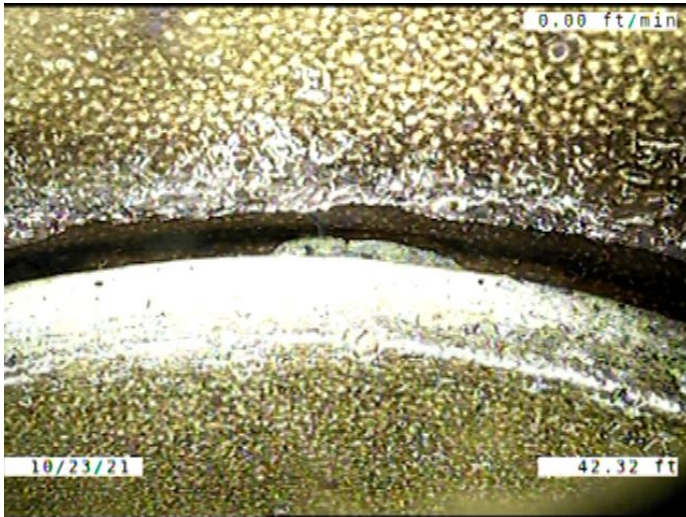
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **36.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



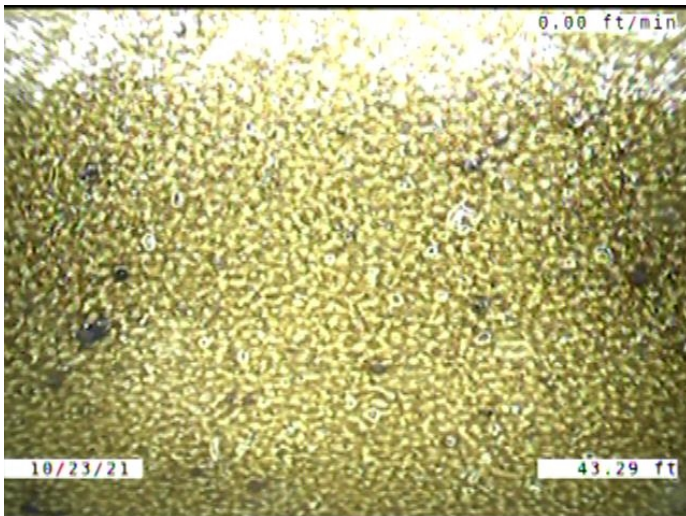
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **39.1**
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 40.5**



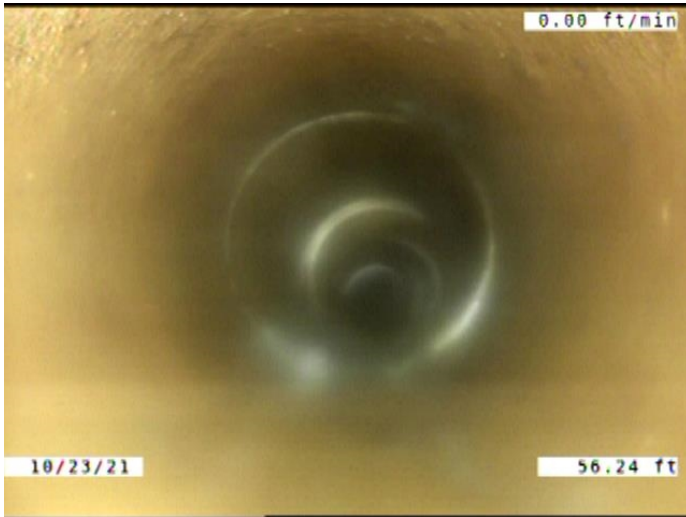
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **42.3**
 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:



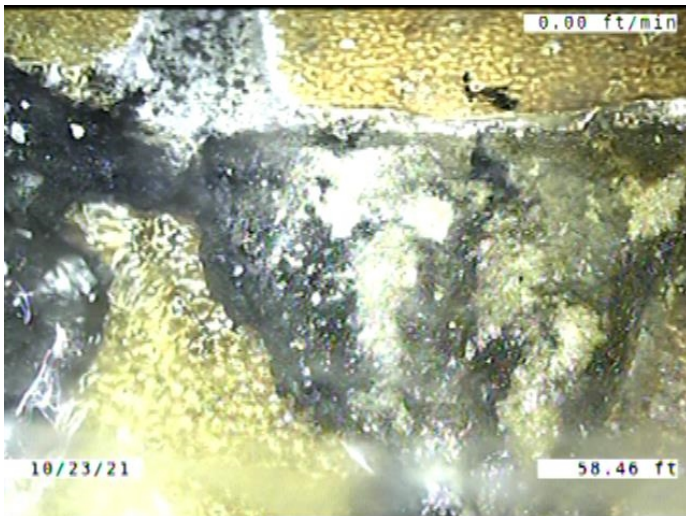
Code: **MCU**
 Description: **Miscellaneous Camera Underwater**

Distance (ft): **43.3**
 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 44.6**



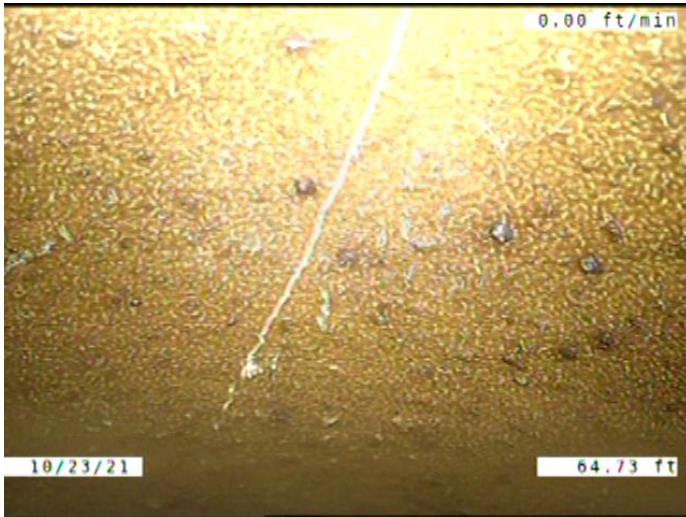
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **56.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **58.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



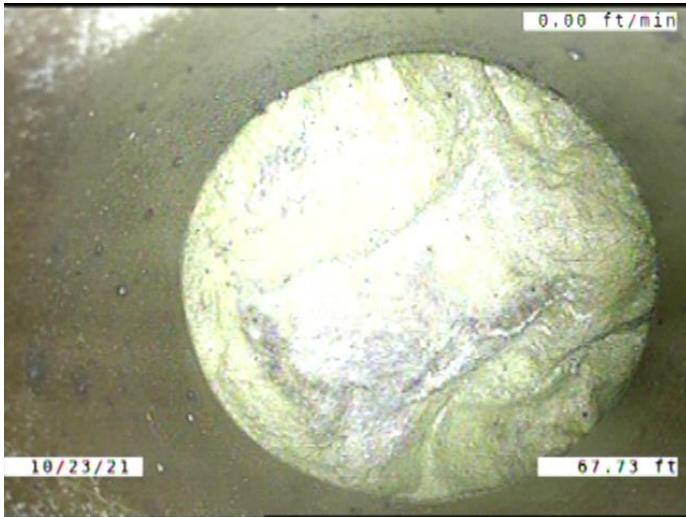
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **64.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



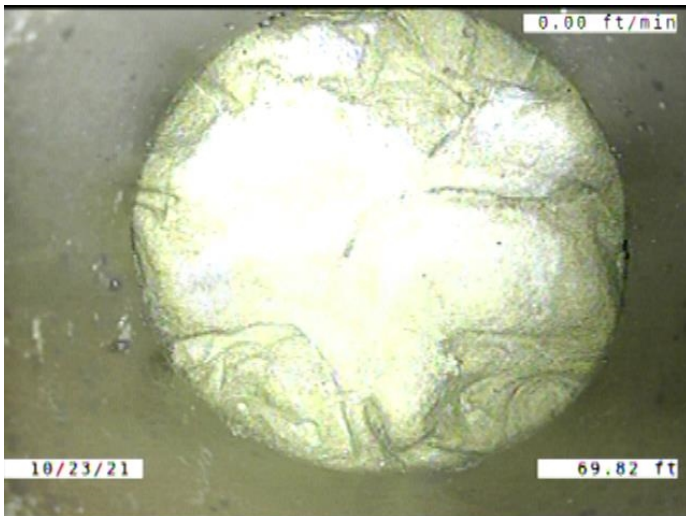
Code: **HSV**
Description: **Hole Soil Visible**

Distance (ft): **67.2**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



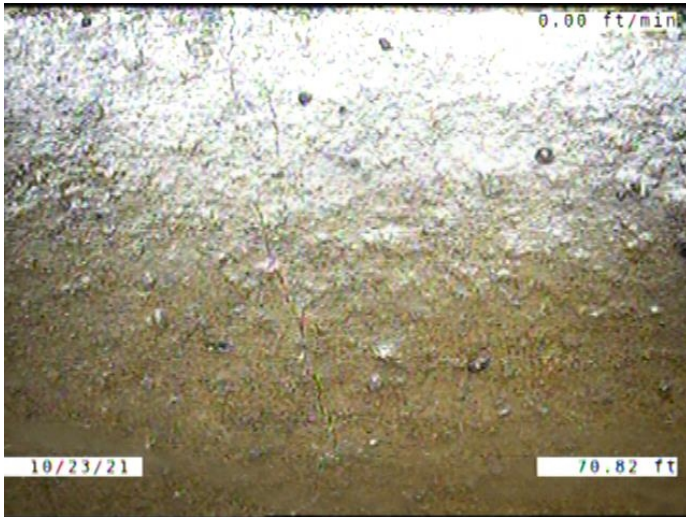
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **67.7**
 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:



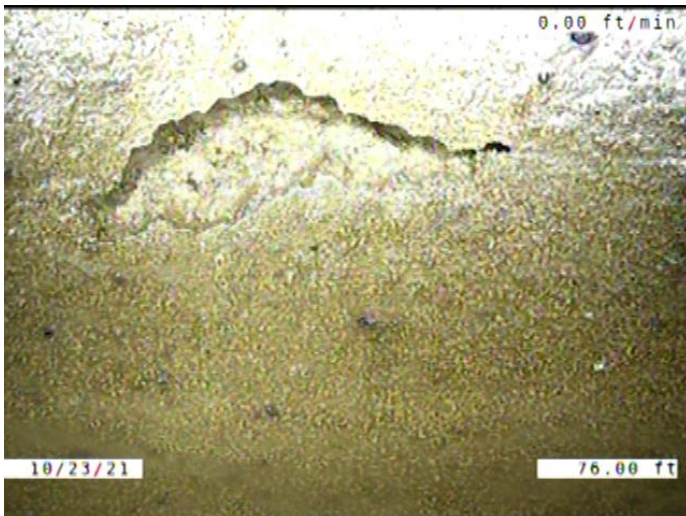
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **69.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



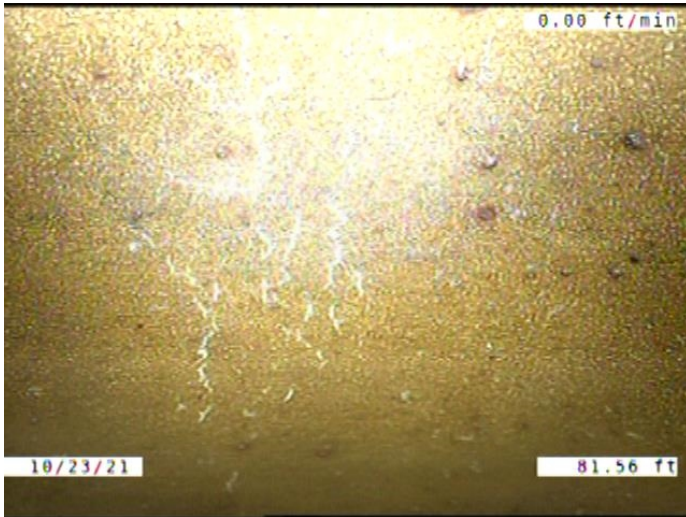
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **70.8**
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:



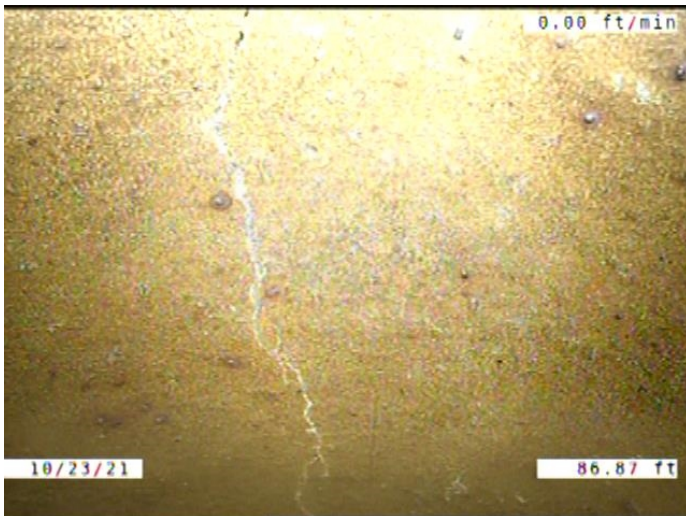
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **76.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



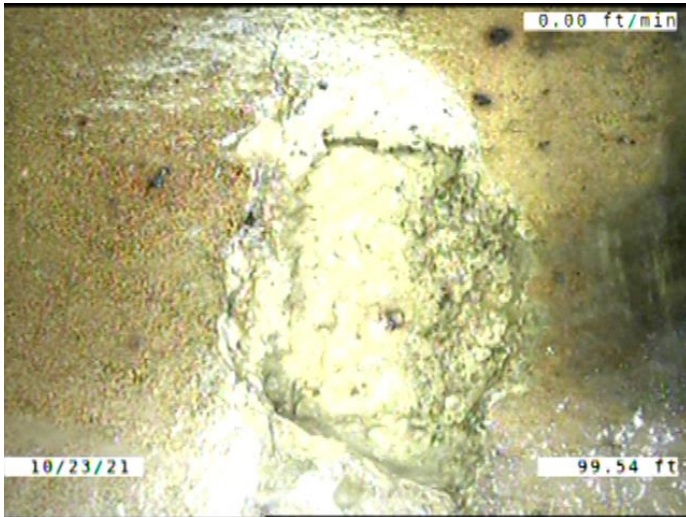
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **81.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **86.9**
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:



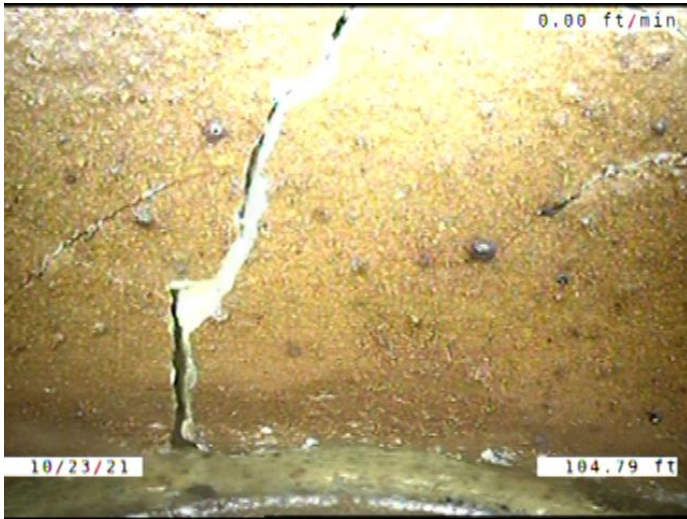
Code: **HSV**
 Description: **Hole Soil Visible**

Distance (ft): **99.5**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **7**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



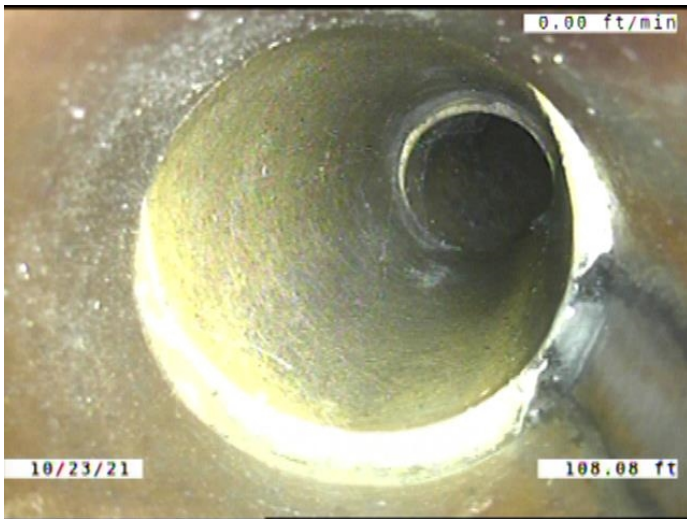
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **99.8**
 Structural Grade: **2**
 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:



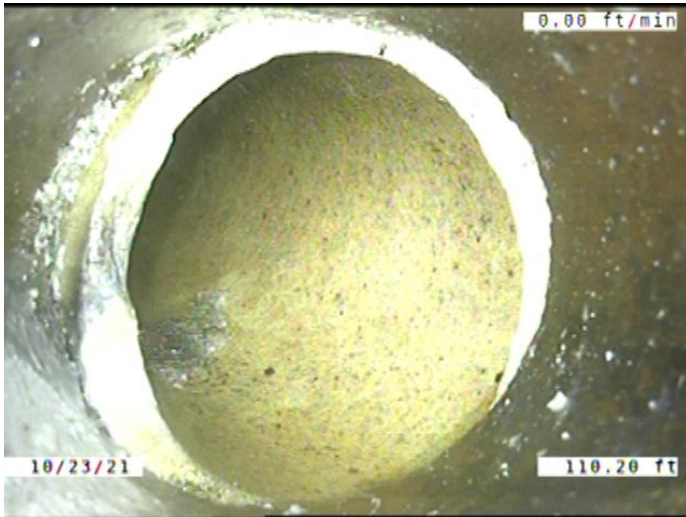
Code: **B**
Description: **Broken**

Distance (ft): **104.8**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

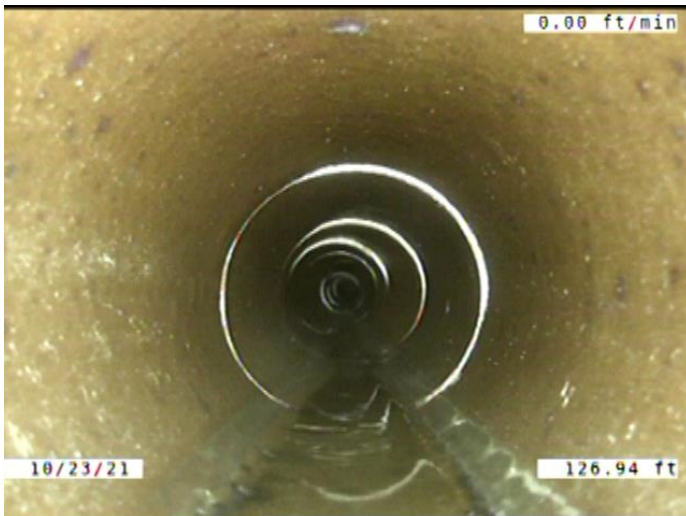


Code: **TF**
Description: **Tap Factory**

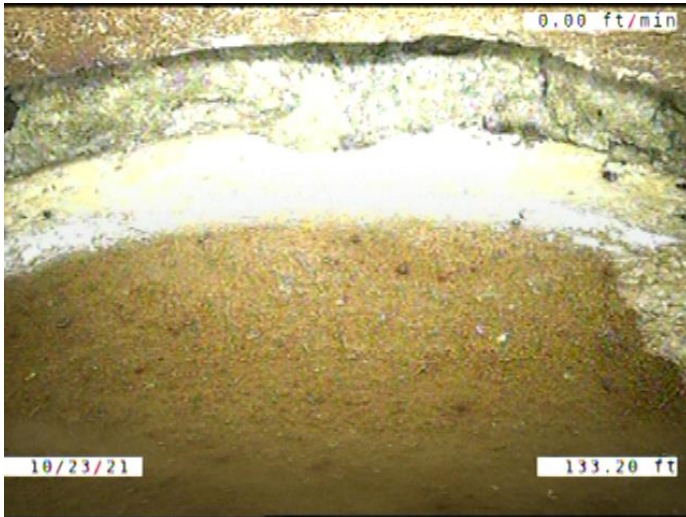
Distance (ft): **108.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	TF
Description:	Tap Factory
Distance (ft):	110.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	CONSTANTLY RUNNING WATER

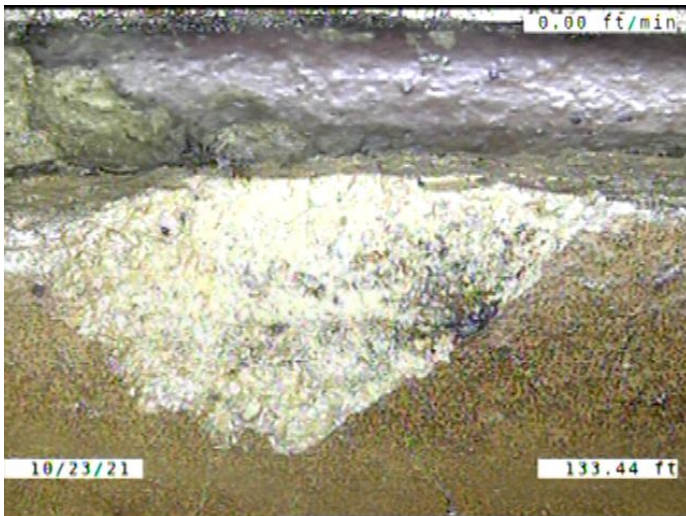


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	126.9
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



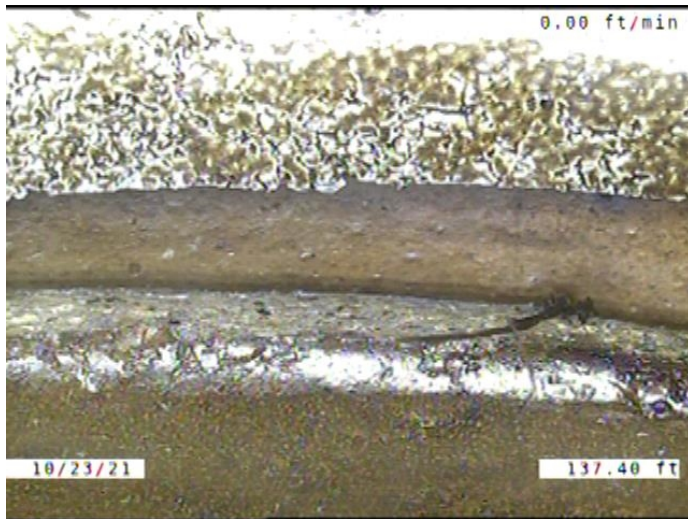
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **133.2**
 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:



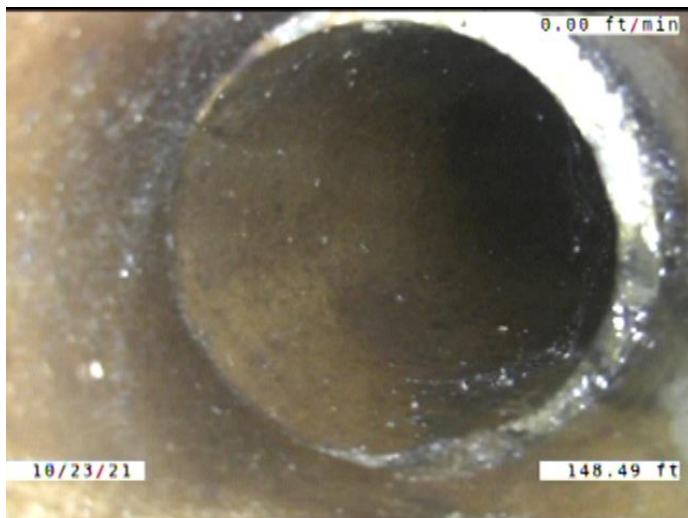
Code: **SZ**
 Description: **Surface Damage Other**

Distance (ft): **133.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



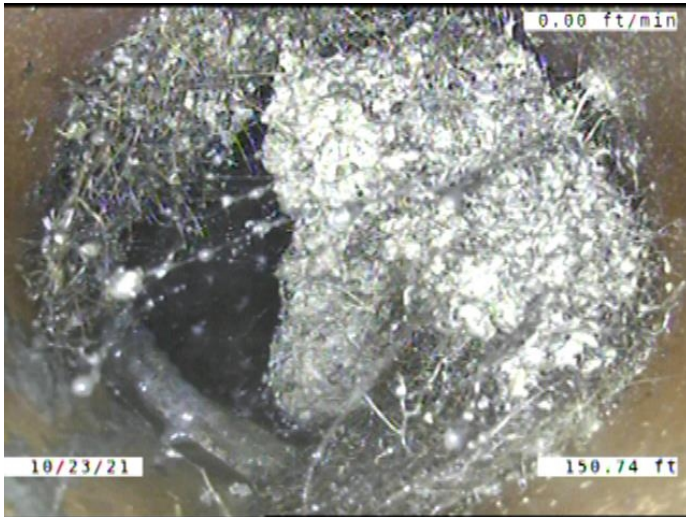
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **137.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



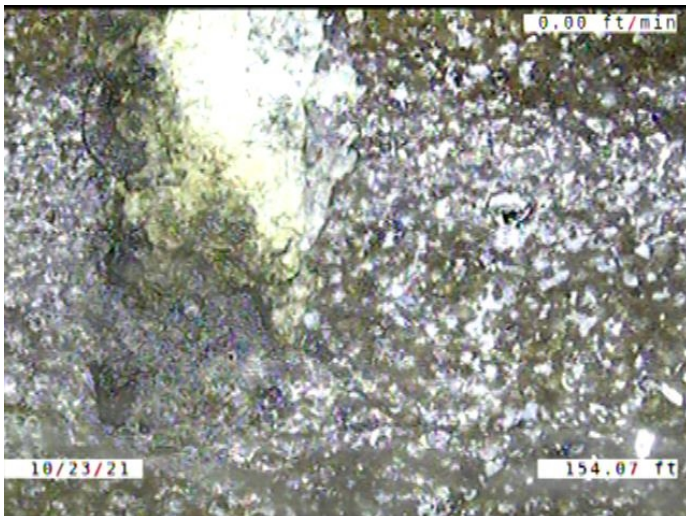
Code: **TF**
Description: **Tap Factory**

Distance (ft): **148.5**
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:



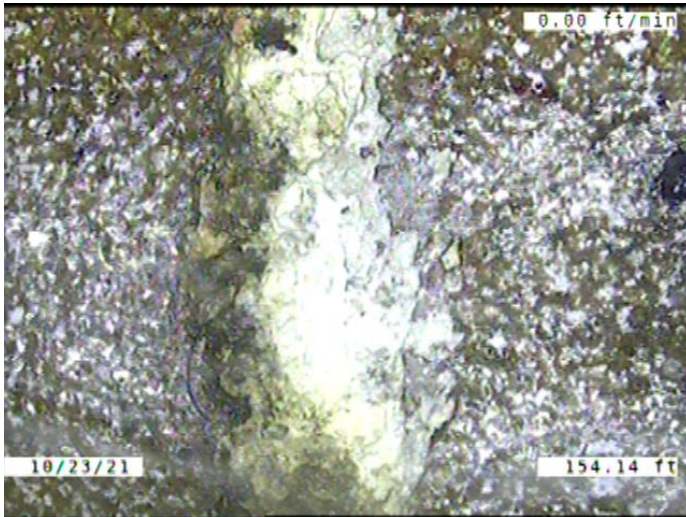
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **150.7**
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: **85% PLUGGED WITH ROOTS.
CONSTANTLY DRIPPING WATER**



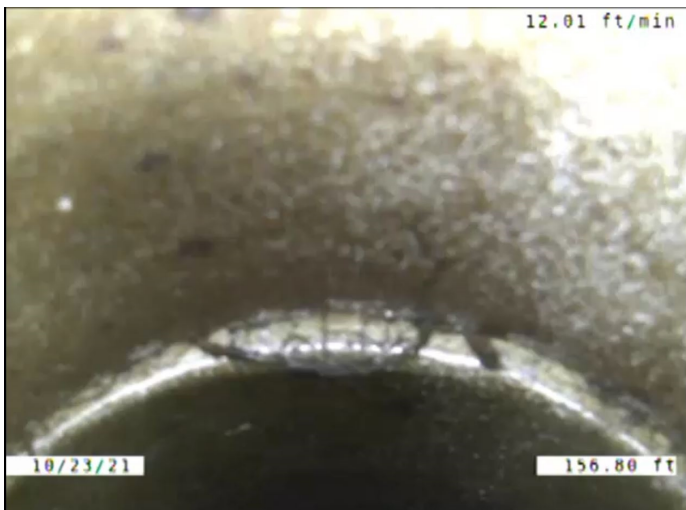
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **154.1**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S07**
Within 8" of Joint: **YES**
Remarks: **Wandering**



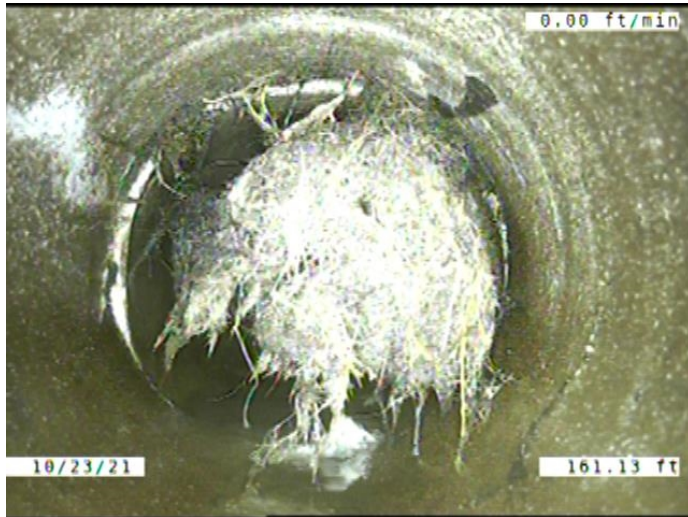
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **154.1**
 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: **NO**
 Remarks:



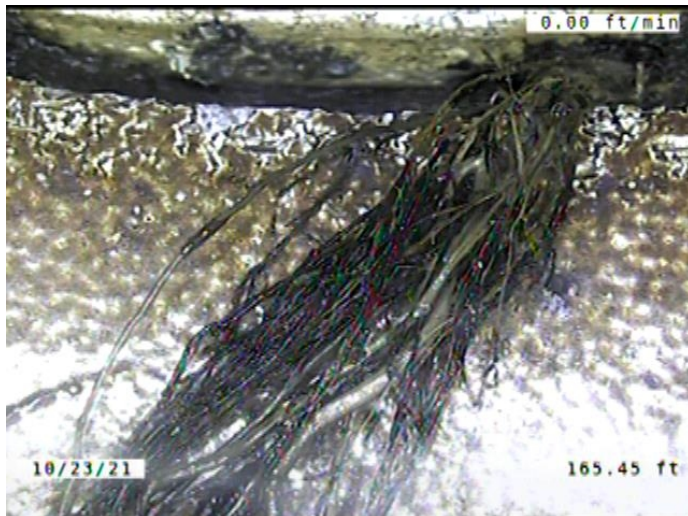
Code: **B**
 Description: **Broken**

Distance (ft): **156.8**
 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:



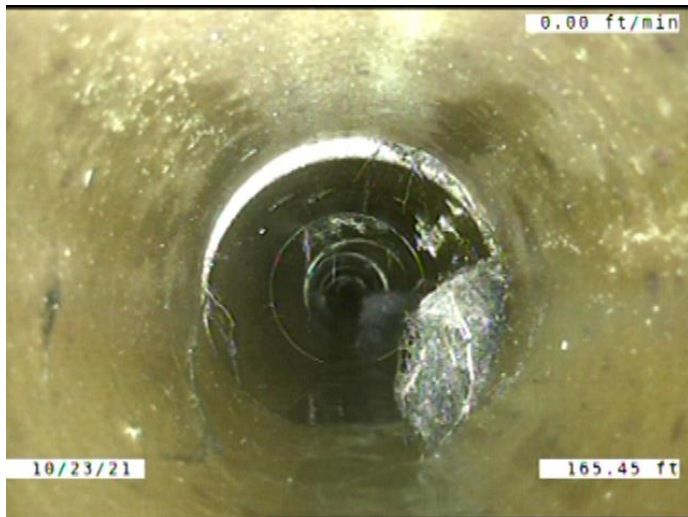
Code: **RBJ**
 Description: **Roots Ball Joint**

Distance (ft): **161.1**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **8**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **80.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



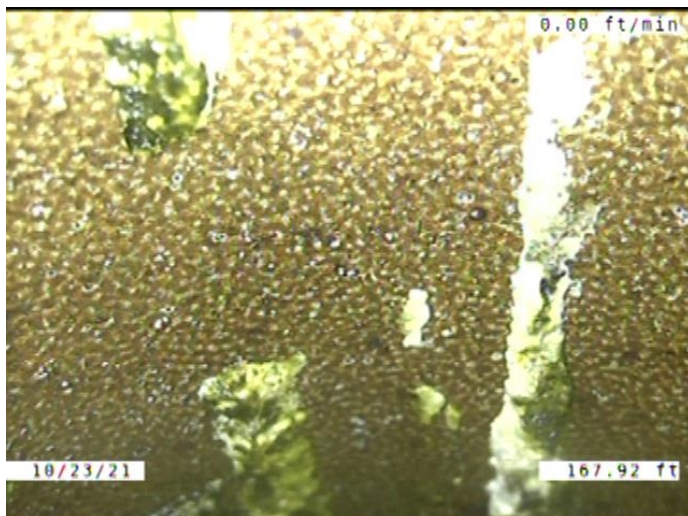
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **165.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



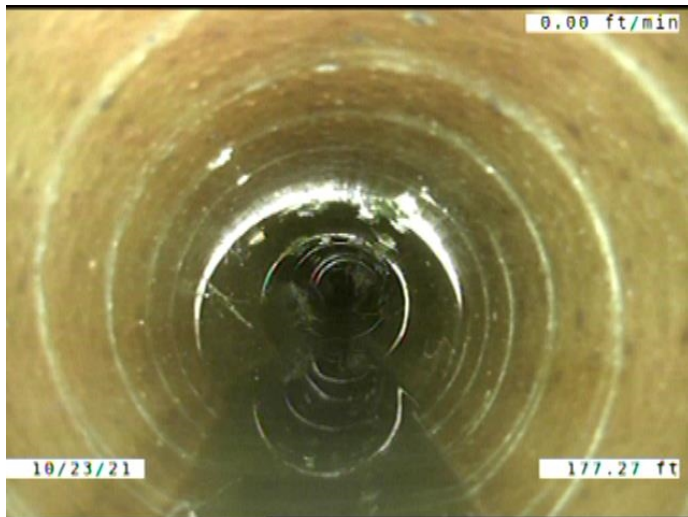
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **165.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **167.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks:



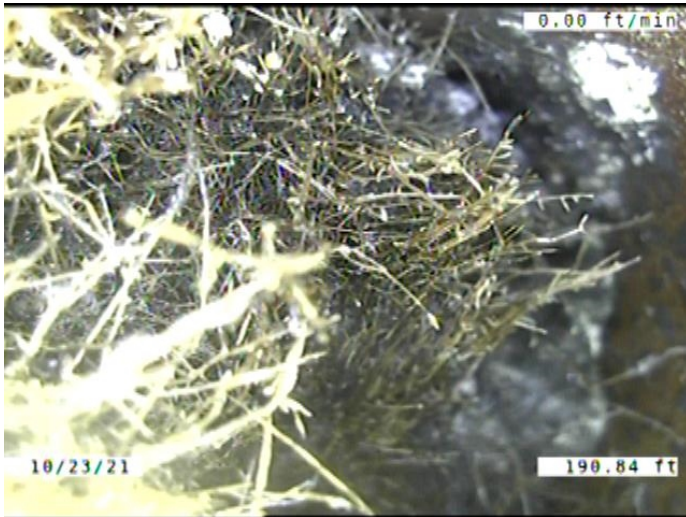
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **177.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S04**
 Within 8" of Joint: **NO**
 Remarks:



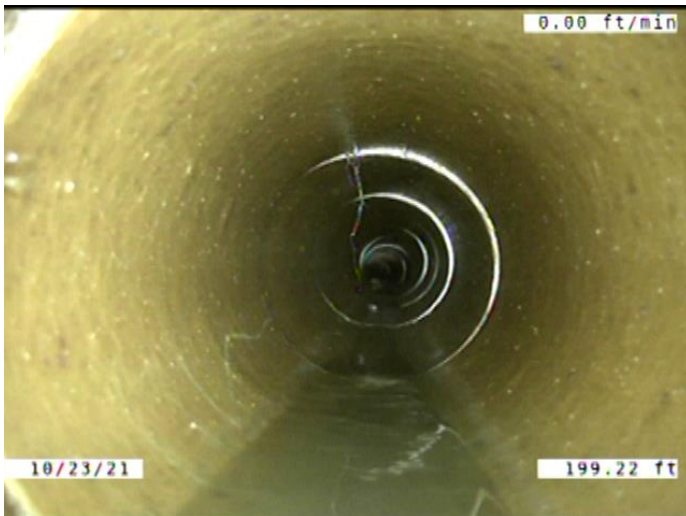
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **188.9**
 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: **100% FULL OF ROOTS**



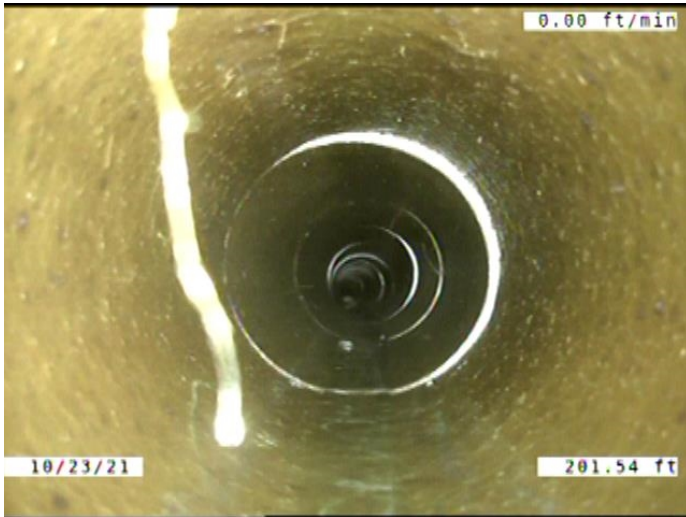
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **190.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **100% FULL OF ROOTS**



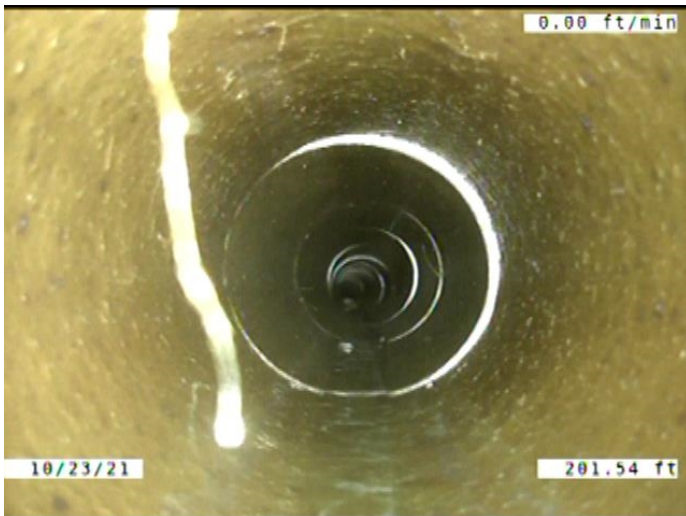
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **199.2**
 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:



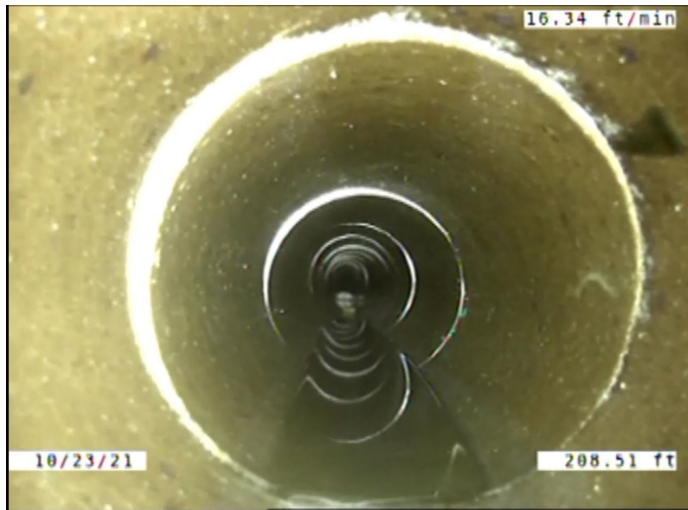
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **201.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



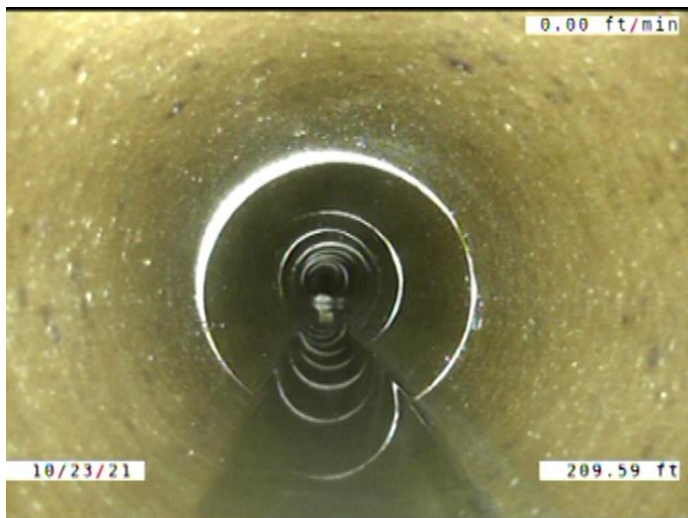
Code: **DAGS**
Description: **Deposits Attached Grease**

Distance (ft): **201.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F05**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **208.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F07**
Within 8" of Joint: **YES**
Remarks: **Wandering**



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

Distance (ft): **209.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



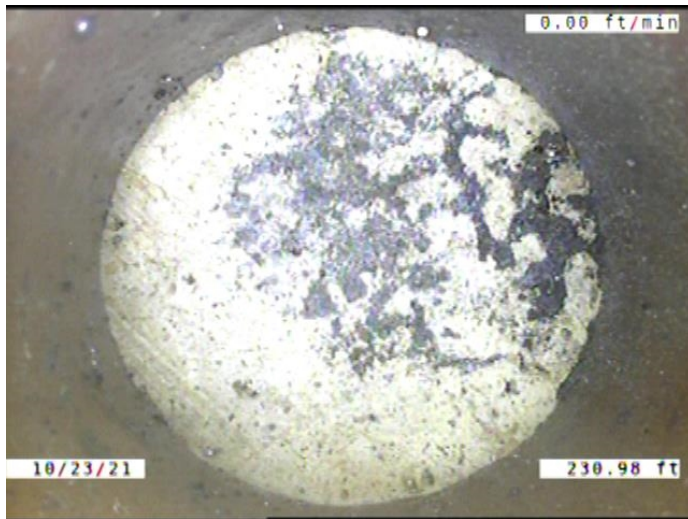
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **220.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



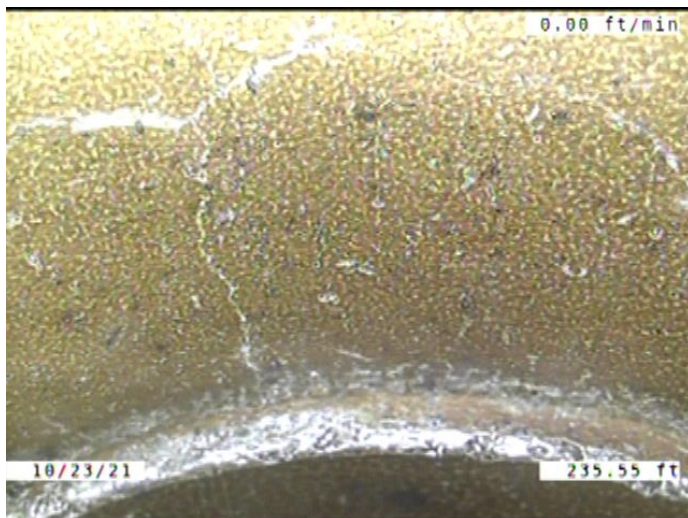
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **228.9**
 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: **CAP BROKEN**



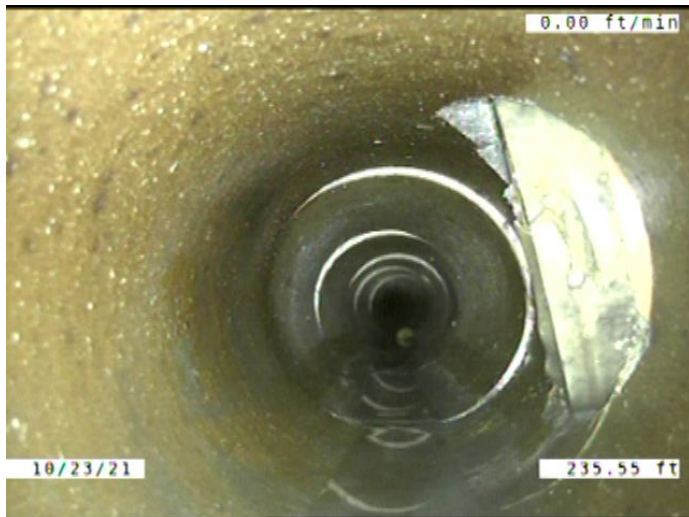
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **231.0**
 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:



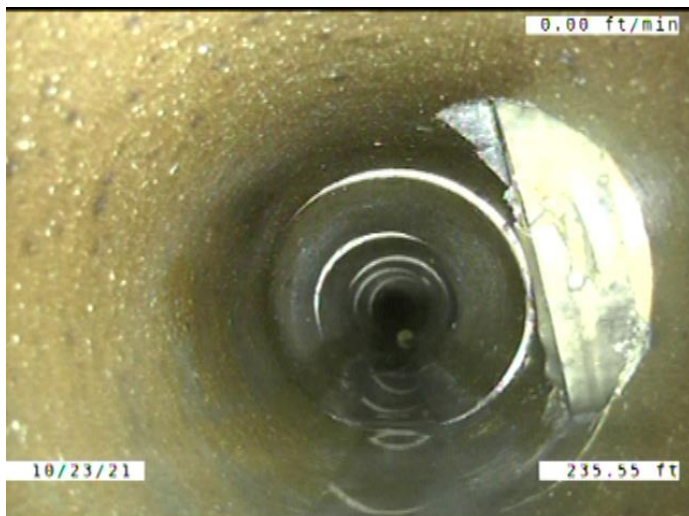
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **235.5**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



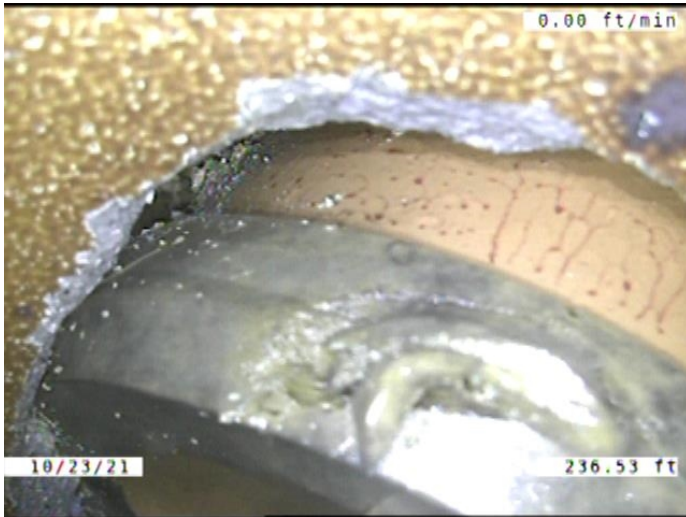
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **235.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



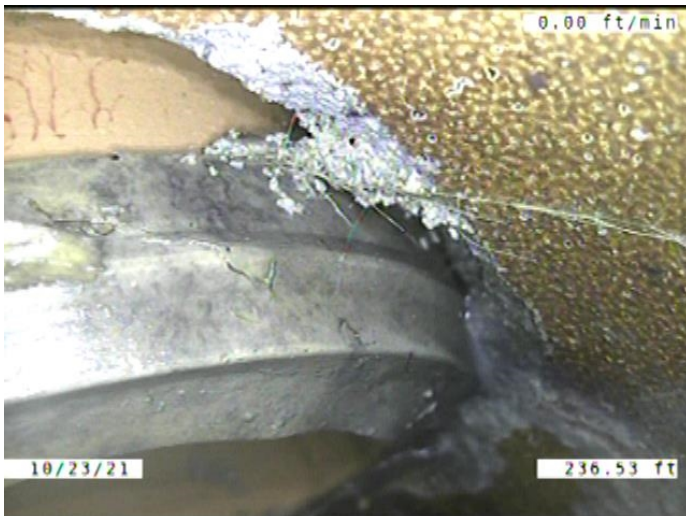
Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **235.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



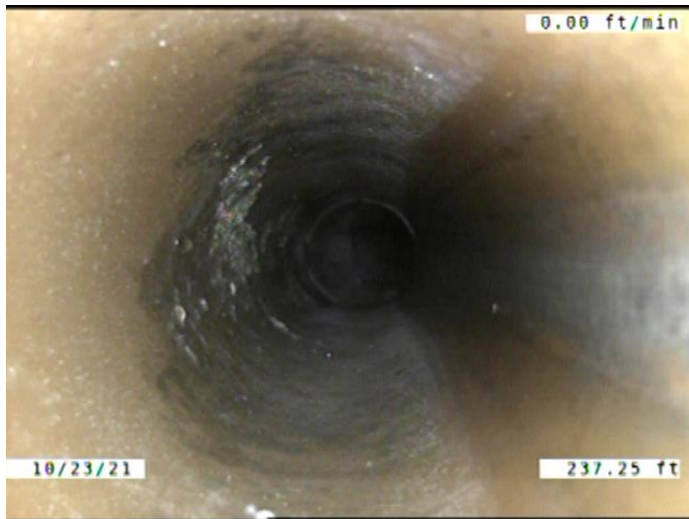
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **236.5**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



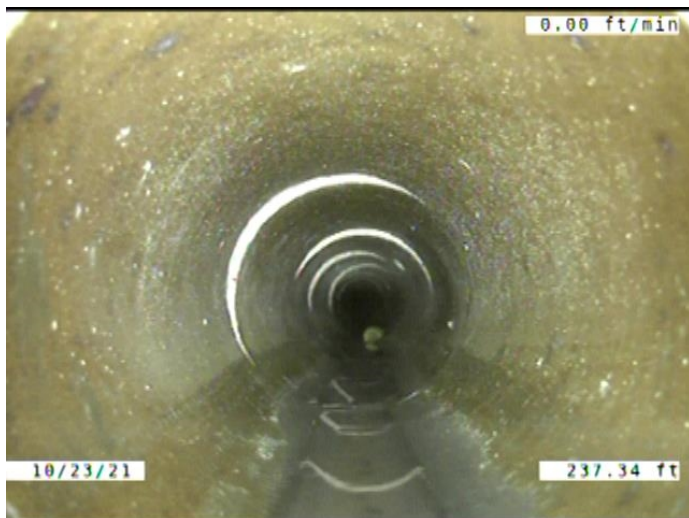
Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **236.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 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): **237.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To:
 1st Value: **4.000**
 2nd Value: **2.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **MSA**
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **237.3**
 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 CANT MAKE IT PAST PROTRUDING TAP. MADE IT TO THE**