

Profile/Photo Observation Report



Date:	02/26/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	336.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-706-007.2-007.1
Customer:	City of Hobart, IN (Red	Clean Date:	02/21/2022	Shape:	C

Street:	South Linda Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-706-007.1	DS MH:	M-706-007.2
		Total Length Surveyed (ft):	335.5

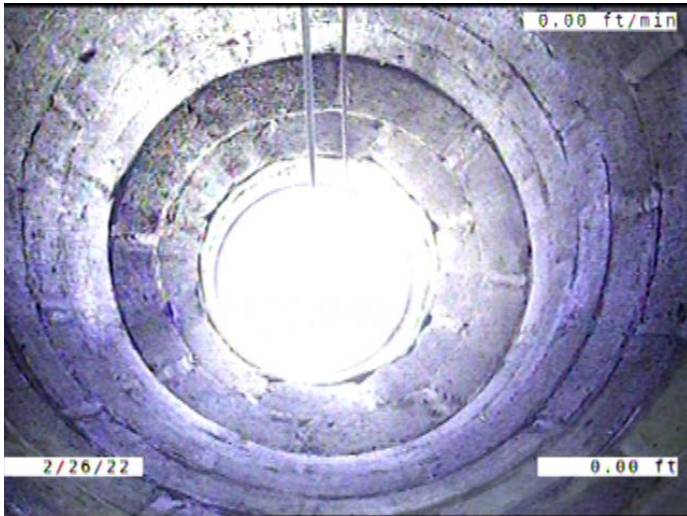
O&M Index:	1.59	O&M Quick:	2M11	O&M Rating:	200.00
Structural Index:	2.41	Structural Quick:	443B	Structural Rating:	152.00
Overall Index:	1.86	Overall Quick:	443B	Overall Rating:	352.00

Position	Code	Observation	Video (sec)	Grade
				
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	67	NA
.0	DSF(S01)	Deposits Settled Fine	75	M 2
4.3	ISGT	Intruding Sealing Material Grout	128	M 2
5.6	MWLS	Miscellaneous Water Level Sag	153	S 2
7.2	ISGT	Intruding Sealing Material Grout	186	M 2
31.9	MWLS(S02)	Miscellaneous Water Level Sag	289	S 2
33.9	JAM	Joint Angular Medium	309	S 3
34.0	CM	Crack Multiple	339	S 3
39.9	CM	Crack Multiple	394	S 3
52.6	TF	Tap Factory	483	NA
57.6	JAL	Joint Angular Large	565	S 4
63.6	CM	Crack Multiple	677	S 3
71.8	MWLS(F02)	Miscellaneous Water Level Sag	763	S 2
83.9	ISGT	Intruding Sealing Material Grout	828	M 2
84.5	MGO	Miscellaneous General Observation	850	NA
88.0	TFC	Tap Factory Capped	884	NA
92.6	MWLS(S03)	Miscellaneous Water Level Sag	920	S 2
99.0	CL	Crack Longitudinal	998	S 2

99.0	FS	Fracture Spiral	1038	S 3
99.0	RFJ	Roots Fine Joint	1056	M 1
99.4	ISB	Infiltration Stain Barrel	1073	M 1
101.8	RFJ	Roots Fine Joint	1135	M 1
101.9	CL	Crack Longitudinal	1158	S 2
107.7	JAM	Joint Angular Medium	1207	S 3
107.7	RFJ	Roots Fine Joint	1241	M 1
110.7	RFJ	Roots Fine Joint	1289	M 1
110.9	CM	Crack Multiple	1318	S 3
110.9	MGO	Miscellaneous General Observation	1342	NA
113.8	RFJ(S04)	Roots Fine Joint	1392	M 1
122.4	CL	Crack Longitudinal	1458	S 2
127.2	SSS	Surface Damage Surface Spalling	1510	S 2
128.3	ISGT	Intruding Sealing Material Grout	1546	M 2
129.3	TFC	Tap Factory Capped	1571	NA
135.4	SSS	Surface Damage Surface Spalling	1623	S 2
136.6	MWLS(F03)	Miscellaneous Water Level Sag	1645	S 2
137.1	ISGT	Intruding Sealing Material Grout	1674	M 2
138.7	MGO	Miscellaneous General Observation	1702	NA
145.2	LL	Line Left	1741	M 1
148.3	MGO	Miscellaneous General Observation	1764	NA
148.9	JAM	Joint Angular Medium	1788	S 3
149.0	LR	Line Right	1803	M 1
152.0	JAM	Joint Angular Medium	1829	S 3
152.0	FS	Fracture Spiral	1859	S 3
153.5	MWLS(S05)	Miscellaneous Water Level Sag	1884	S 2
158.7	TF	Tap Factory	1924	NA
160.2	MGO	Miscellaneous General Observation	1957	NA
169.5	TF	Tap Factory	2032	NA
174.4	MWLS(F05)	Miscellaneous Water Level Sag	2072	S 2
175.5	MGO	Miscellaneous General Observation	2090	NA
176.7	MGO	Miscellaneous General Observation	2116	NA
177.4	ISGT	Intruding Sealing Material Grout	2150	M 2
179.7	MGO	Miscellaneous General Observation	2182	NA
185.1	MWLS	Miscellaneous Water Level Sag	2219	S 2
189.1	ISGT	Intruding Sealing Material Grout	2246	M 2
189.4	FS	Fracture Spiral	2285	S 3
193.3	MGO	Miscellaneous General Observation	2320	NA
195.1	MWLS(S06)	Miscellaneous Water Level Sag	2342	S 2
204.2	FM	Fracture Multiple	2432	S 4
207.2	JAM	Joint Angular Medium	2461	S 3
207.2	CM	Crack Multiple	2486	S 3

210.1	CS	Crack Spiral	2532	S 2
226.7	MWLS(F06)	Miscellaneous Water Level Sag	2647	S 2
227.0	LLU	Line Left Up	2662	M 1
227.8	JAM	Joint Angular Medium	2681	S 3
227.8	B	Broken	2714	S 4
232.5	MWLS	Miscellaneous Water Level Sag	2745	S 2
233.8	JAM	Joint Angular Medium	2763	S 3
239.7	JAM	Joint Angular Medium	2800	S 3
242.0	MGO	Miscellaneous General Observation	2829	NA
243.5	TFC	Tap Factory Capped	2856	NA
246.9	MGO	Miscellaneous General Observation	2888	NA
252.4	MGO	Miscellaneous General Observation	2928	NA
254.0	MWLS(S07)	Miscellaneous Water Level Sag	2949	S 2
255.4	MGO	Miscellaneous General Observation	2967	NA
257.3	JAM	Joint Angular Medium	2993	S 3
263.2	JAL	Joint Angular Large	3035	S 4
279.2	MWLS(F07)	Miscellaneous Water Level Sag	3119	S 2
298.8	MGO	Miscellaneous General Observation	3199	NA
322.1	JAM	Joint Angular Medium	3287	S 3
325.4	MGO	Miscellaneous General Observation	3317	NA
333.5	DSF(F01)	Deposits Settled Fine	3362	M 2
333.5	RFJ(F04)	Roots Fine Joint	3370	M 1
335.5	AMH	Manhole	3468	NA

M-706-007.2



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-706-007.1**



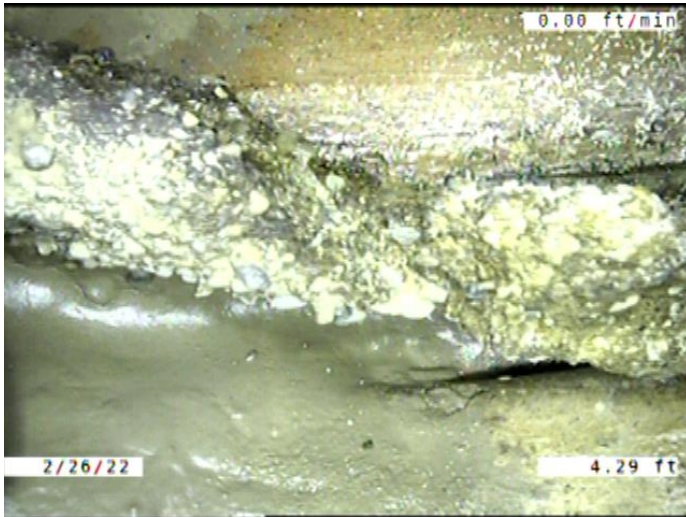
Code: **MWL**
 Description: **Miscellaneous Water Level**

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

Distance (ft): **.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



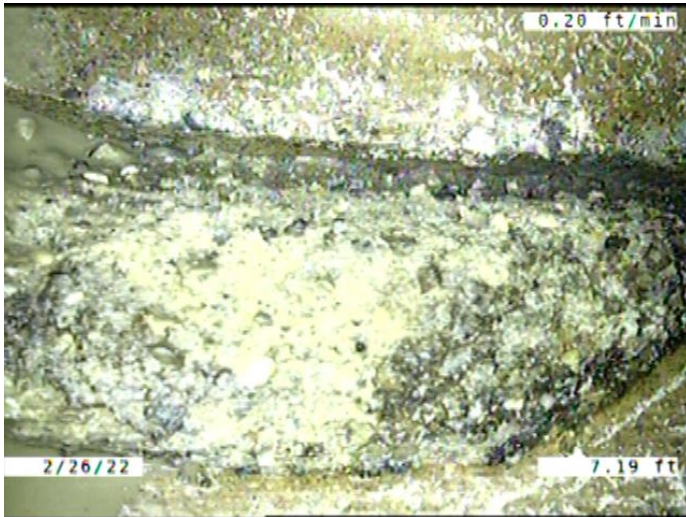
Code: **ISGT**
 Description: **Intruding Sealing Material Grout**

Distance (ft): **4.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 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): **5.6**
 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:



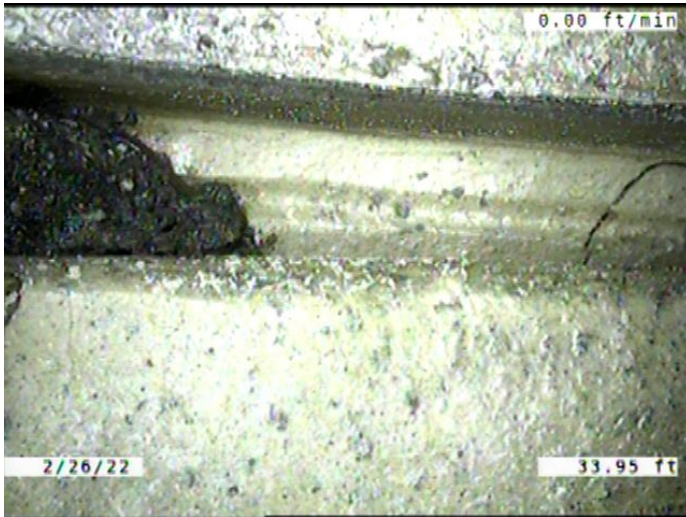
Code: **ISGT**
 Description: **Intruding Sealing Material Grout**

Distance (ft): **7.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **6**
 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): **31.9**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S02**
 Within 8" of Joint: **NO**
 Remarks:



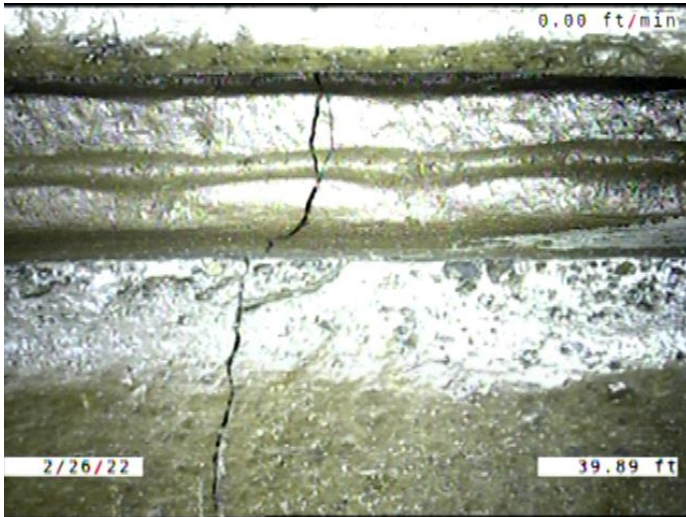
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **33.9**
 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:



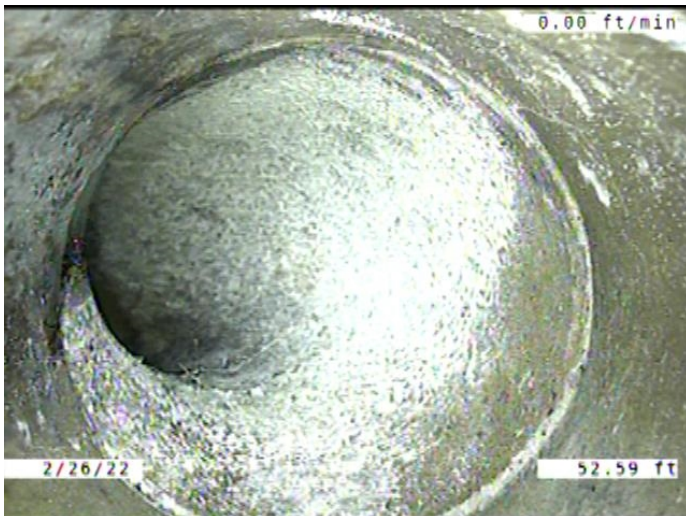
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **34.0**
 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:



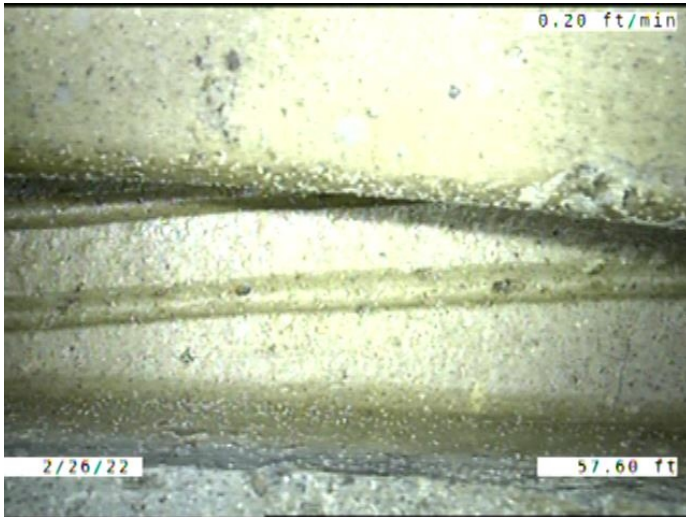
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **39.9**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



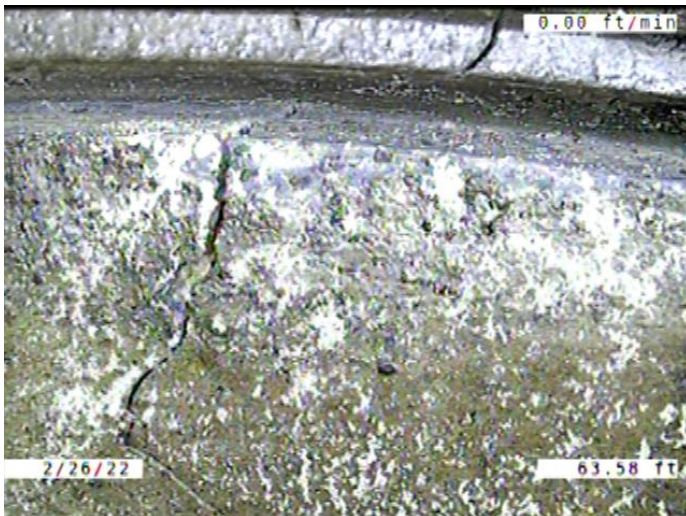
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **52.6**
 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:



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

Distance (ft): **57.6**
 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:



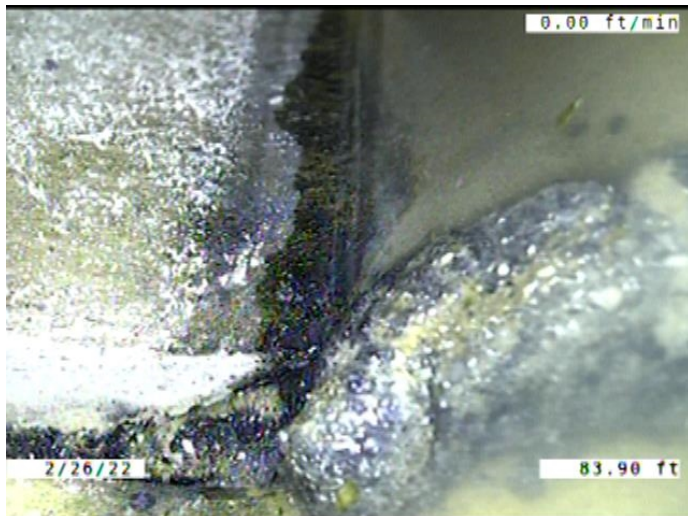
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **63.6**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



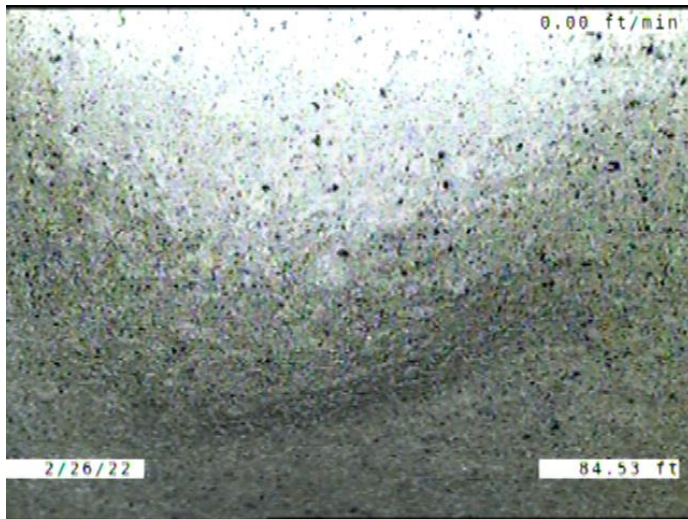
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **71.8**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **F02**
 Within 8" of Joint: **NO**
 Remarks:



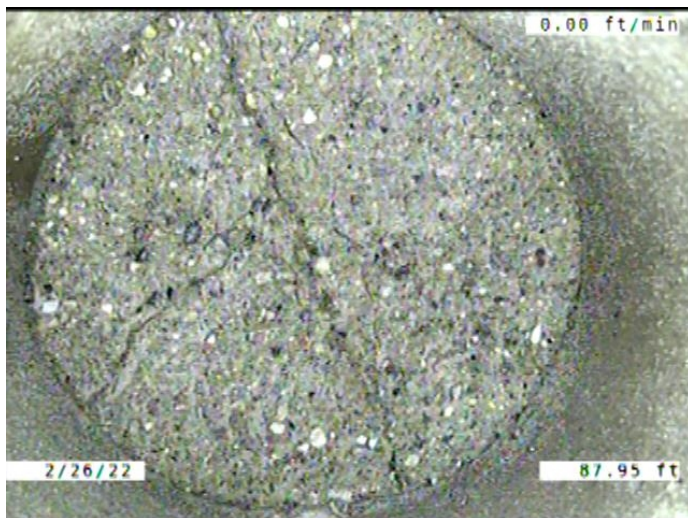
Code: **ISGT**
 Description: **Intruding Sealing Material Grout**

Distance (ft): **83.9**
 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: **NO**
 Remarks:



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

Distance (ft): **84.5**
 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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 2**



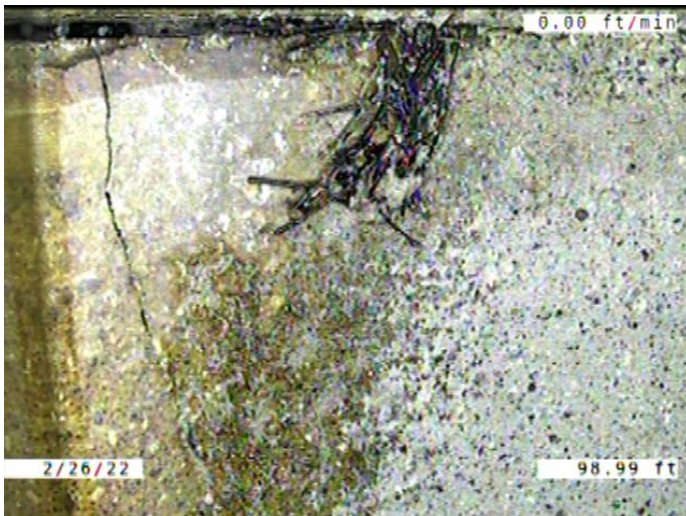
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **88.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CAP LOOKS CRACKED**



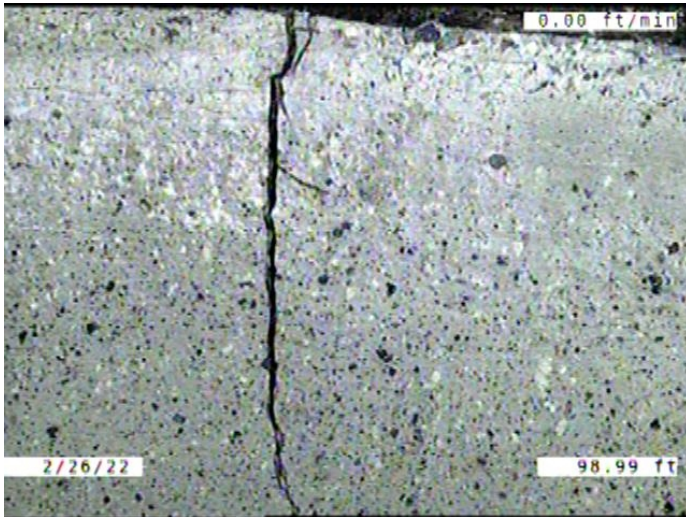
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **92.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



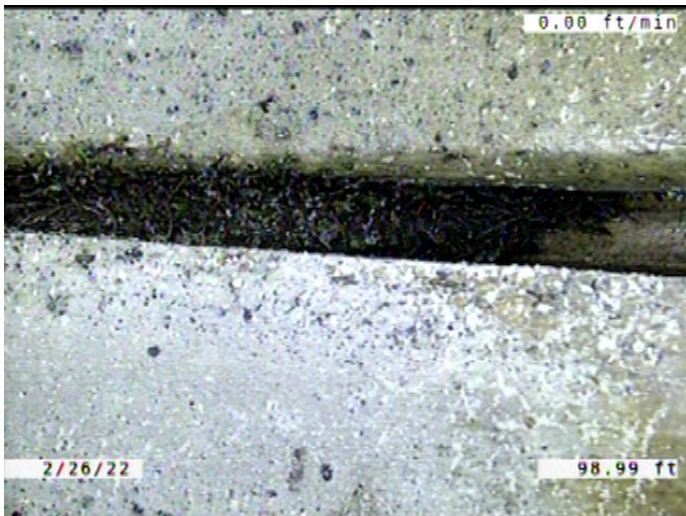
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **99.0**
 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:



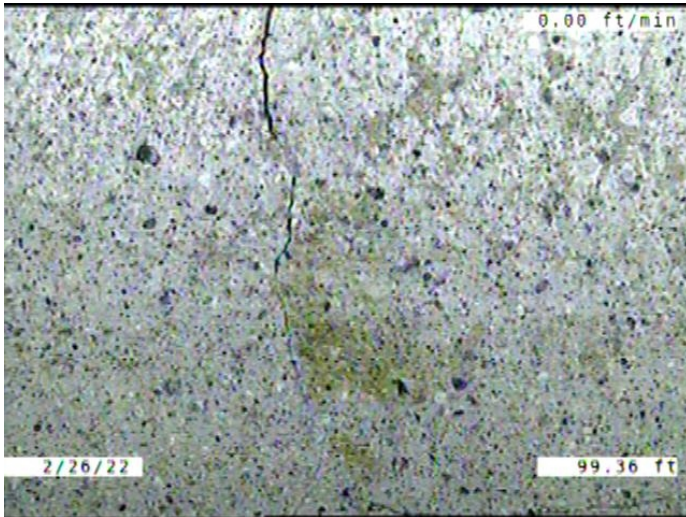
Code: **FS**
 Description: **Fracture Spiral**

Distance (ft): **99.0**
 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: **YES**
 Remarks:



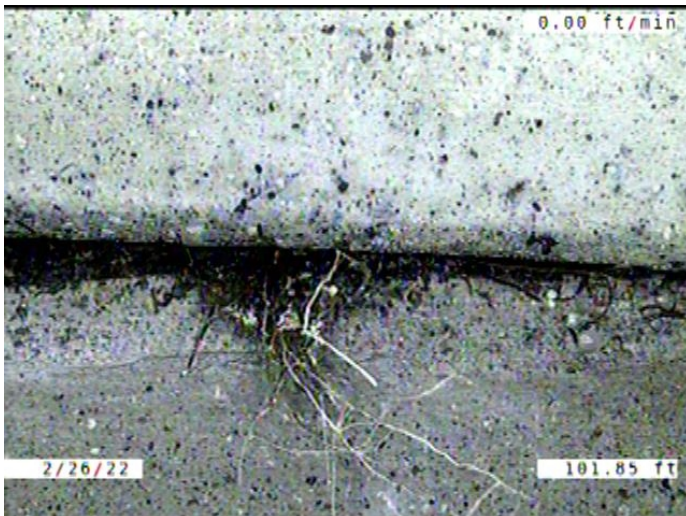
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **99.0**
 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:



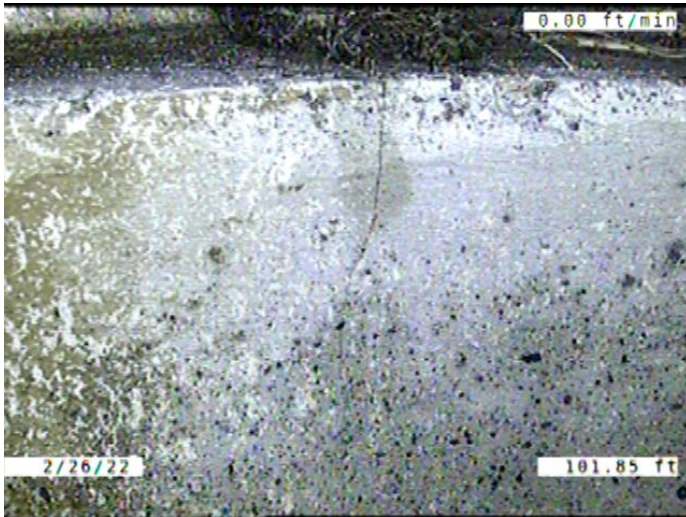
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **99.4**
 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:



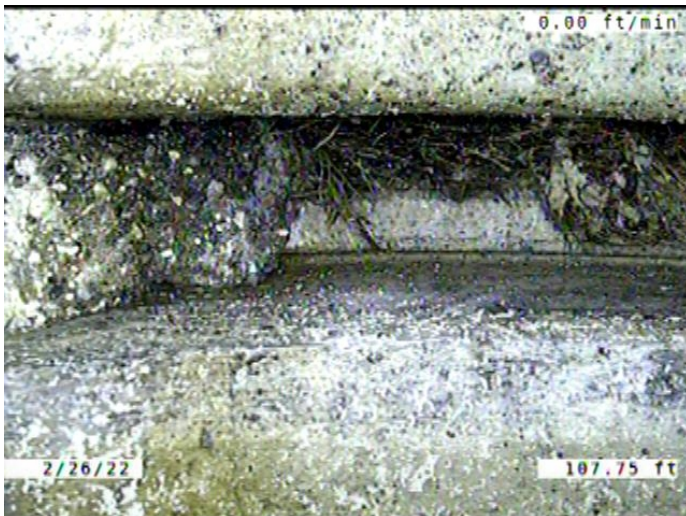
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **101.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



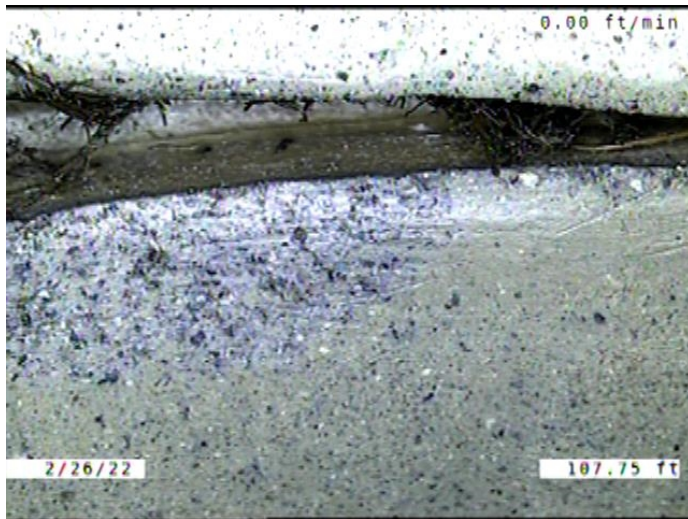
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **101.9**
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: **YES**
Remarks:



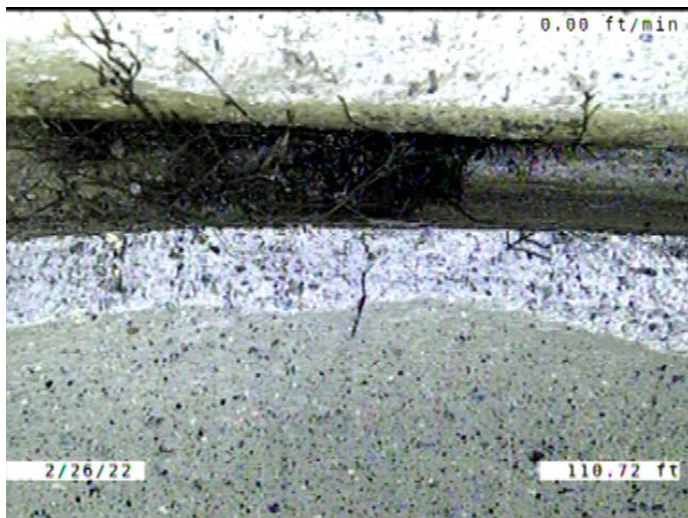
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **107.7**
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:



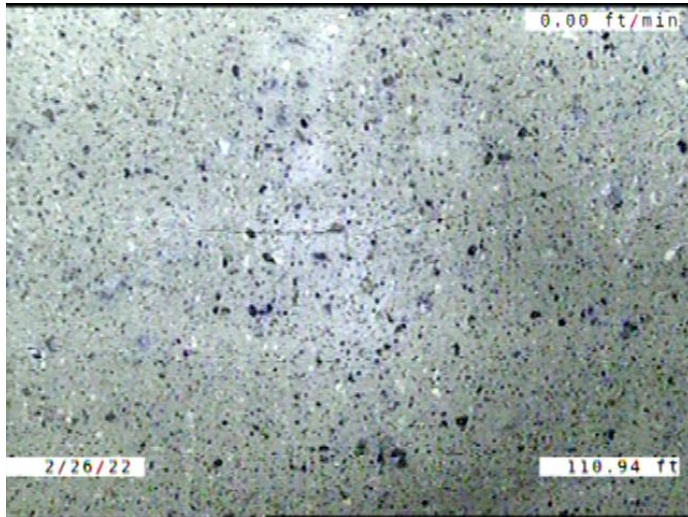
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **107.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



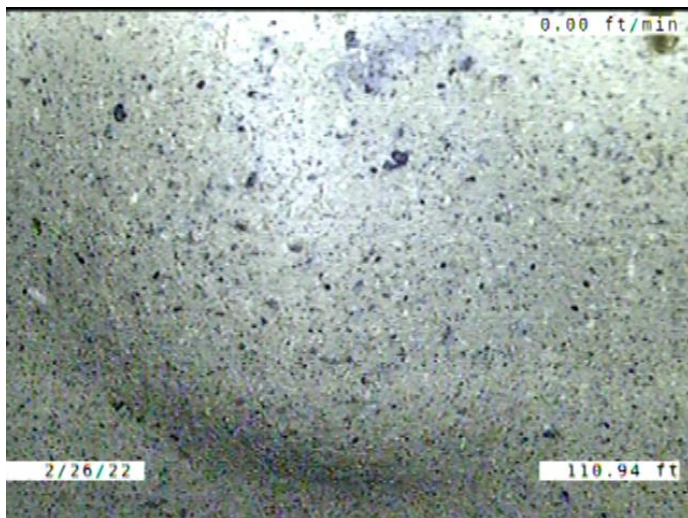
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **110.7**
 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:



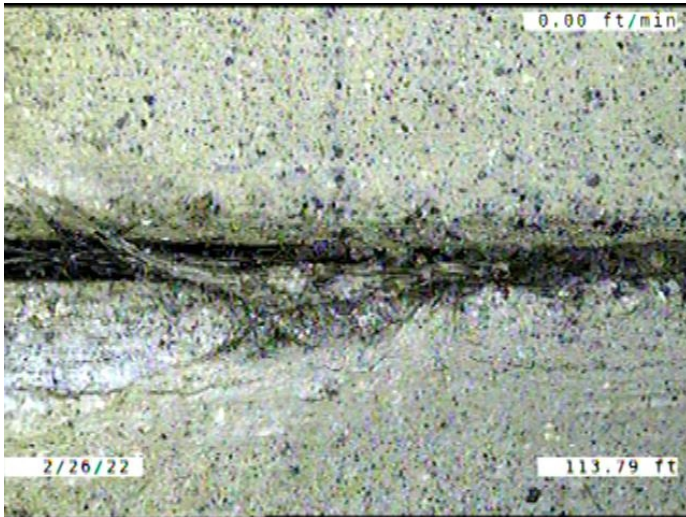
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **110.9**
Structural Grade: **3**
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:



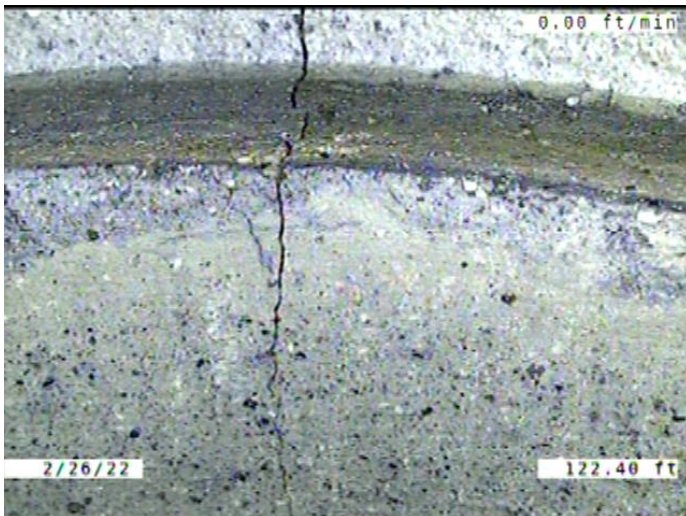
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **110.9**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 1**



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

Distance (ft): **113.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks:



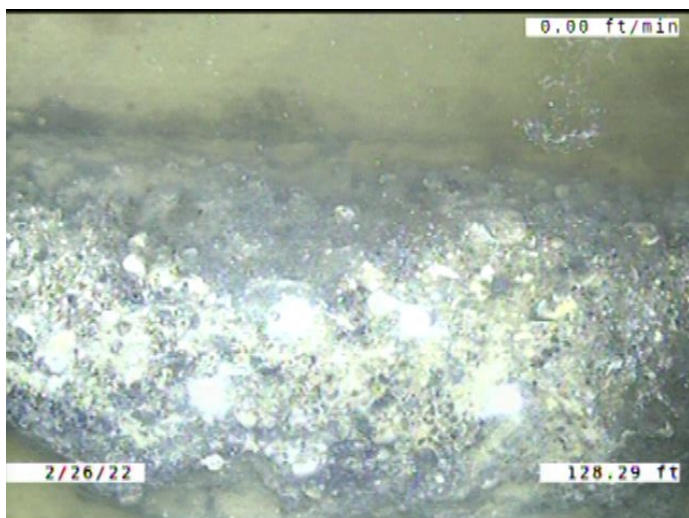
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **122.4**
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:



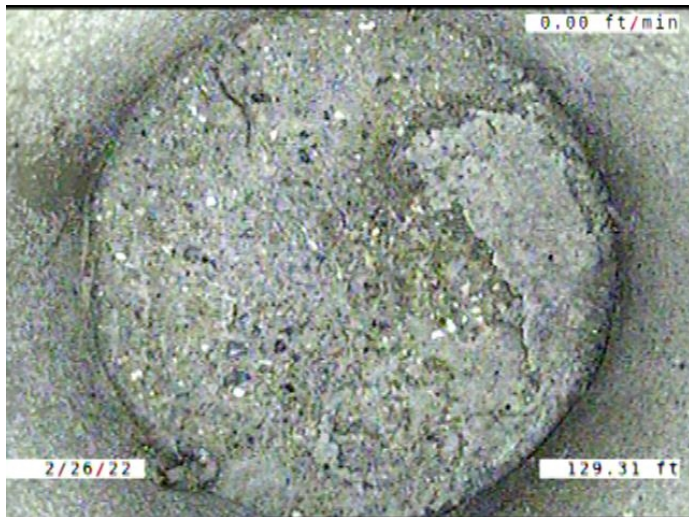
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **127.2**
 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:



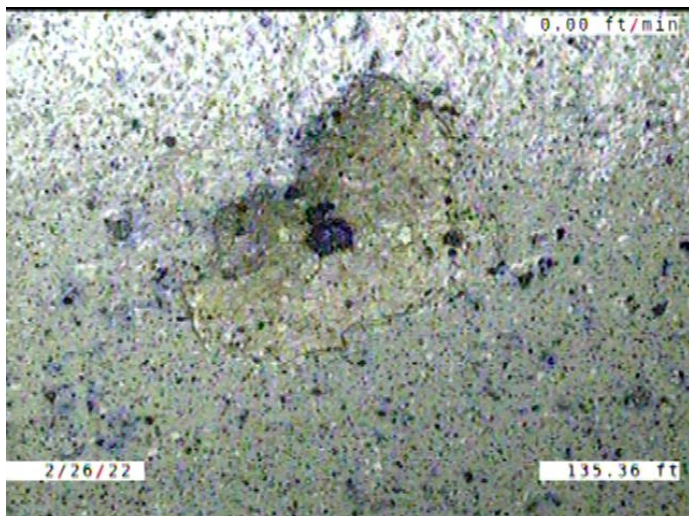
Code: **ISGT**
 Description: **Intruding Sealing Material Grout**

Distance (ft): **128.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **129.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



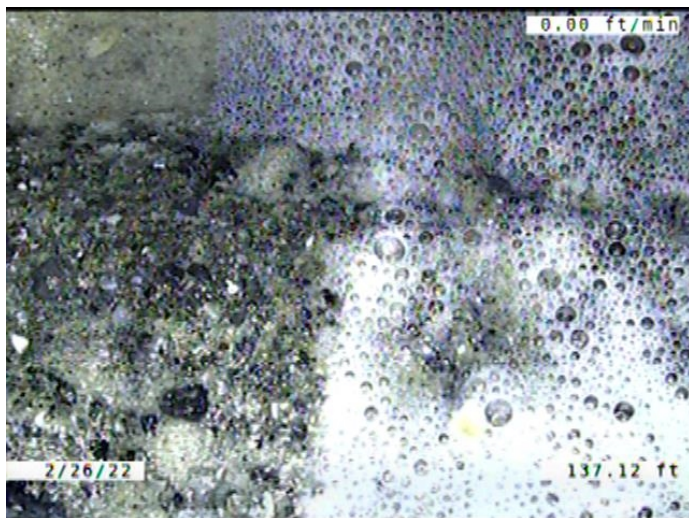
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **135.4**
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:



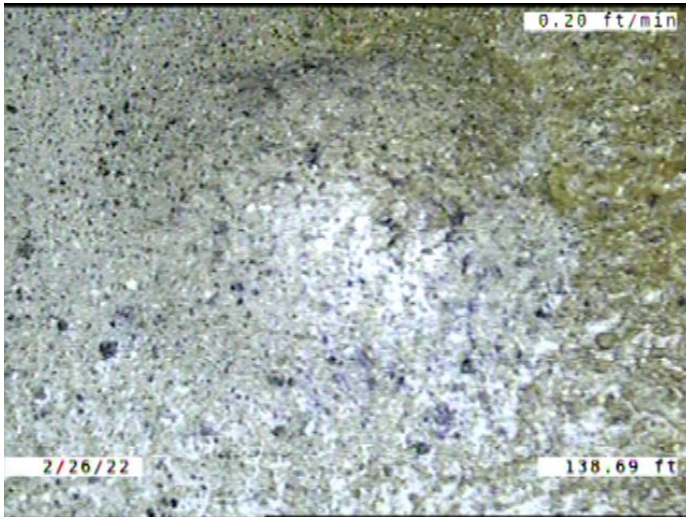
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **136.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **137.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



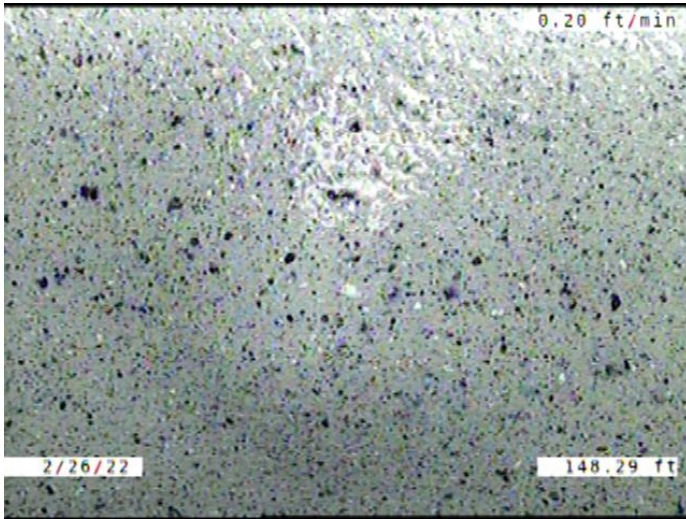
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **138.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 8**



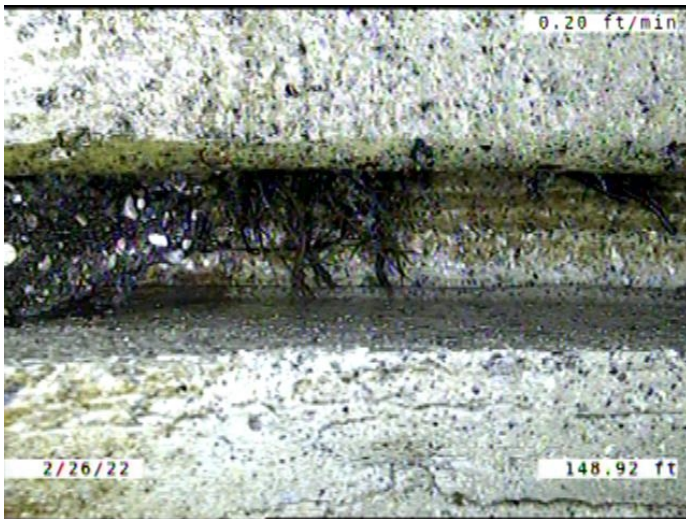
Code: **LL**
Description: **Line Left**

Distance (ft): **145.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **148.3**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 2**



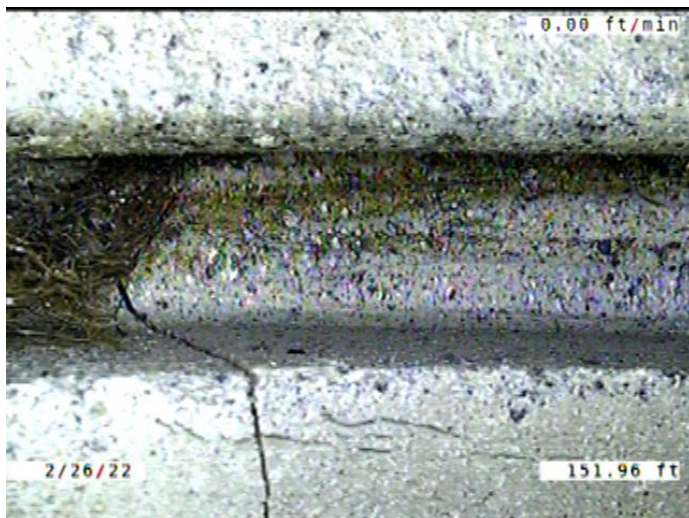
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **148.9**
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:



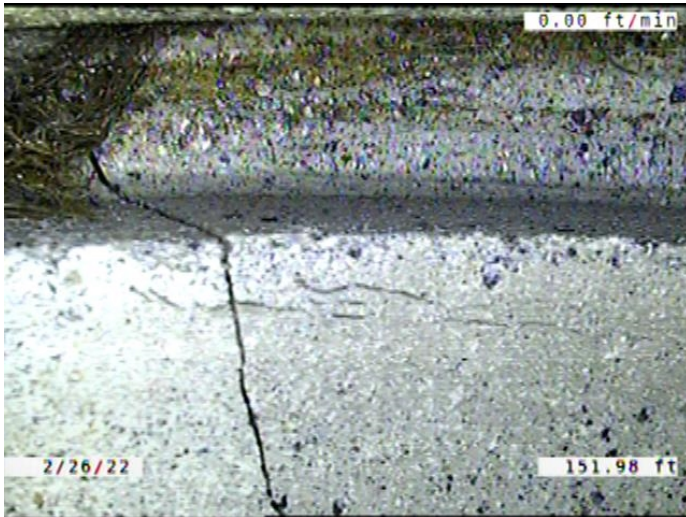
Code: **LR**
 Description: **Line Right**

Distance (ft): **149.0**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **152.0**
 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:



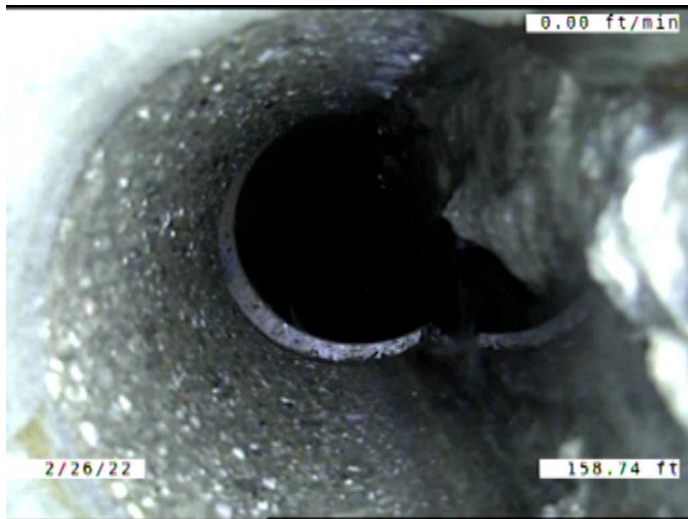
Code: **FS**
Description: **Fracture Spiral**

Distance (ft): **152.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



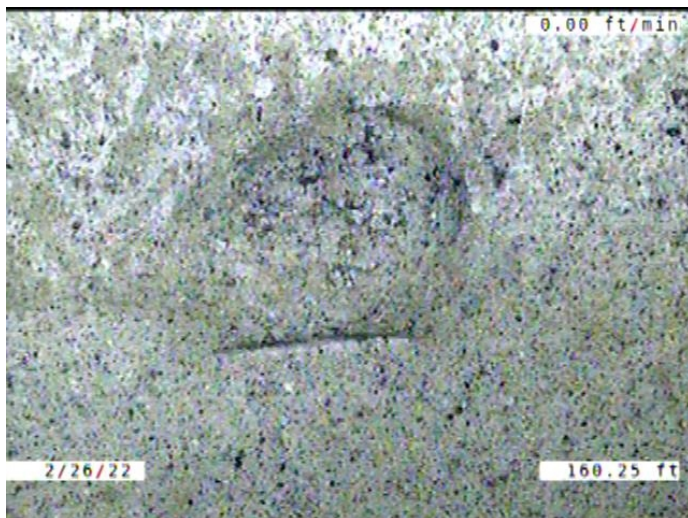
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **153.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



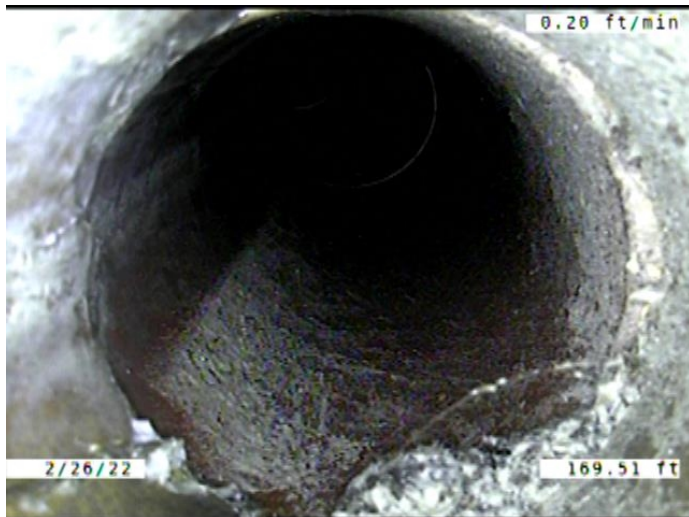
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **158.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **160.2**
 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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 2**



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

Distance (ft): **169.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**

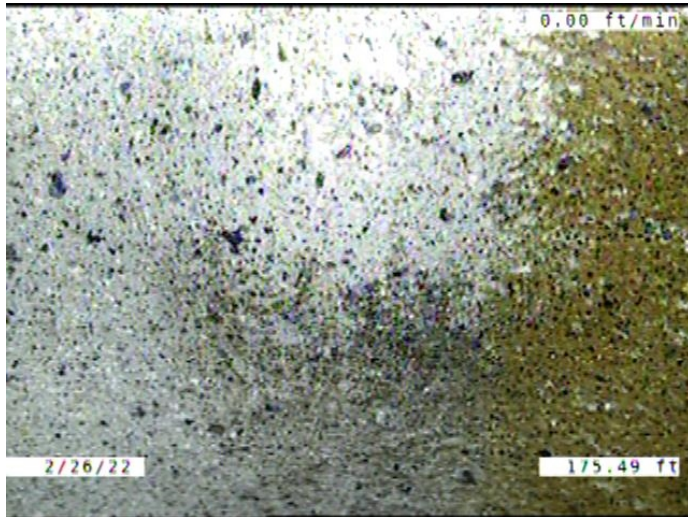
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING FROM THE TAP TO MAIN CONNECTION INTO THE MAIN**



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

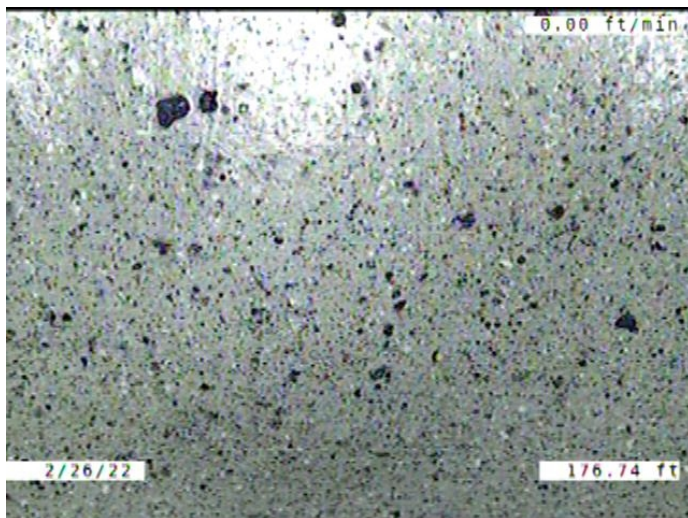
Distance (ft): **174.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**

Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



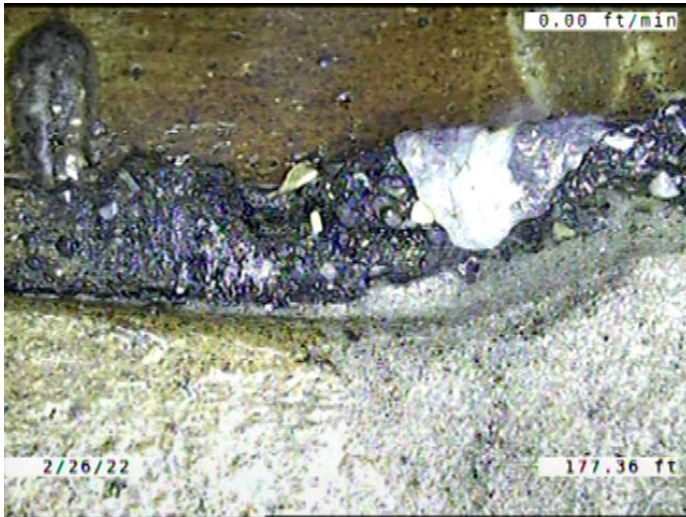
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **175.5**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 4**



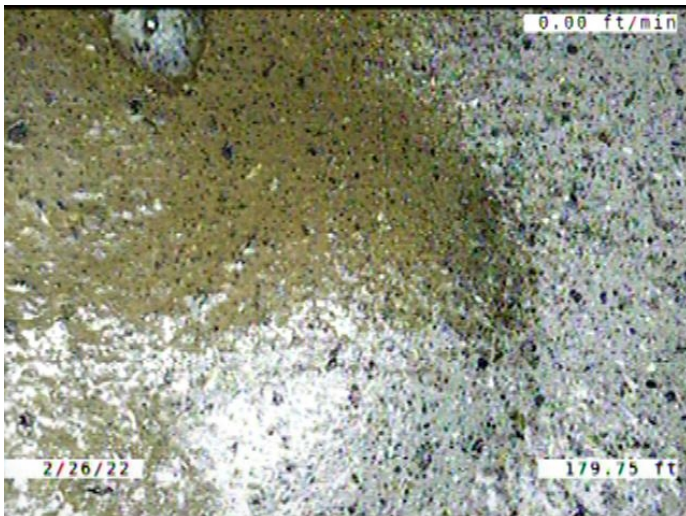
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **176.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 1**



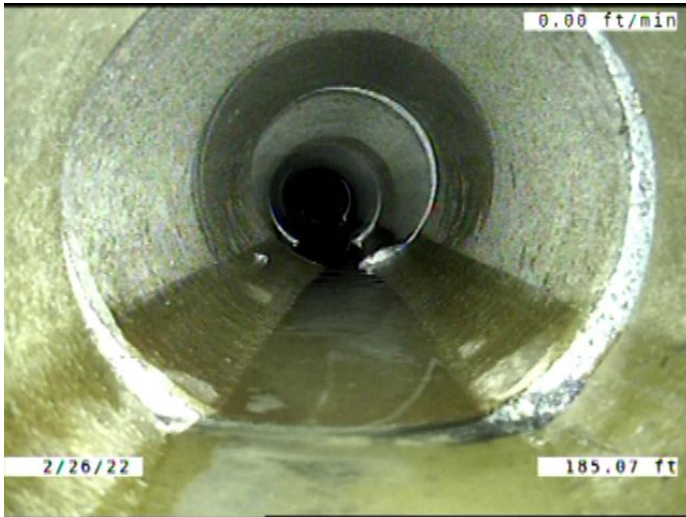
Code: **ISGT**
Description: **Intruding Sealing Material Grout**

Distance (ft): **177.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



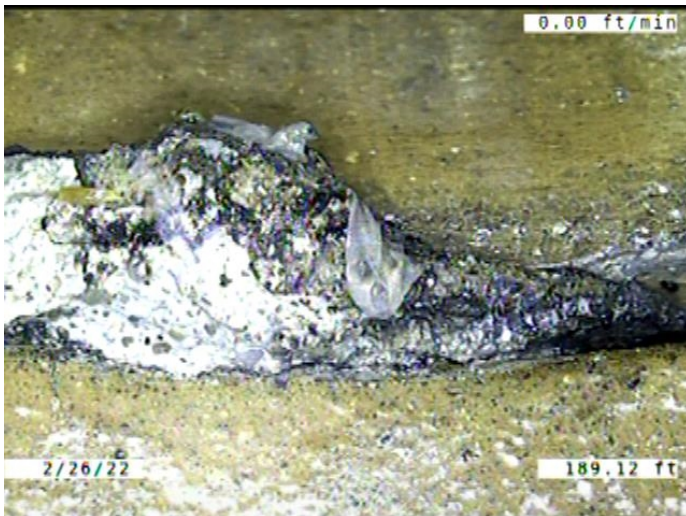
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **179.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 4**



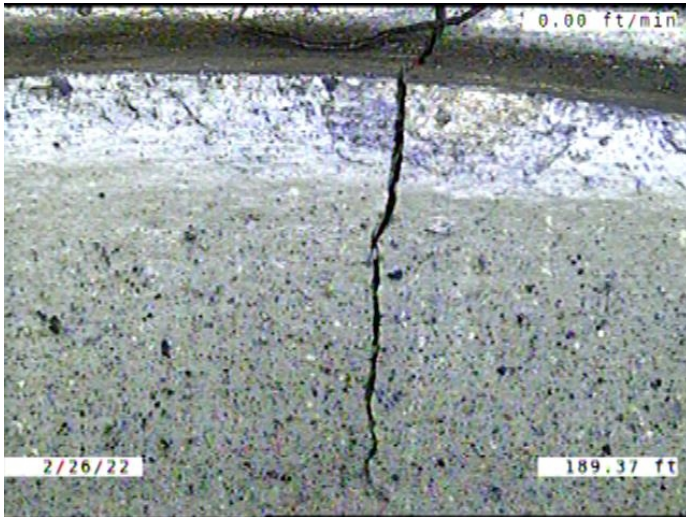
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **185.1**
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:



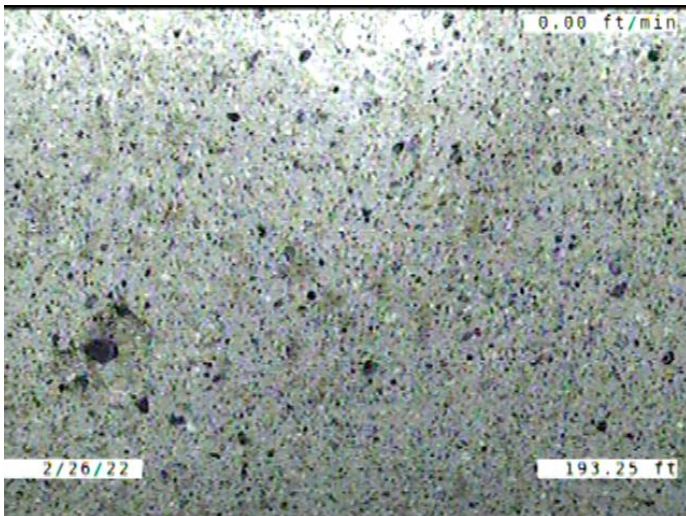
Code: **ISGT**
Description: **Intruding Sealing Material Grout**

Distance (ft): **189.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **189.4**
Structural Grade: **3**
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:



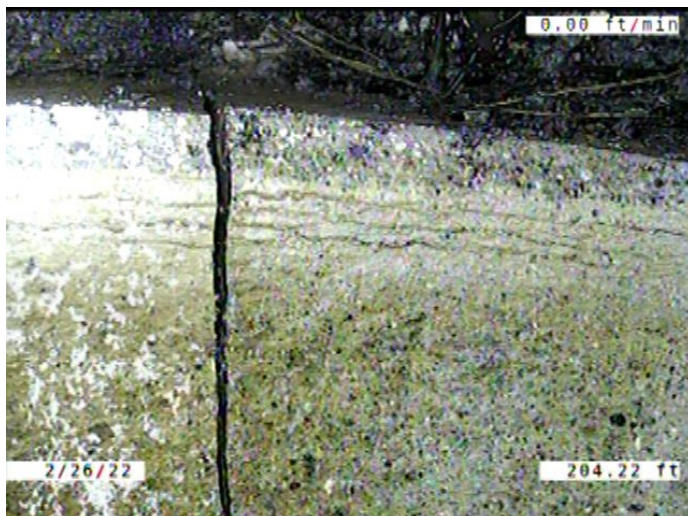
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **193.3**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 1**



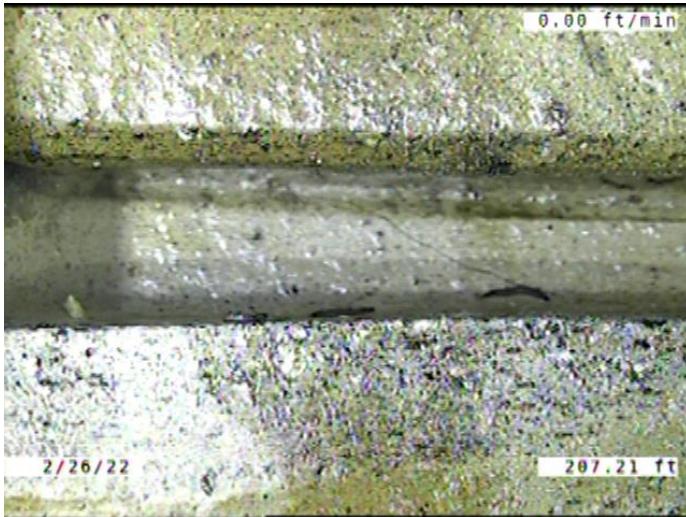
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **195.1**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **25.000**
 Continuous Index: **S06**
 Within 8" of Joint: **NO**
 Remarks:



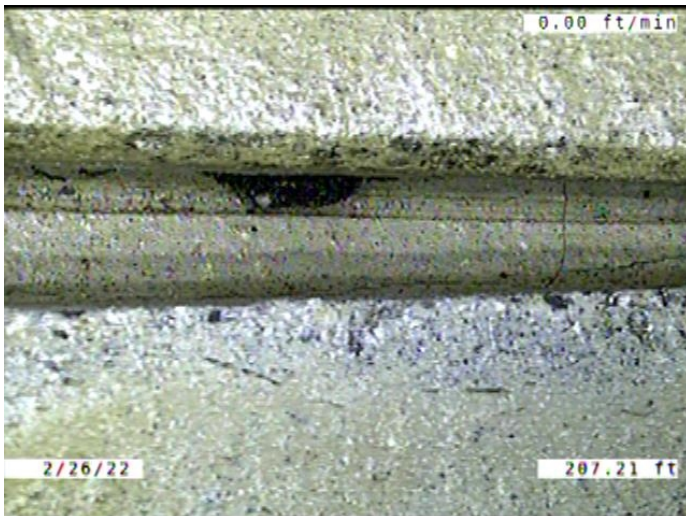
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **204.2**
 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:



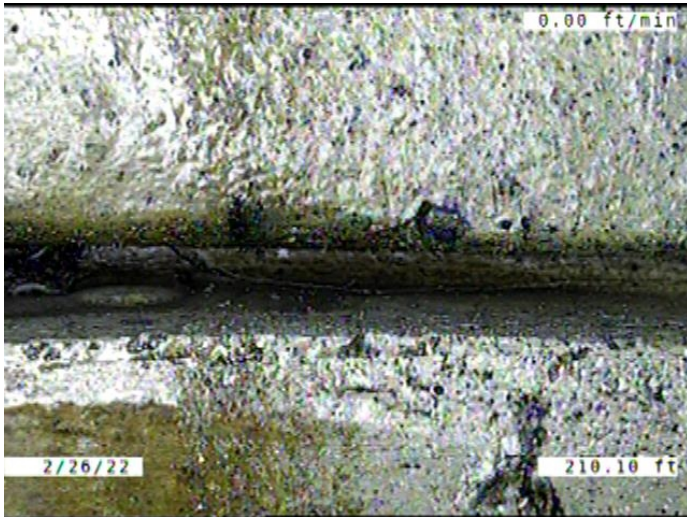
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **207.2**
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:



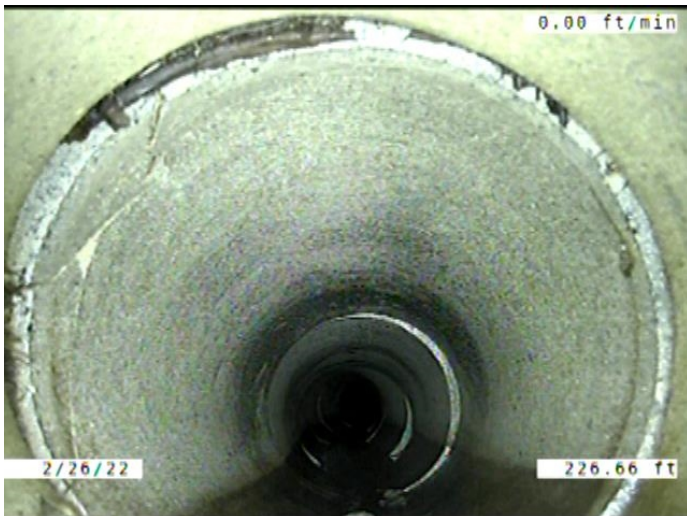
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **207.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



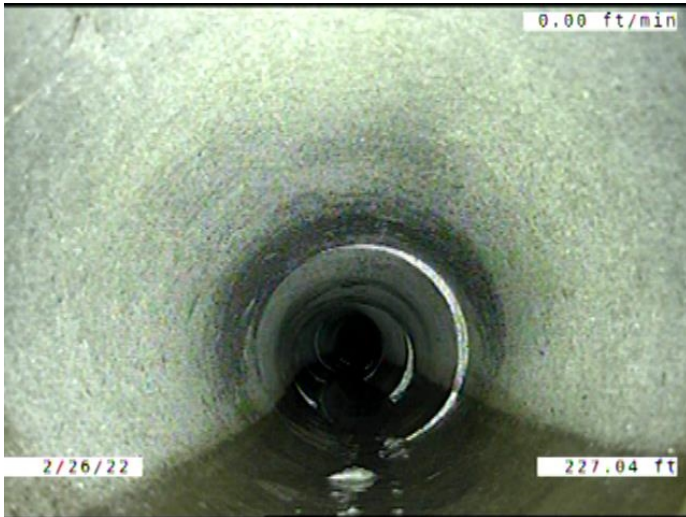
Code: **CS**
 Description: **Crack Spiral**

Distance (ft): **210.1**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



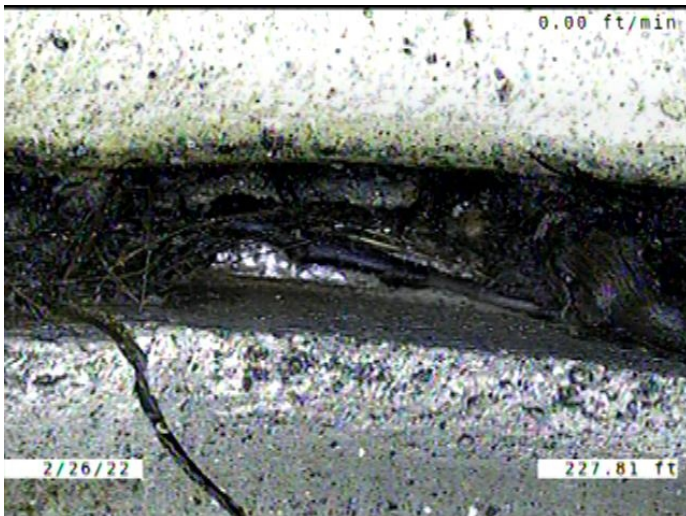
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **226.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **25.000**
 Continuous Index: **F06**
 Within 8" of Joint: **NO**
 Remarks:



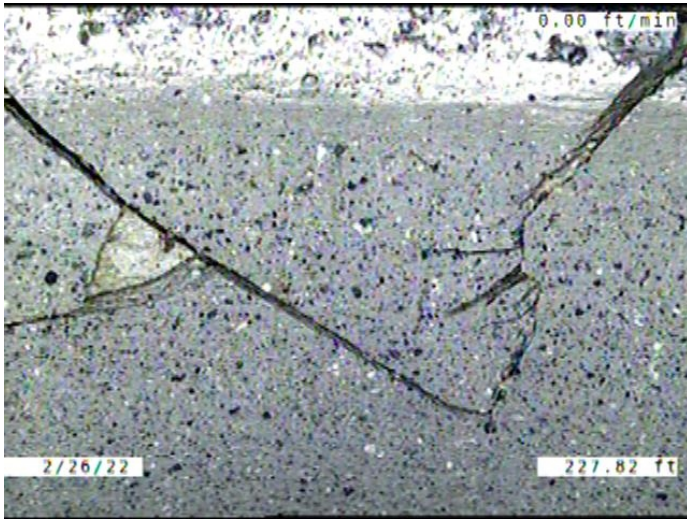
Code: **LLU**
Description: **Line Left Up**

Distance (ft): **227.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **227.8**
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:



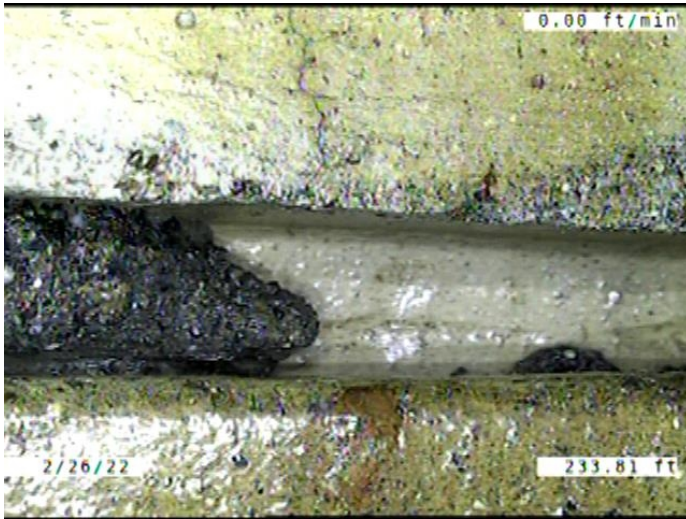
Code: **B**
 Description: **Broken**

Distance (ft): **227.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



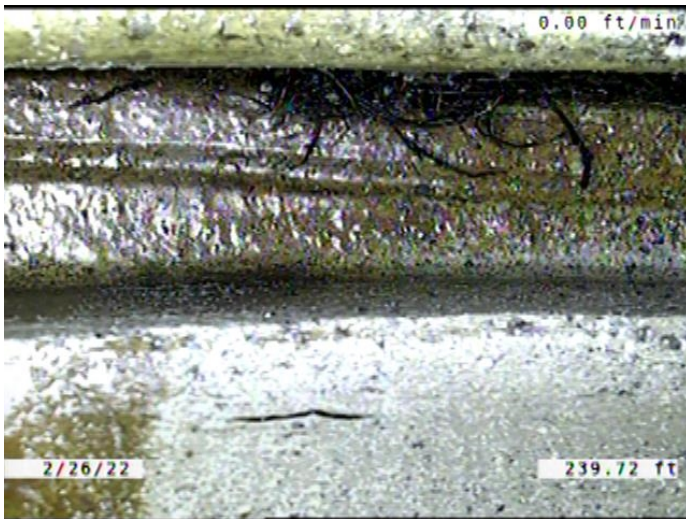
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **232.5**
 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:



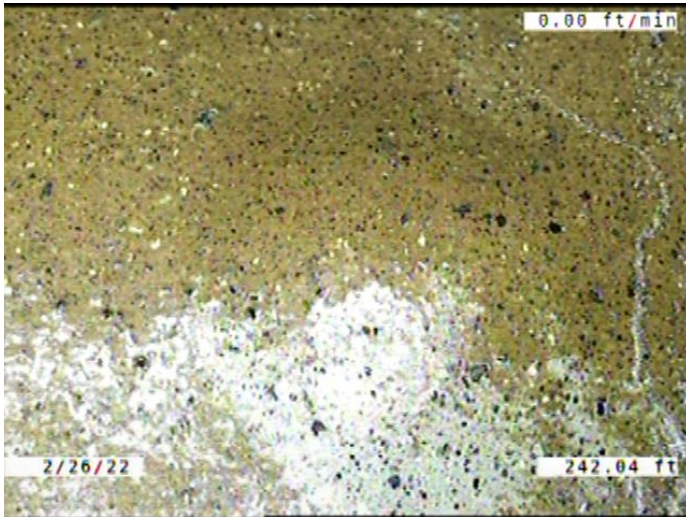
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **233.8**
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:



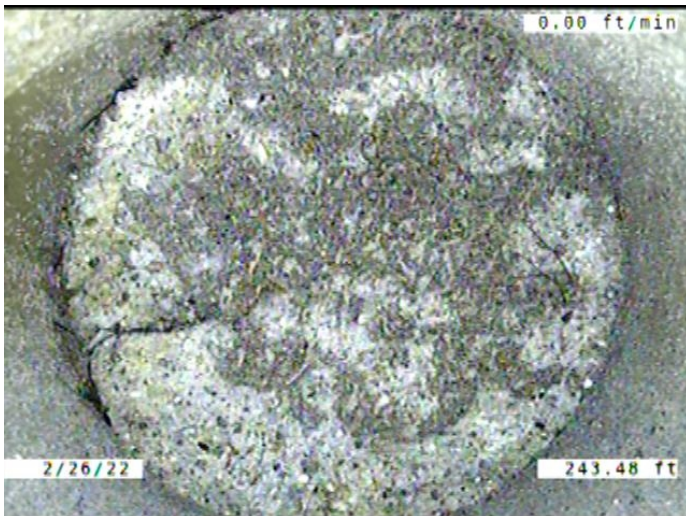
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **239.7**
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:



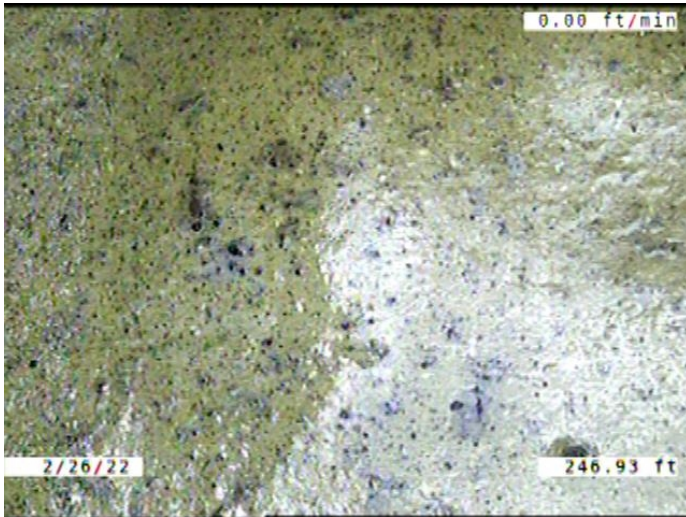
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **242.0**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 8**



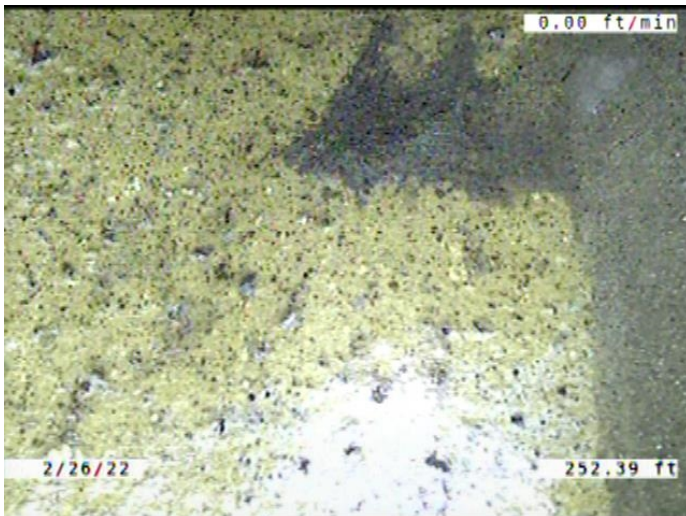
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **243.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING AROUND THE CAP**



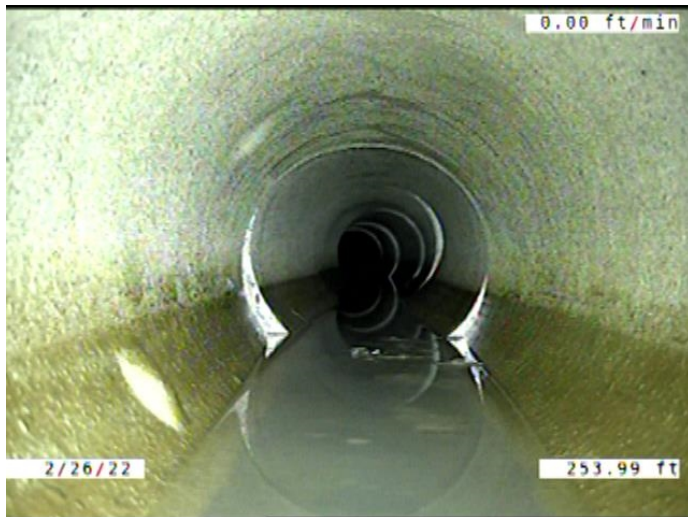
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **246.9**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 8**



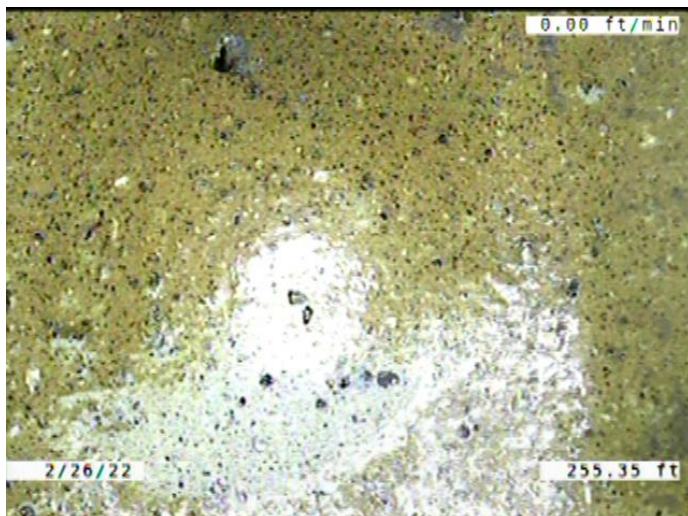
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **252.4**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 1**



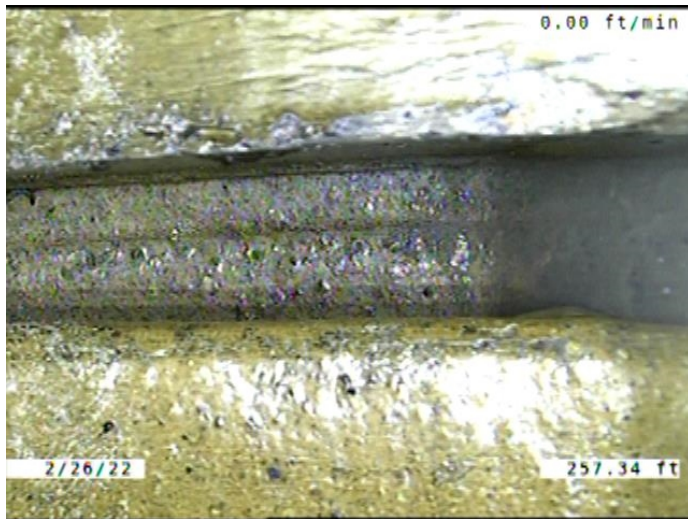
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **254.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S07**
 Within 8" of Joint: **NO**
 Remarks:



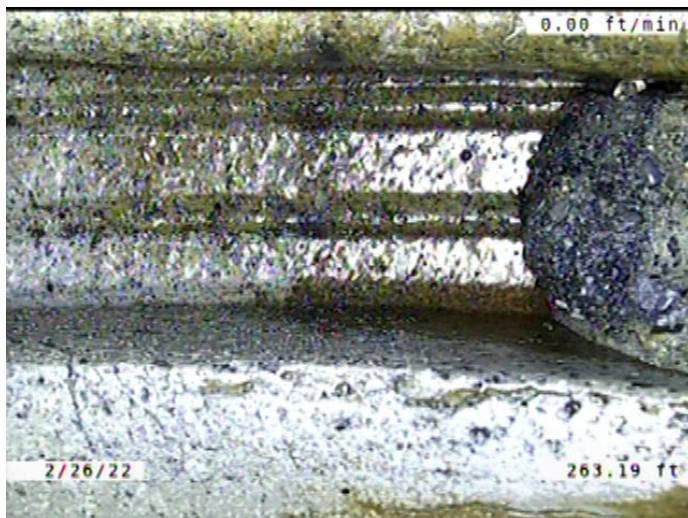
Code: **MGO**
 Description: **Miscellaneous General Observation**

Distance (ft): **255.4**
 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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 1**



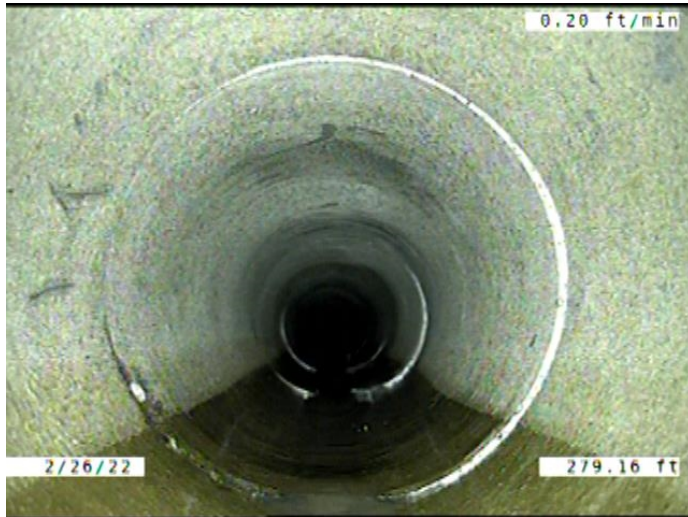
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **257.3**
 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: **JAL**
 Description: **Joint Angular Large**

Distance (ft): **263.2**
 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:



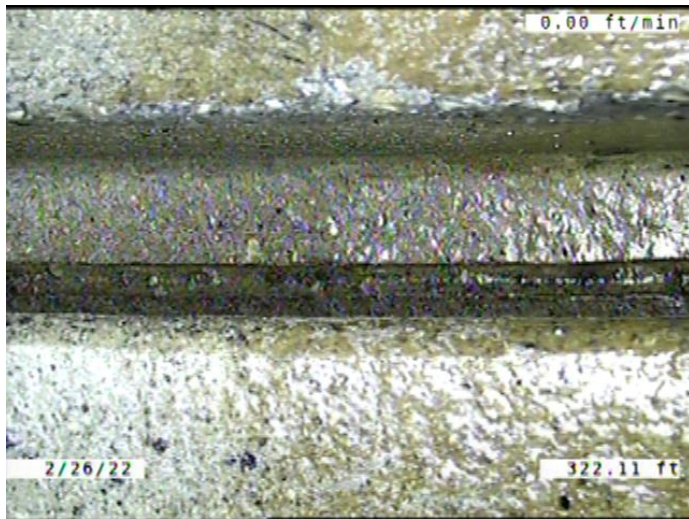
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **279.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F07**
 Within 8" of Joint: **NO**
 Remarks:



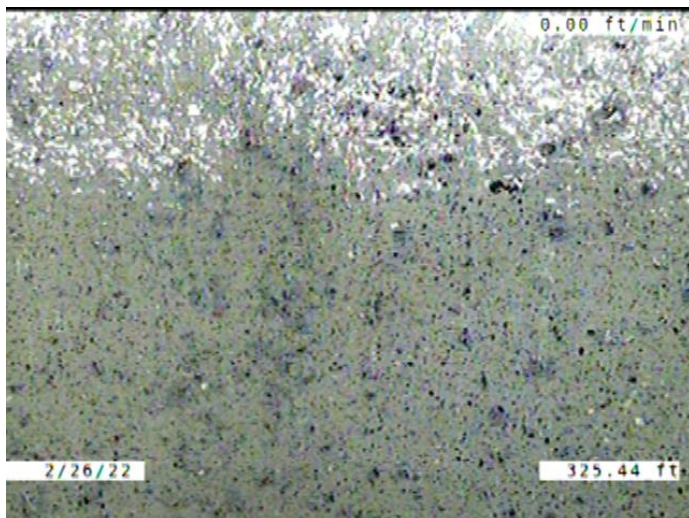
Code: **MGO**
 Description: **Miscellaneous General Observation**

Distance (ft): **298.8**
 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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY**



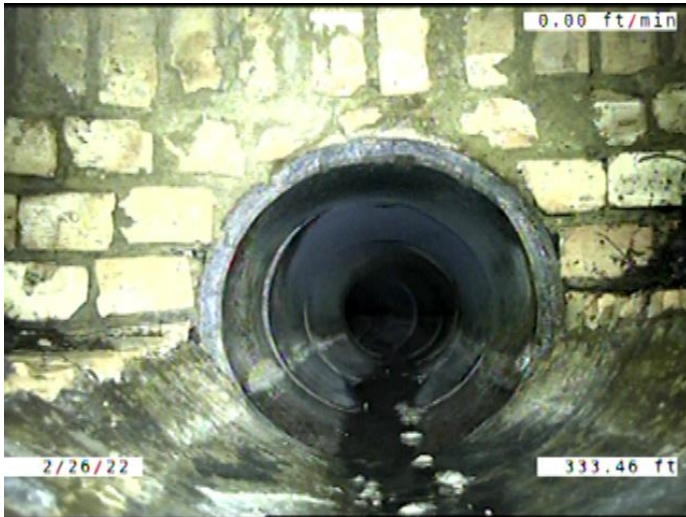
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **322.1**
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: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **325.4**
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: **MANUFACTURE DEFECT. BUBBLE ON THE INSIDE OF THE PIPE. ROUGHLY 9**



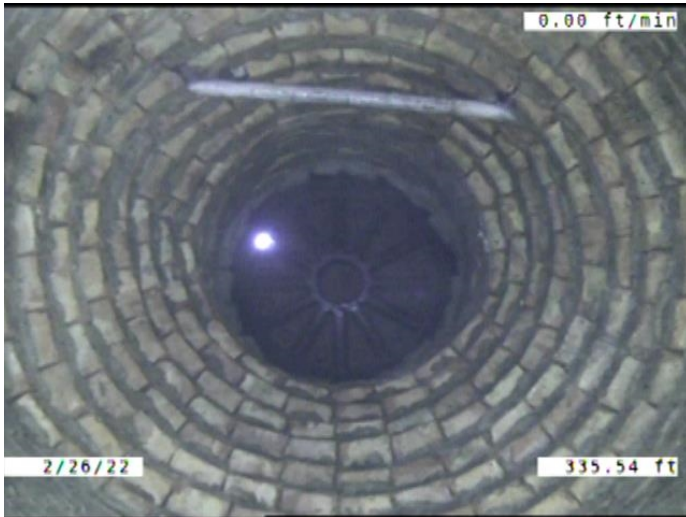
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **333.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **333.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	335.5
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-706-007.2