

Profile/Photo Observation Report



Date: **11/13/2021** Weather: _____ Coding: **PACP 7.0**
 Pipe Length (ft): **238.5** Owner: **City of Hobart** Pre Clean: **Heavy Cleaning**
 P.O.#: **YES502259** Surveyor: **Steven Bucklin** PSR: **P-604-006-067**
 Customer: **City of Hobart, IN (Red** Clean Date: **11/13/2021** Shape: **C**

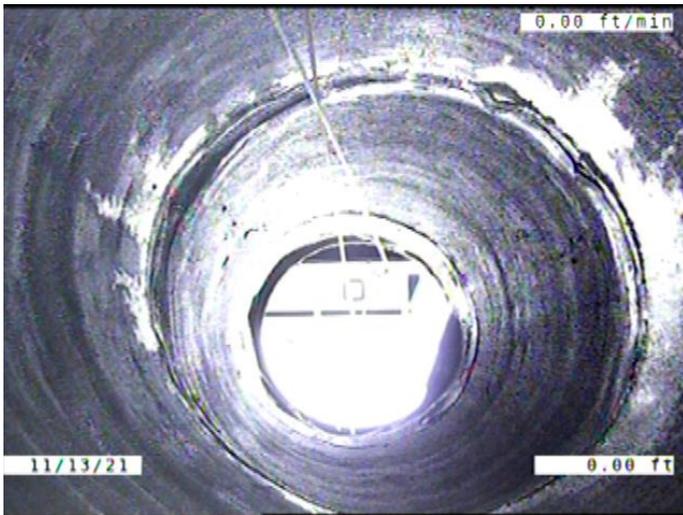
Street: **Beverly Boulevard** Flow Control: **Not Controlled**
 City: **City of Hobart** Year Renewed: _____
 Location: **Local rural streets with light traffic, t** Tape/Media #: _____
 Purpose: **Routine Assessment** Dia/Height: **12"**
 Use: **Sanitary Sewage Pipe** Material: **CP**
 Drain Area: _____ Lining: **None**
 Category: **NA**
 Comment: _____
 Location Details: _____ Direction of Survey: **Downstream**
 US MH: **M-604-006** DS MH: **M-605-067** Total Length Surveyed (ft): **238.5**

O&M Index:	2.06	O&M Quick:	4133	O&M Rating:	33.00
Structural Index:	2.75	Structural Quick:	4731	Structural Rating:	55.00
Overall Index:	2.44	Overall Quick:	4834	Overall Rating:	88.00

Position	Code	Observation	Video (sec)	Grade
M-604-006 0.0	AMH	Manhole	1	NA
0.0	MWL	Miscellaneous Water Level	68	NA
12.5	ISGT	Intruding Sealing Material Grout	187	M 2
39.6	MWLS(S01)	Miscellaneous Water Level Sag	281	S 2
45.0	DAE	Deposits Attached Encrustation	335	M 2
45.2	CL	Crack Longitudinal	353	S 2
47.5	TF	Tap Factory	395	NA
48.2	TB	Tap Break-in/Hammer	454	NA
57.4	MWLS(F01)	Miscellaneous Water Level Sag	498	S 2
57.9	ISGT	Intruding Sealing Material Grout	540	M 2
73.5	MWLS(S02)	Miscellaneous Water Level Sag	608	S 2
82.0	MWLS(F02)	Miscellaneous Water Level Sag	643	S 2
99.6	TFC	Tap Factory Capped	710	NA
102.6	TF	Tap Factory	746	NA
129.9	MWLS(S03)	Miscellaneous Water Level Sag	841	S 2
132.0	FM(S04)	Fracture Multiple	897	S 4
142.9	TBA	Tap Break-in Activity	1048	NA
143.7	RFJ	Roots Fine Joint	1084	M 1
144.4	RFC	Roots Fine Connection	1130	M 1

144.5	TB	Tap Break-in/Hammer	1144	NA
148.4	TFC	Tap Factory Capped	1197	NA
148.4	MWLS(F03)	Miscellaneous Water Level Sag	1212	S 2
152.9	DAE	Deposits Attached Encrustation	1282	M 2
166.7	FM(F04)	Fracture Multiple	1402	S 4
177.0	MWLS	Miscellaneous Water Level Sag	1456	S 2
183.3	RFJ	Roots Fine Joint	1841	M 1
183.8	MCU	Miscellaneous Camera Underwater	1546	M 4
183.8	MWL	Miscellaneous Water Level	1554	NA
187.0	RML	Roots Medium Lateral	1646	M 3
187.8	TFD	Tap Factory Defective	1618	M 3
187.8	MGP	Miscellaneous General Photograph	1951	NA
190.3	RTL	Roots Tap Lateral	1721	M 2
190.8	TFD	Tap Factory Defective	1758	M 3
190.8	MGP	Miscellaneous General Photograph	2037	NA
198.6	RFJ	Roots Fine Joint	2128	M 1
204.8	DAE	Deposits Attached Encrustation	2202	M 2
210.9	DAE	Deposits Attached Encrustation	2285	M 2
217.1	DAE	Deposits Attached Encrustation	2392	M 2
217.1	FL	Fracture Longitudinal	2408	S 3
226.7	MWL	Miscellaneous Water Level	2484	NA
238.5	AMH	Manhole	2636	NA

M-605-067



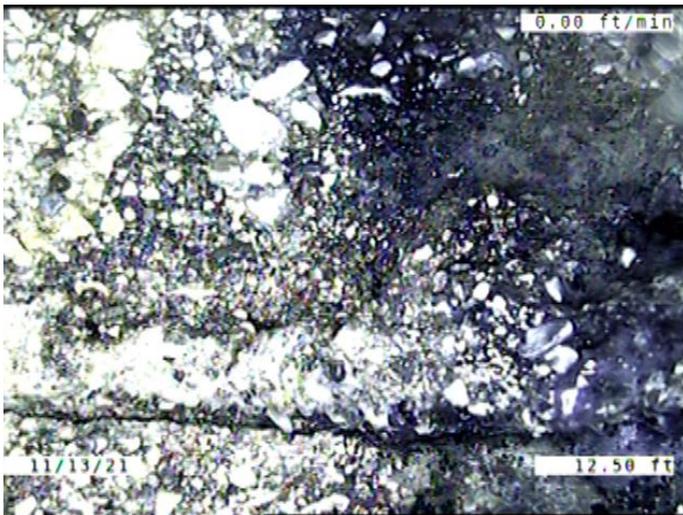
Code: **AMH**
Description: **Manhole**

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-604-006**



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:



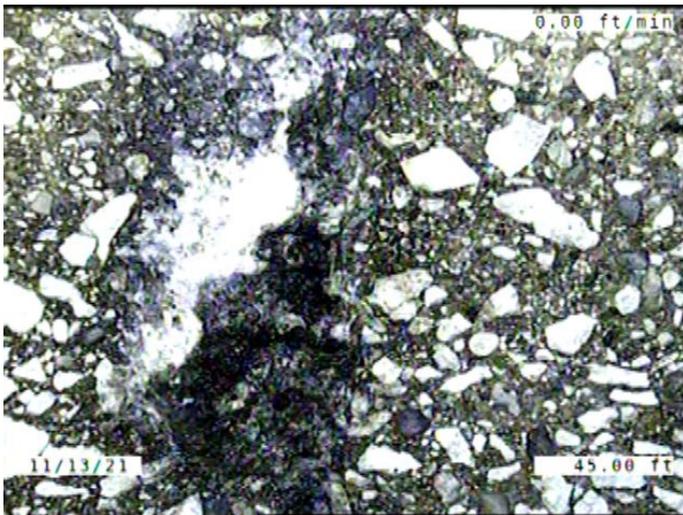
Code: **ISGT**
 Description: **Intruding Sealing Material Grout**

Distance (ft): **12.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



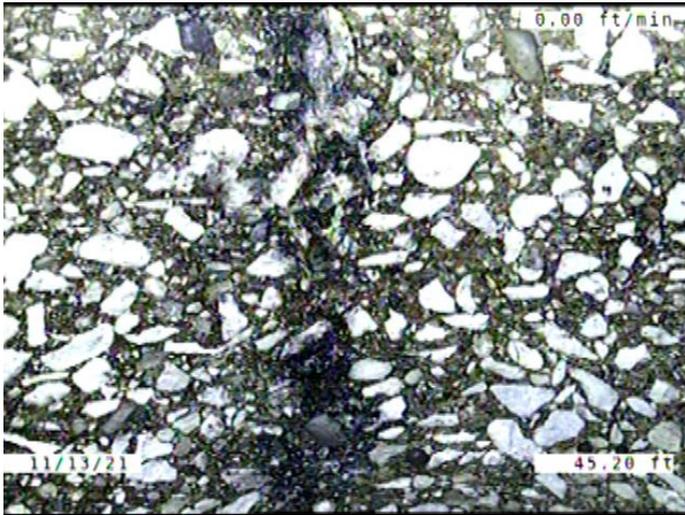
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **39.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S01**
 Within 8" of Joint: **NO**
 Remarks:



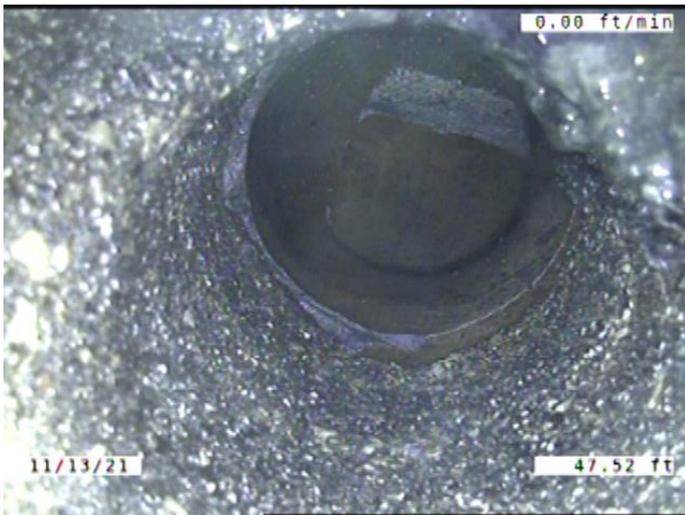
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **45.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



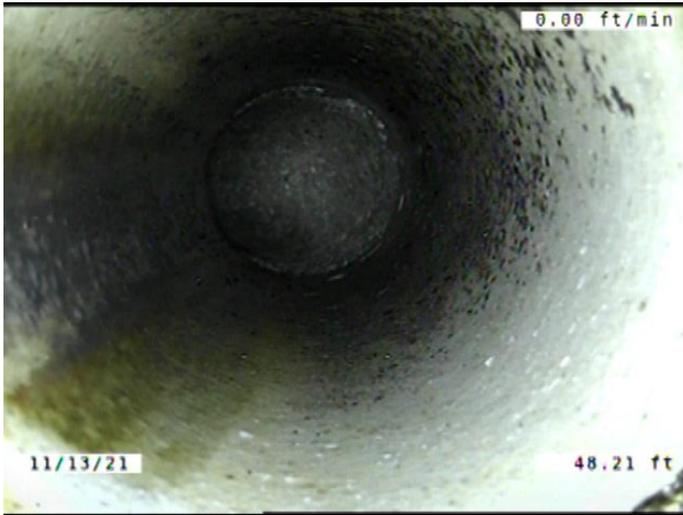
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **45.2**
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: **TF**
Description: **Tap Factory**

Distance (ft): **47.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER.**



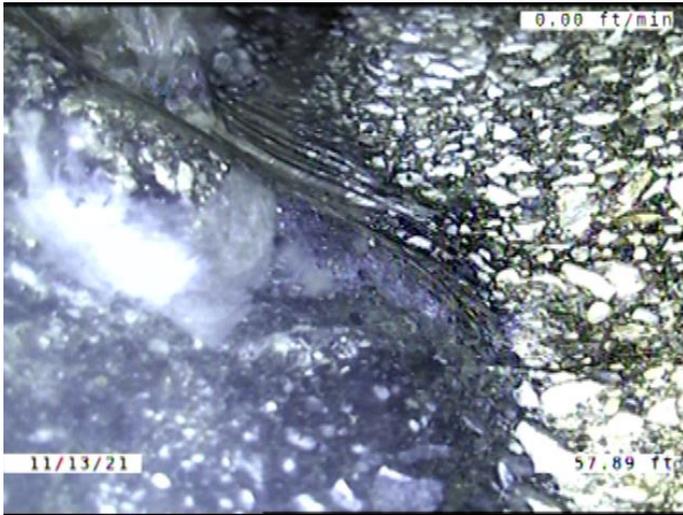
Code: **TB**
Description: **Tap Break-in/Hammer**

Distance (ft): **48.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



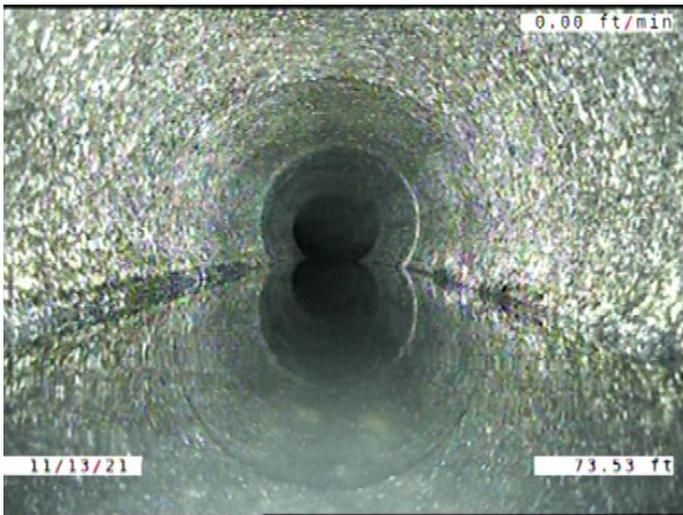
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **57.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



Code: **ISGT**
Description: **Intruding Sealing Material Grout**

Distance (ft): **57.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



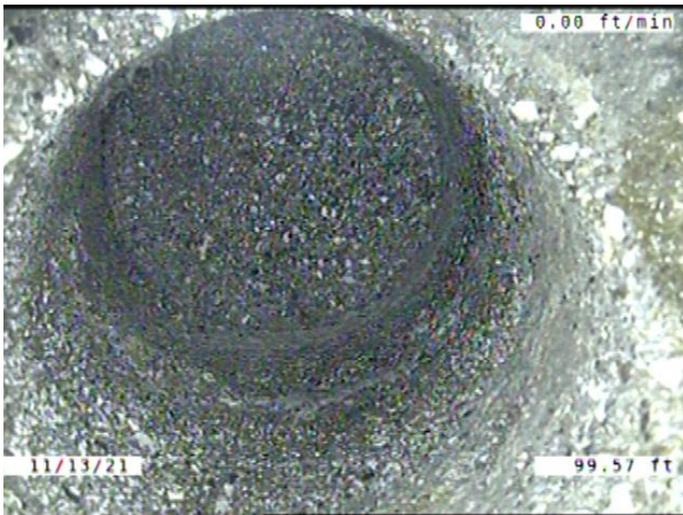
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **73.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



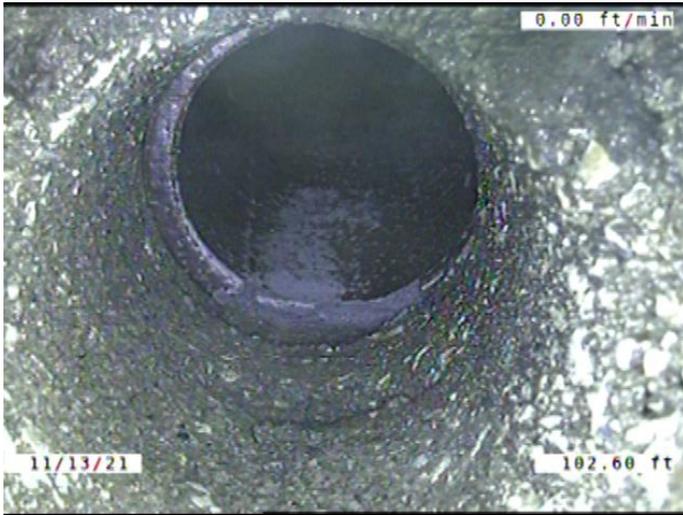
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **82.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F02**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **99.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP CRACKED**



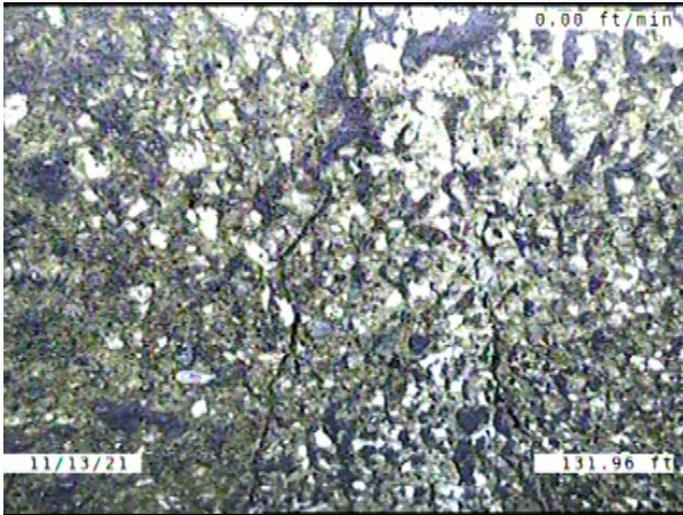
Code: **TF**
Description: **Tap Factory**

Distance (ft): **102.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



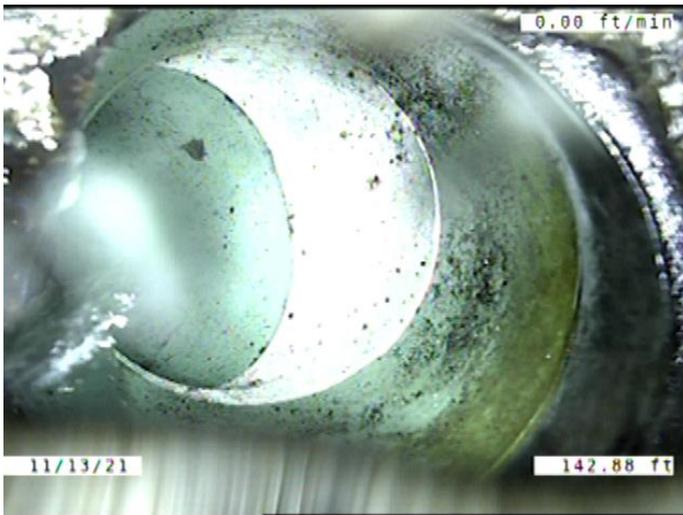
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **129.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



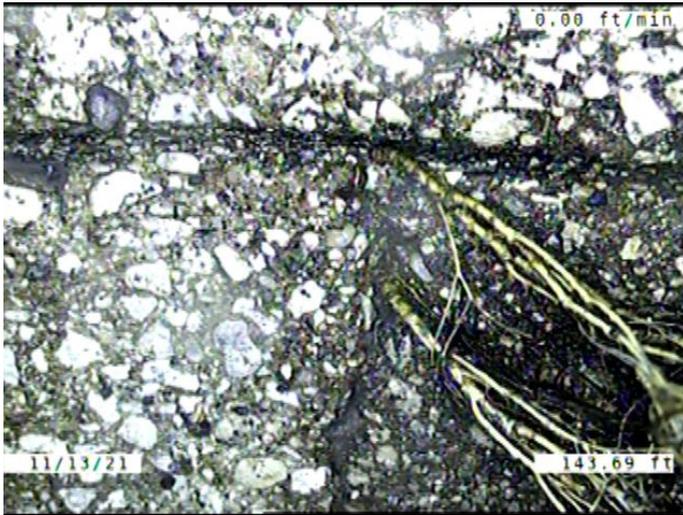
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **132.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks:



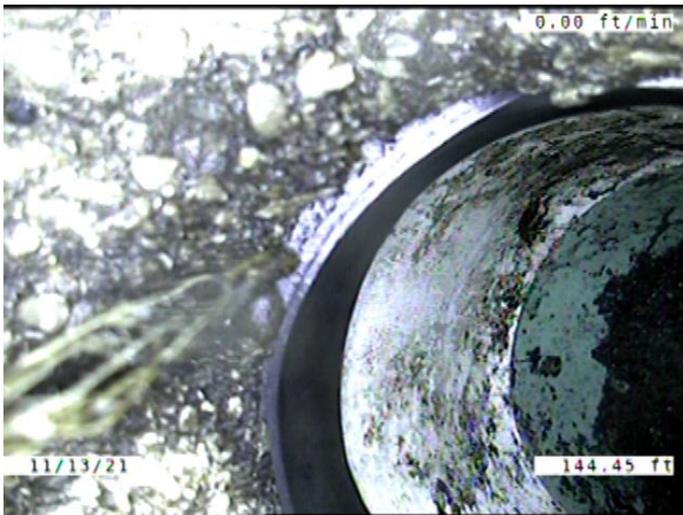
Code: **TBA**
Description: **Tap Break-in Activity**

Distance (ft): **142.9**
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: **NO**
Remarks: **CONSTANTLY RUNNING WATER.**



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

Distance (ft): **143.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



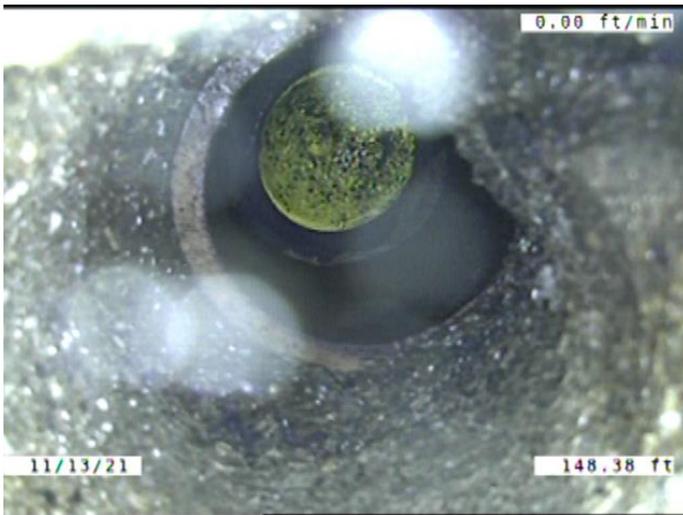
Code: **RFC**
 Description: **Roots Fine Connection**

Distance (ft): **144.4**
 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: **NO**
 Remarks:



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

Distance (ft): **144.5**
 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: **NO**
 Remarks:



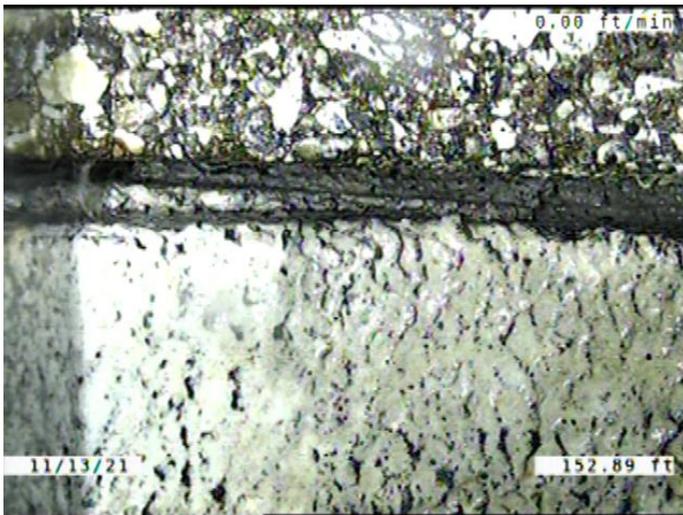
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **148.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **148.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



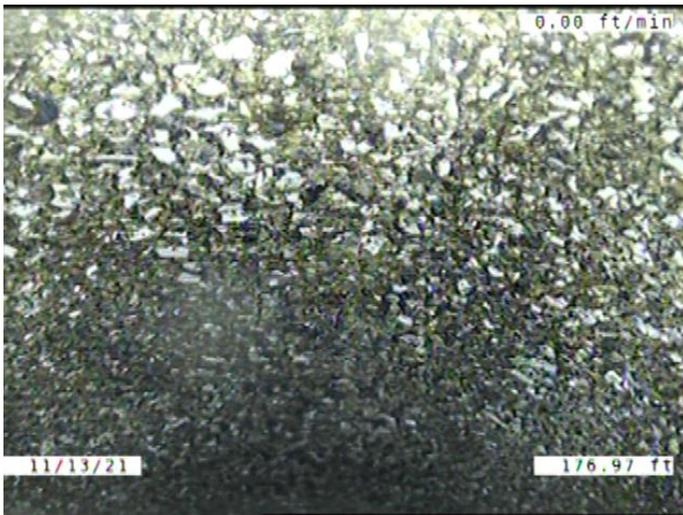
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **152.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



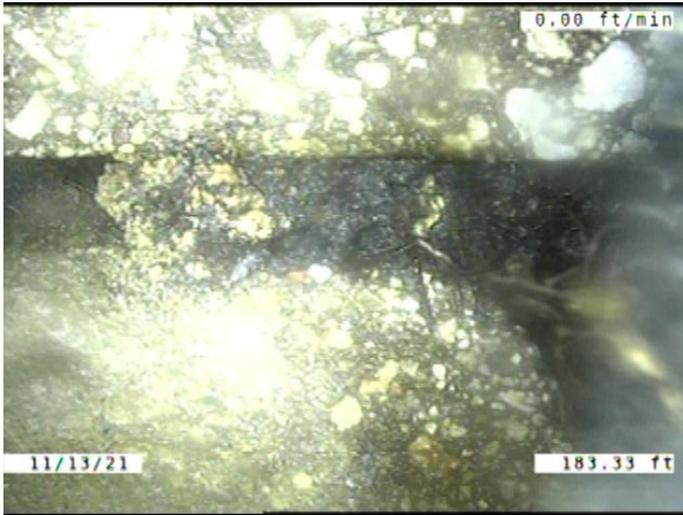
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **166.7**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F04**
 Within 8" of Joint: **YES**
 Remarks:



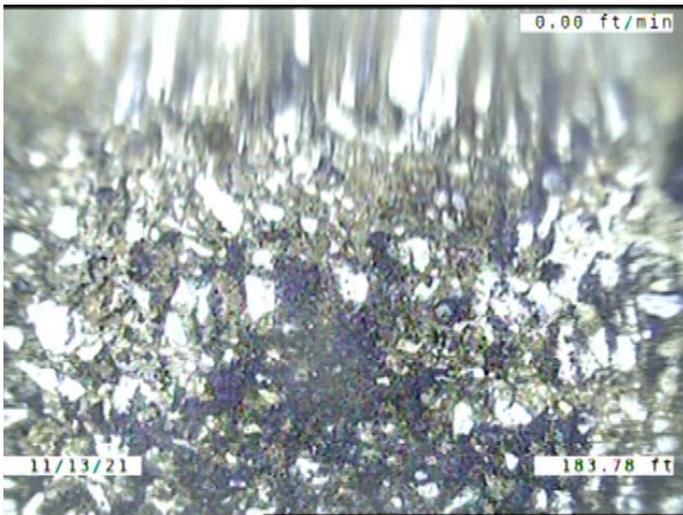
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **177.0**
 Structural Grade: **2**
 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:



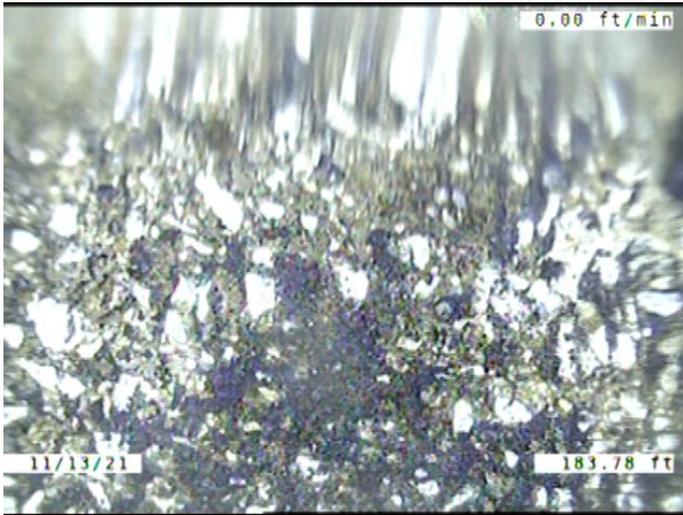
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **183.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **183.8**
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 186.7**



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

Distance (ft): **183.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **35.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **RML**
 Description: **Roots Medium Lateral**

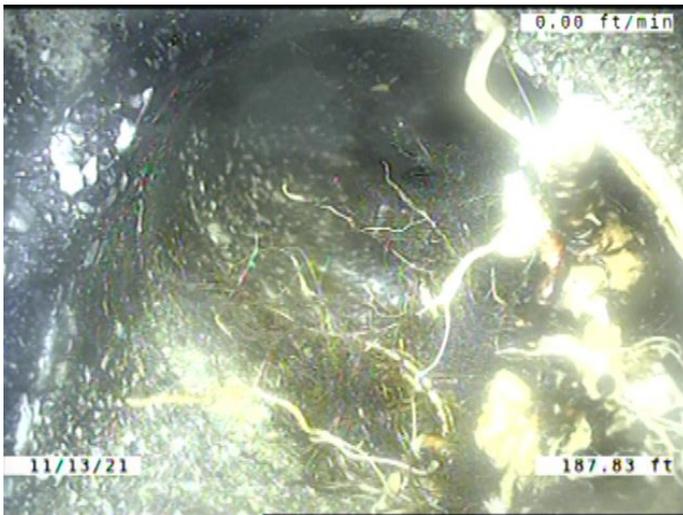
Distance (ft): **187.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **40.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **187.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**

2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING OUT OF THE TAP INTO THE MAIN.**



Code: **MGP**
Description: **Miscellaneous General Photograph**

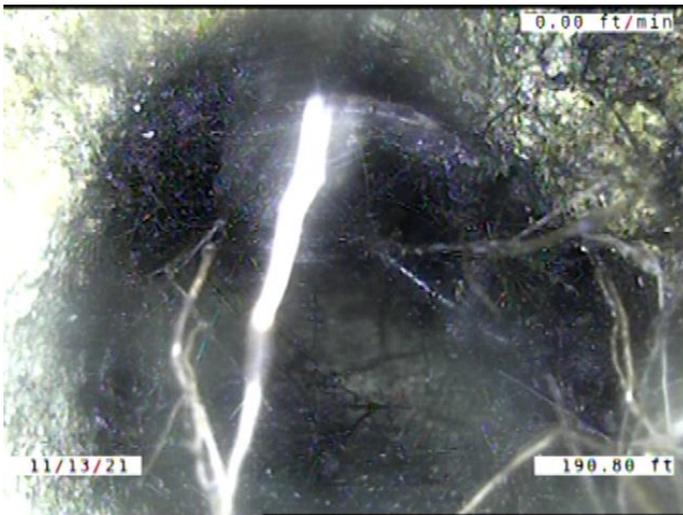
Distance (ft): **187.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:

1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **TAP AFTER ROOT CUTTING**



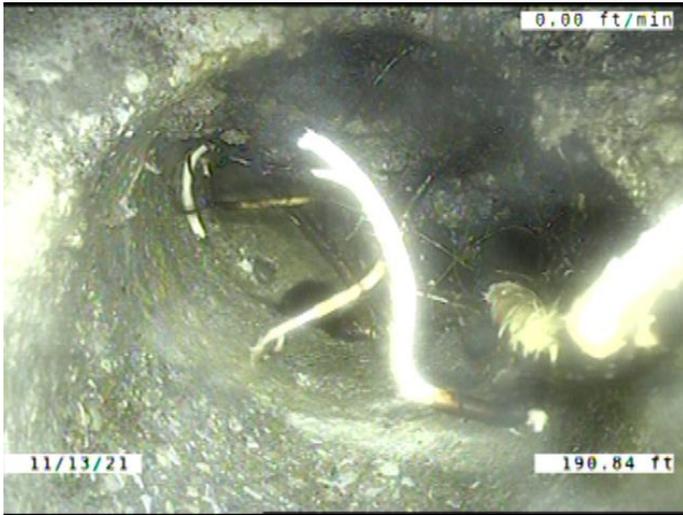
Code: **RTL**
 Description: **Roots Tap Lateral**

Distance (ft): **190.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **40.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



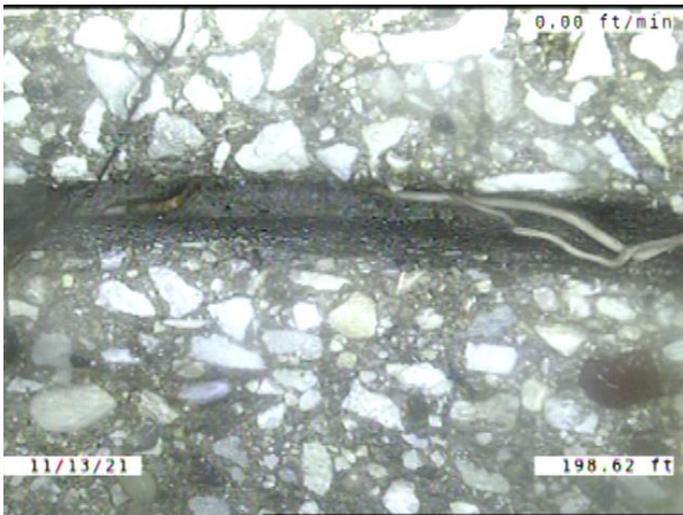
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **190.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ROOTS GROWING OUT OF THE TAP INTO THE MAIN.**



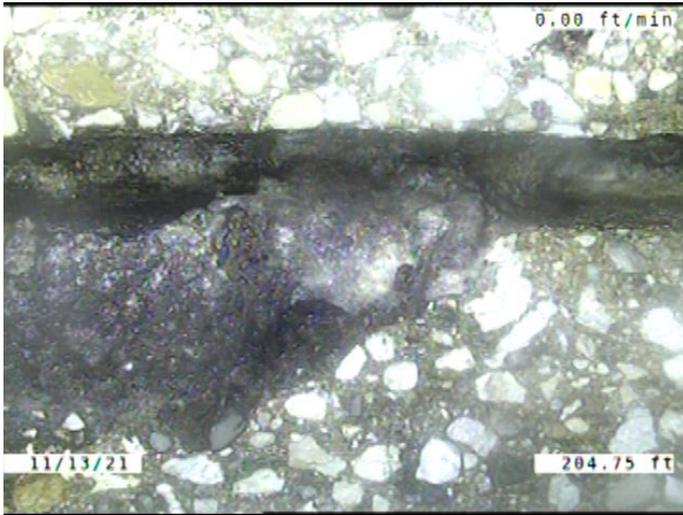
Code: **MGP**
 Description: **Miscellaneous General Photograph**

Distance (ft): **190.8**
 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: **NO**
 Remarks: **TAP AFTER ROOT CUTTING**



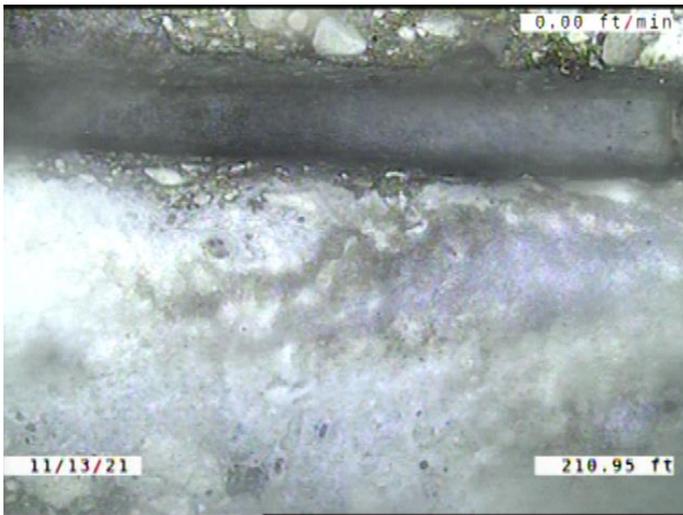
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **198.6**
 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:



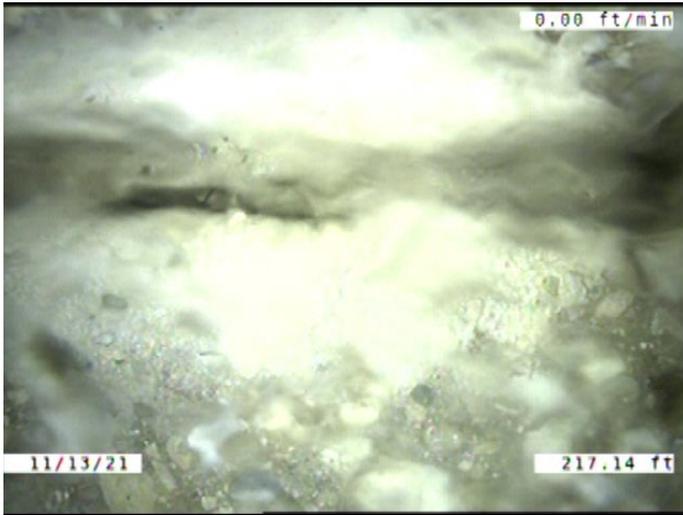
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **204.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



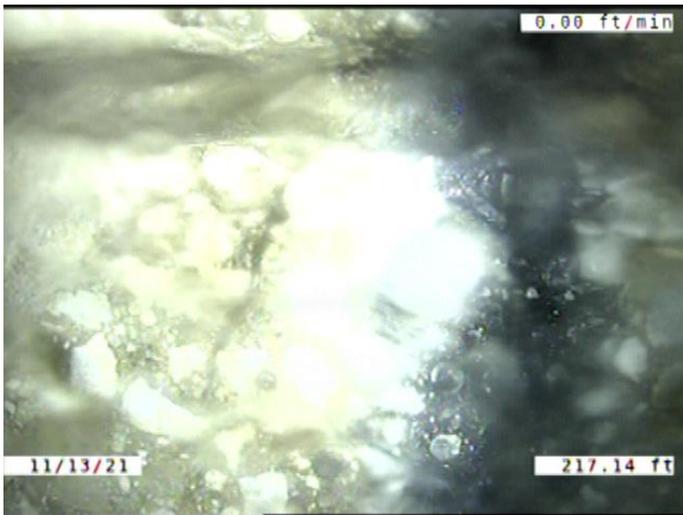
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **210.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



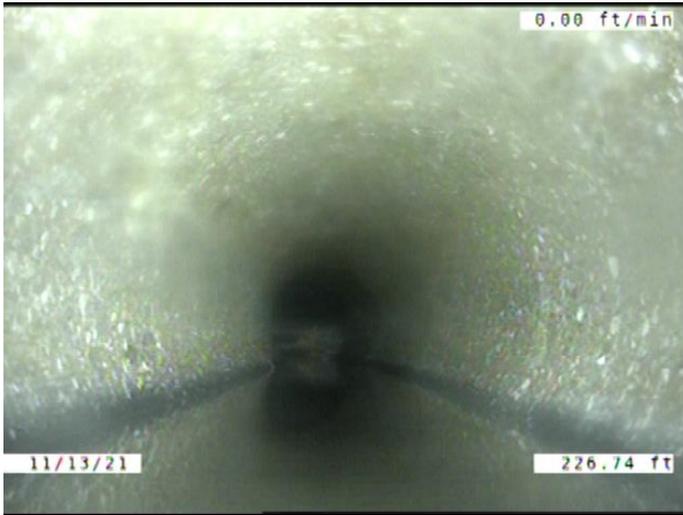
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **217.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **2**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **217.1**
Structural Grade: **3**
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: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **226.7**
 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: **AMH**
 Description: **Manhole**

Distance (ft): **238.5**
 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: **M-605-067**