

# Profile/Photo Observation Report



Date:	<b>03/06/2024</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>338.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:		Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-405-042-041</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/21/2023</b>	Shape:	<b>C</b>

Street:	<b>SOFTWOOD DR</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Easement/Right of Way</b>	Tape/Media #:	
Purpose:	<b>Sewer System Evaluation Survey (SS)</b>	Dia/Height:	<b>8"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-405-041</b>	DS MH:	<b>M-405-042</b>
		Total Length Surveyed (ft):	<b>338.4</b>

O&M Index:	<b>1.96</b>	O&M Quick:	<b>4133</b>	O&M Rating:	<b>96.00</b>
Structural Index:	<b>3.10</b>	Structural Quick:	<b>4E3E</b>	Structural Rating:	<b>276.00</b>
Overall Index:	<b>2.70</b>	Overall Quick:	<b>4E3F</b>	Overall Rating:	<b>372.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	59	NA
	.0	RPR(S01)	Point Repair Replacement	74	NA
	12.6	LR	Line Right	155	M 1
	26.0	LL	Line Left	211	M 2
	28.3	TF	Tap Factory	239	NA
	31.0	MWLS(S02)	Miscellaneous Water Level Sag	269	S 3
	33.2	JOMD	Joint Offset Medium Defective	331	S 3
	33.2	JAM	Joint Angular Medium	338	S 3
	43.0	RPR(F01)	Point Repair Replacement	454	NA
	43.4	FM(S03)	Fracture Multiple	489	S 4
	44.9	DAE	Deposits Attached Encrustation	539	M 2
	48.5	JOMD	Joint Offset Medium Defective	655	S 3
	51.4	TFD	Tap Factory Defective	738	M 3
	53.4	FM(F03)	Fracture Multiple	802	S 4
	61.7	DAE	Deposits Attached Encrustation	893	M 2
	68.3	FC	Fracture Circumferential	981	S 2
	68.3	DAE	Deposits Attached Encrustation	991	M 2
	71.1	FM	Fracture Multiple	1076	S 4

71.6	DAE(S04)	Deposits Attached Encrustation	1087	M 2
75.5	FM	Fracture Multiple	1172	S 4
81.9	CL	Crack Longitudinal	1227	S 2
85.2	B	Broken	1291	S 4
85.7	RFJ	Roots Fine Joint	1307	M 1
85.7	MWLS(F02)	Miscellaneous Water Level Sag	1324	S 3
85.7	MWL	Miscellaneous Water Level	1331	NA
92.0	RFJ	Roots Fine Joint	1404	M 1
92.0	CM	Crack Multiple	1416	S 3
97.2	RPR(S05)	Point Repair Replacement	1487	NA
97.2	DAE(F04)	Deposits Attached Encrustation	1500	M 2
114.7	TF	Tap Factory	1583	NA
115.4	RPR(F05)	Point Repair Replacement	1636	NA
124.9	DAR	Deposits Attached Ragging	1687	M 2
125.1	MWLS(S06)	Miscellaneous Water Level Sag	1699	S 2
128.1	B	Broken	1771	S 4
128.1	JOMD	Joint Offset Medium Defective	1785	S 3
130.6	DAE	Deposits Attached Encrustation	1847	M 2
133.6	FM	Fracture Multiple	1925	S 4
139.7	B	Broken	1989	S 4
139.7	RFB	Roots Fine Barrel	1999	M 2
140.4	ISB	Infiltration Stain Barrel	2012	M 1
142.1	CM	Crack Multiple	2114	S 3
144.8	MWLS(F06)	Miscellaneous Water Level Sag	2139	S 2
149.0	FM	Fracture Multiple	2181	S 4
151.9	JOMD	Joint Offset Medium Defective	2242	S 3
151.9	B	Broken	2305	S 4
158.1	CM	Crack Multiple	2393	S 3
166.5	CS	Crack Spiral	2466	S 2
166.5	ISB	Infiltration Stain Barrel	2476	M 1
170.4	CL	Crack Longitudinal	2518	S 2
173.3	JOMD	Joint Offset Medium Defective	2580	S 3
173.3	DAE	Deposits Attached Encrustation	2628	M 2
173.3	B	Broken	2643	S 4
181.8	FM	Fracture Multiple	2760	S 4
181.8	ISB	Infiltration Stain Barrel	2775	M 1
184.8	RPR(S07)	Point Repair Replacement	2831	NA
187.2	TF	Tap Factory	2860	NA
187.2	MWLS(S08)	Miscellaneous Water Level Sag	2875	S 2
191.1	RPR(F07)	Point Repair Replacement	2940	NA
191.1	CL	Crack Longitudinal	2957	S 2
200.0	JOMD	Joint Offset Medium Defective	3058	S 3

200.0	IRJ	Infiltration Runner Joint	3085	M 4
202.3	TFD	Tap Factory Defective	3156	M 3
202.3	MWLS(F08)	Miscellaneous Water Level Sag	3169	S 2
206.0	CL	Crack Longitudinal	3207	S 2
206.0	DAE	Deposits Attached Encrustation	3231	M 2
208.8	FM	Fracture Multiple	3295	S 4
212.7	DAE	Deposits Attached Encrustation	3399	M 2
212.7	B	Broken	3417	S 4
218.9	FM	Fracture Multiple	3499	S 4
218.9	ISB	Infiltration Stain Barrel	3512	M 1
220.4	DAE(S09)	Deposits Attached Encrustation	3594	M 2
220.4	FM	Fracture Multiple	3637	S 4
224.4	CL	Crack Longitudinal	3736	S 2
230.4	CM	Crack Multiple	3834	S 3
230.4	CL	Crack Longitudinal	3849	S 2
230.4	CS	Crack Spiral	3862	S 2
233.2	CM	Crack Multiple	3957	S 3
236.6	CL	Crack Longitudinal	4003	S 2
236.6	CL	Crack Longitudinal	4027	S 2
238.9	CS	Crack Spiral	4073	S 2
244.6	CS	Crack Spiral	4143	S 2
244.6	CM	Crack Multiple	4175	S 3
247.6	FM	Fracture Multiple	4252	S 4
249.8	TBD	Tap Break-in/Hammer Defective	4313	M 3
260.4	JOMD	Joint Offset Medium Defective	4417	S 3
260.4	CL	Crack Longitudinal	4445	S 2
260.4	CM	Crack Multiple	4470	S 3
263.0	FM(S10)	Fracture Multiple	4526	S 4
268.8	JOMD	Joint Offset Medium Defective	4627	S 3
275.1	JOMD	Joint Offset Medium Defective	4717	S 3
284.0	CS	Crack Spiral	4819	S 2
287.4	TFC	Tap Factory Capped	4869	NA
293.9	JOMD(S11)	Joint Offset Medium Defective	4965	S 3
293.9	CS	Crack Spiral	4995	S 2
296.0	B	Broken	5104	S 4
299.2	B	Broken	5170	S 4
320.5	FM(F10)	Fracture Multiple	5352	S 4
324.3	JOMD(F11)	Joint Offset Medium Defective	5382	S 3
326.8	FM	Fracture Multiple	5474	S 4
336.0	DAE(F09)	Deposits Attached Encrustation	5571	M 2
338.4	AMH	Manhole	5694	NA



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-405-042**



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: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **RPR**  
Description: **Point Repair Replacement**

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

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

Distance (ft): **12.6**  
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:

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

Distance (ft): **26.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

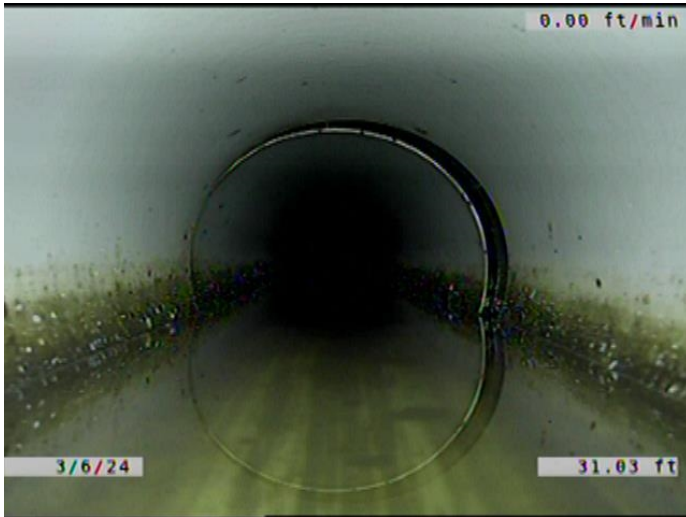
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Code: **TF**  
Description: **Tap Factory**

Distance (ft): **28.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **TAP PVC. SERVICE VCP.**

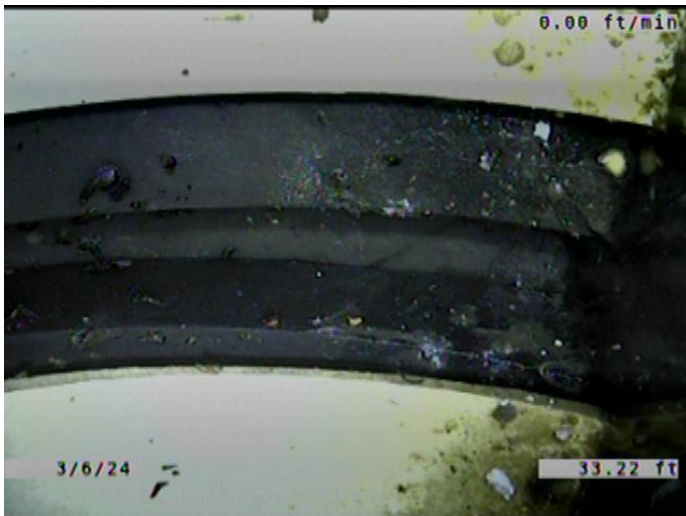
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **31.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

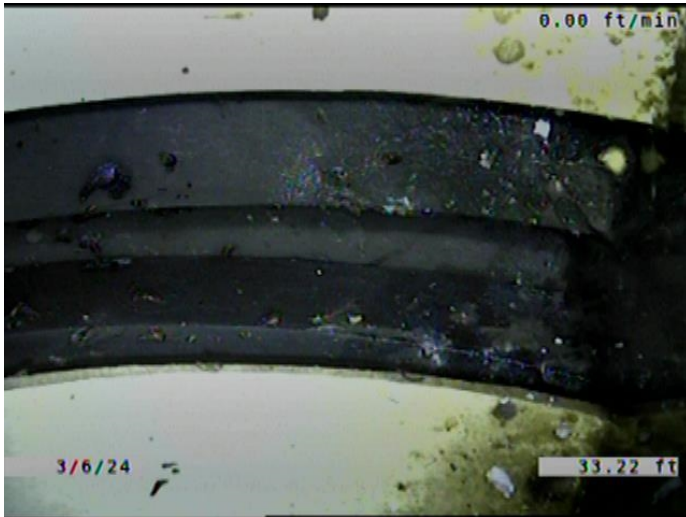
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Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **33.2**  
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:

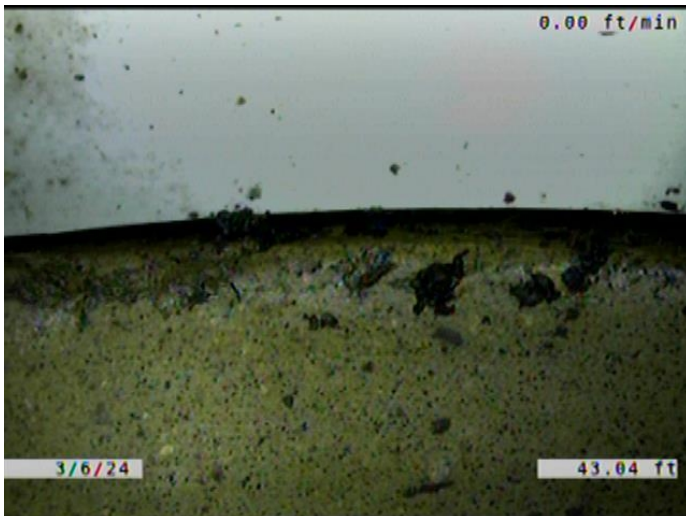
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Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **33.2**  
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:

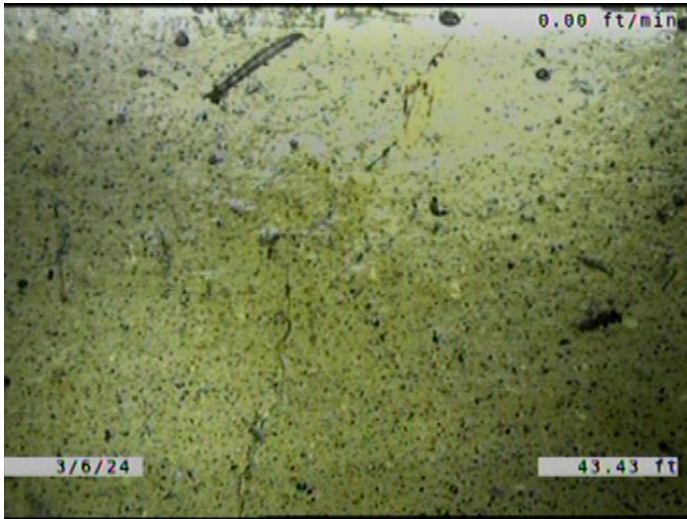
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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **43.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

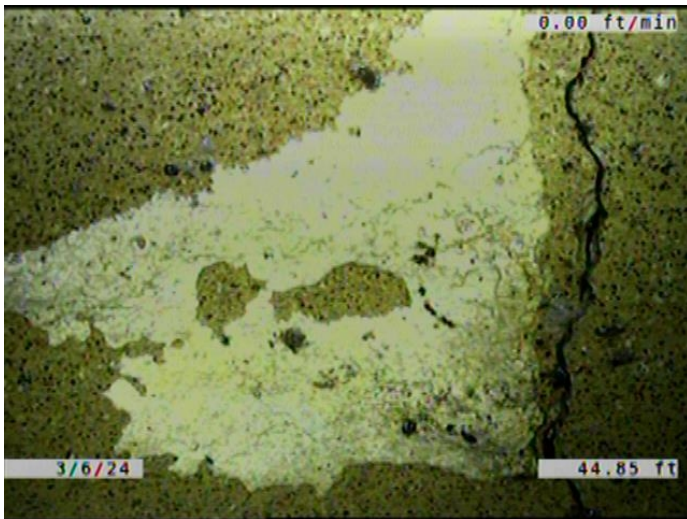
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **43.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

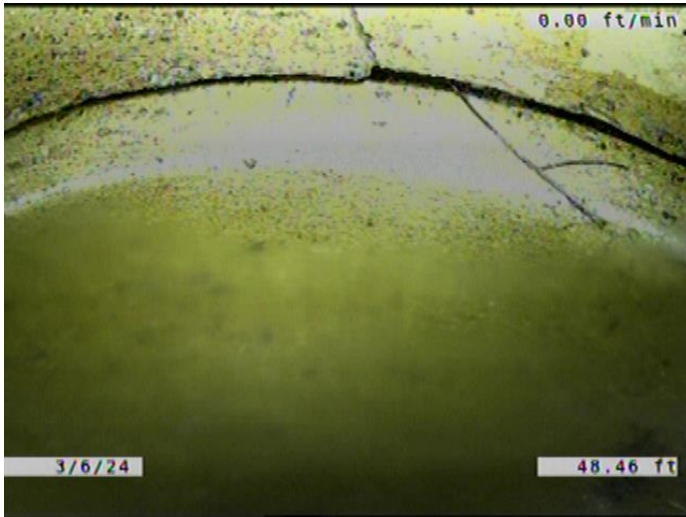
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

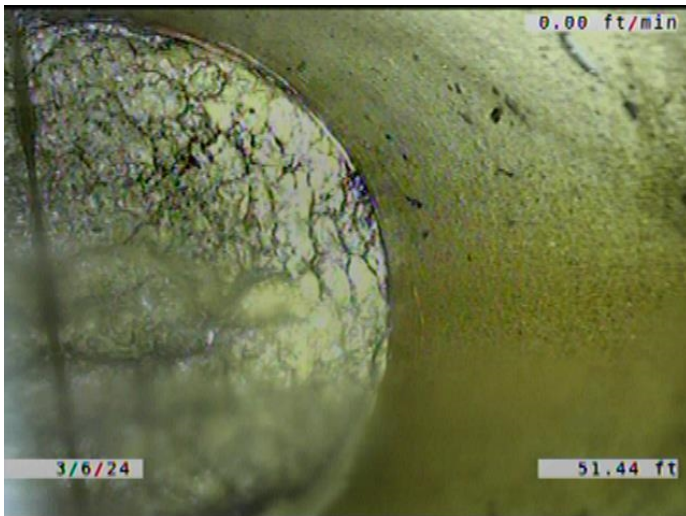
Distance (ft): **44.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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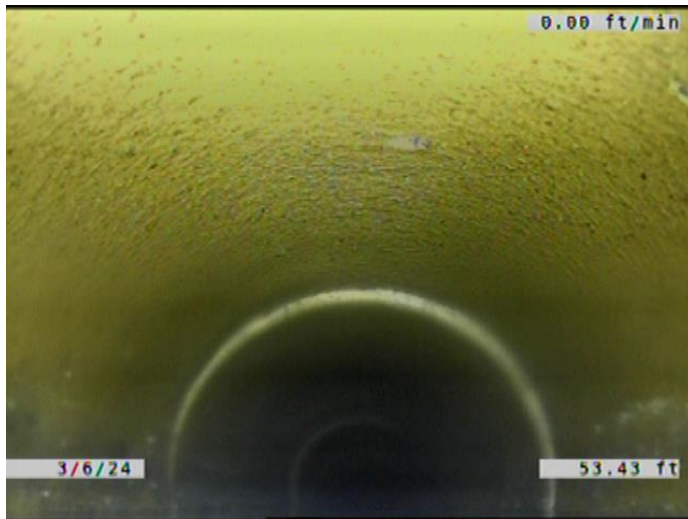
Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **48.5**  
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: **TFD**  
Description: **Tap Factory Defective**

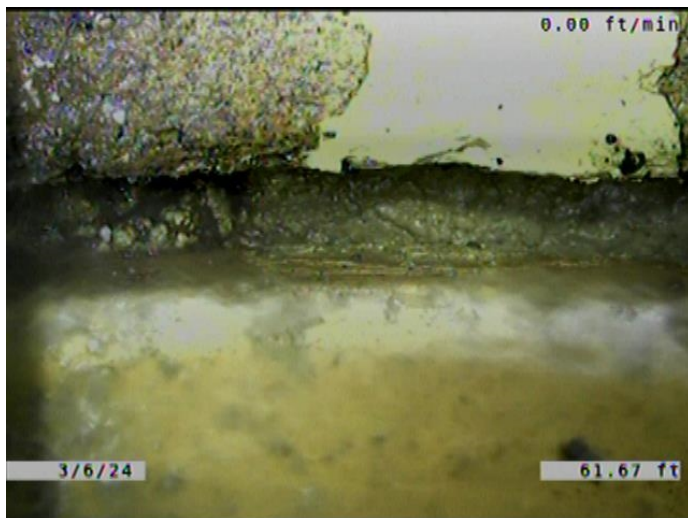
Distance (ft): **51.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **9**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS TO BE PLUGGED WITH ENCRUSTATION.**



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

Distance (ft): **53.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

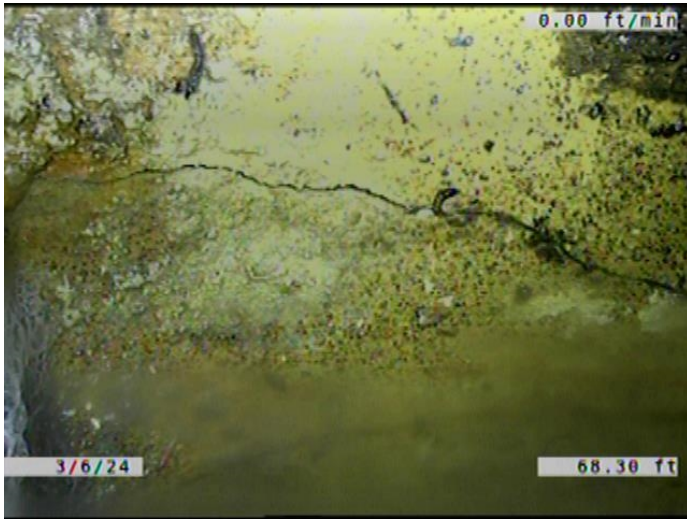
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **61.7**  
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:

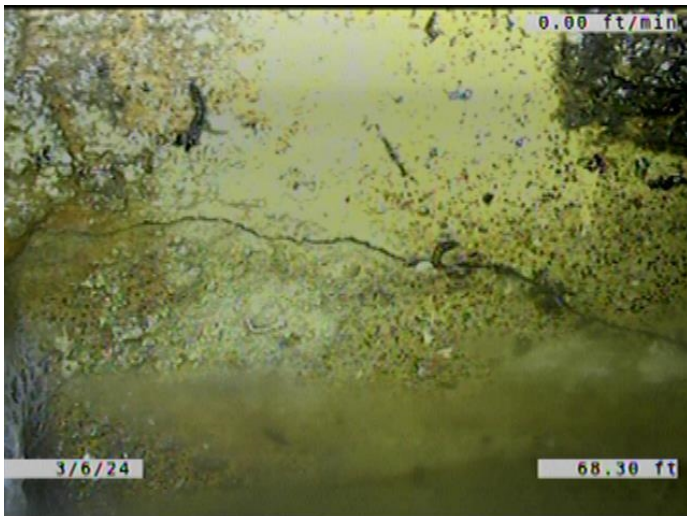
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Code: **FC**  
Description: **Fracture Circumferential**

Distance (ft): **68.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

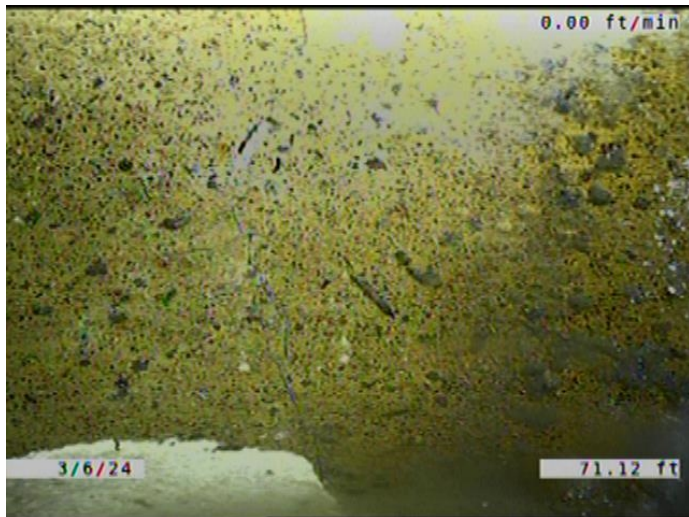
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

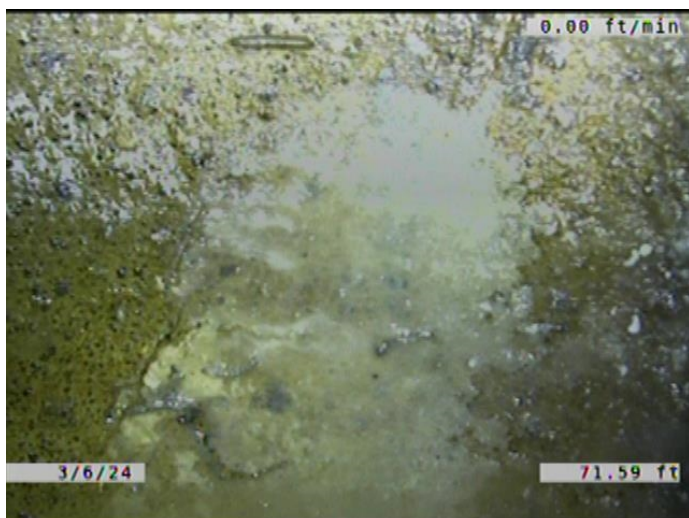
Distance (ft): **68.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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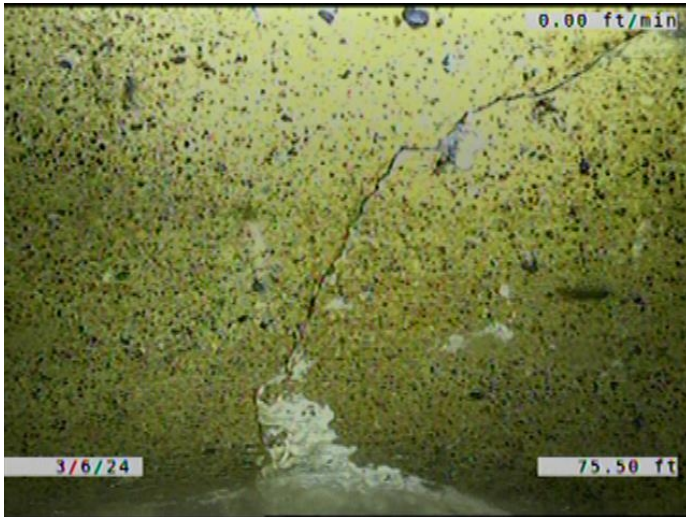
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **71.1**  
 Structural Grade: **4**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

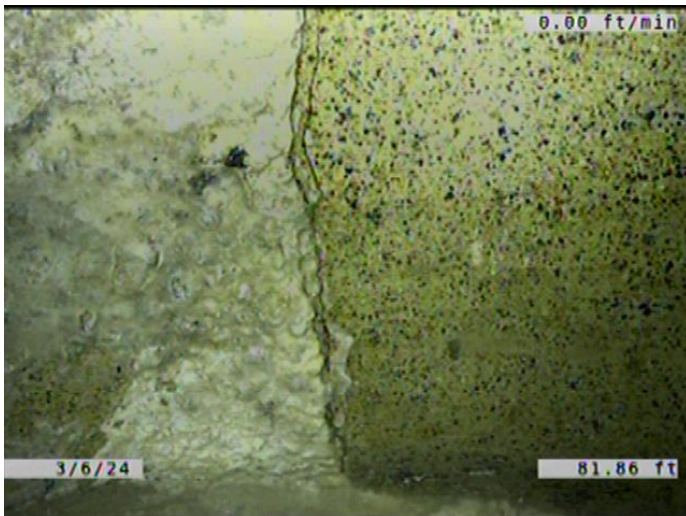
Distance (ft): **71.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **75.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

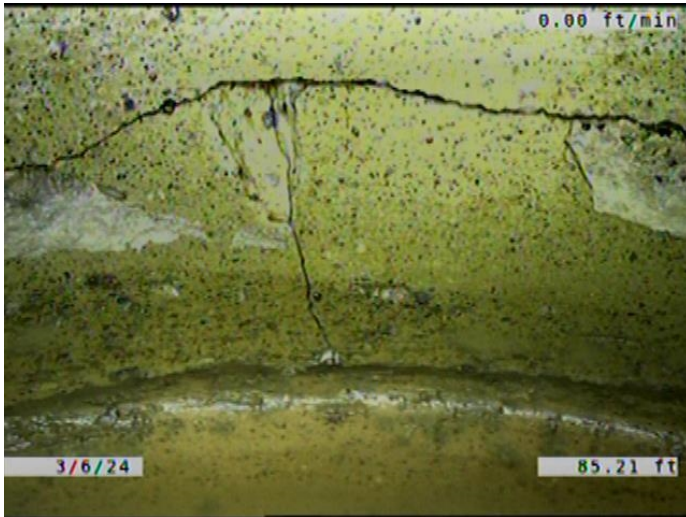
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Code: **CL**  
Description: **Crack Longitudinal**

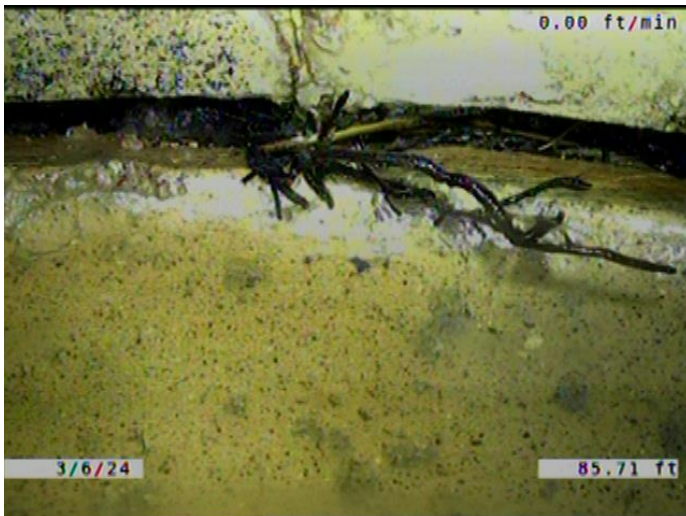
Distance (ft): **81.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **85.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **85.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 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): **85.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

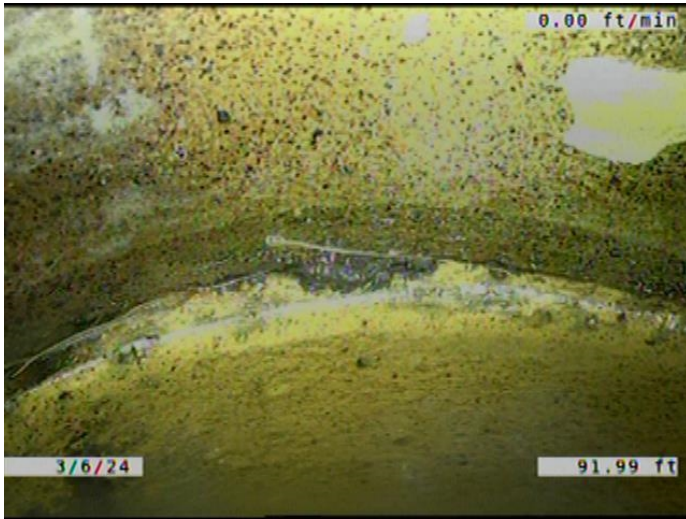
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Code: **MWL**  
Description: **Miscellaneous Water Level**

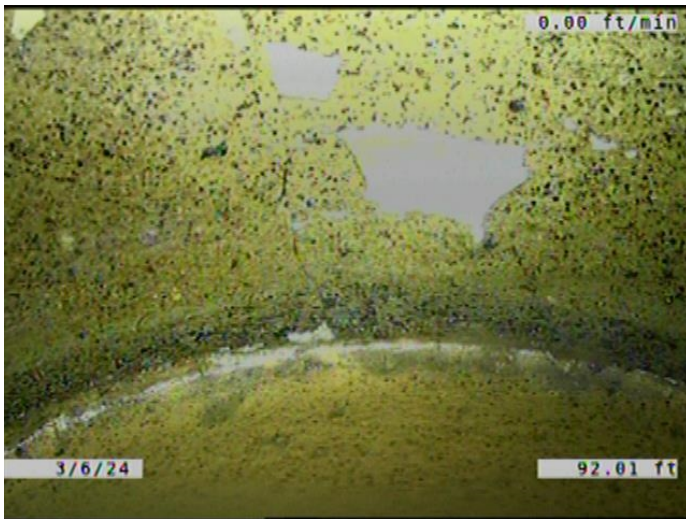
Distance (ft): **85.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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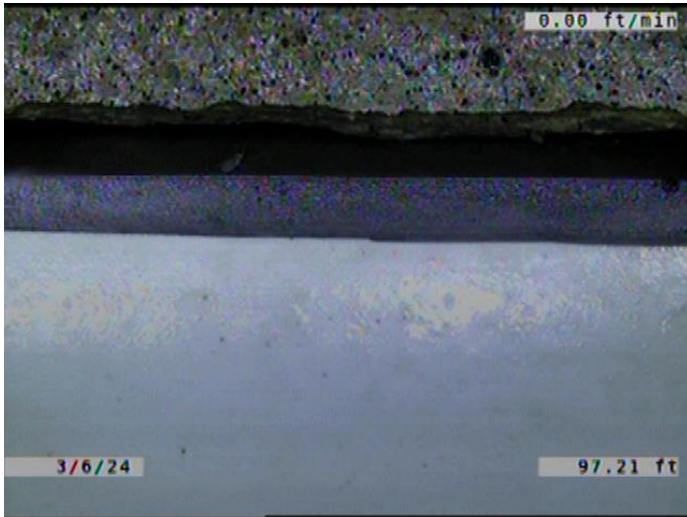
Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **92.0**  
 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: **YES**  
 Remarks:



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

Distance (ft): **92.0**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **97.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S05**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

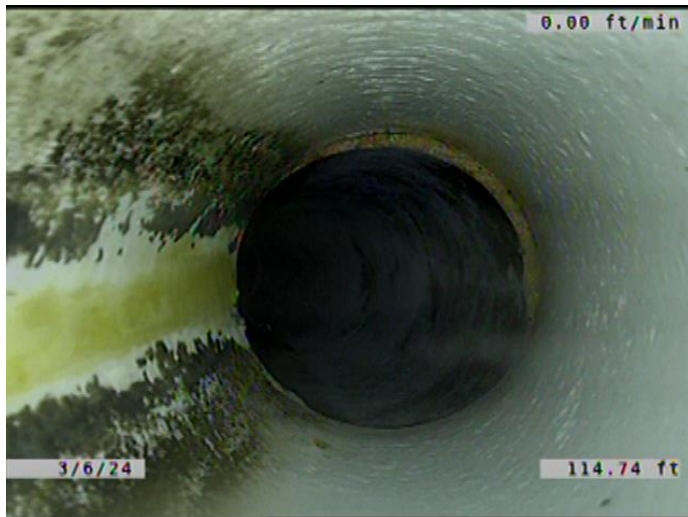
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **97.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

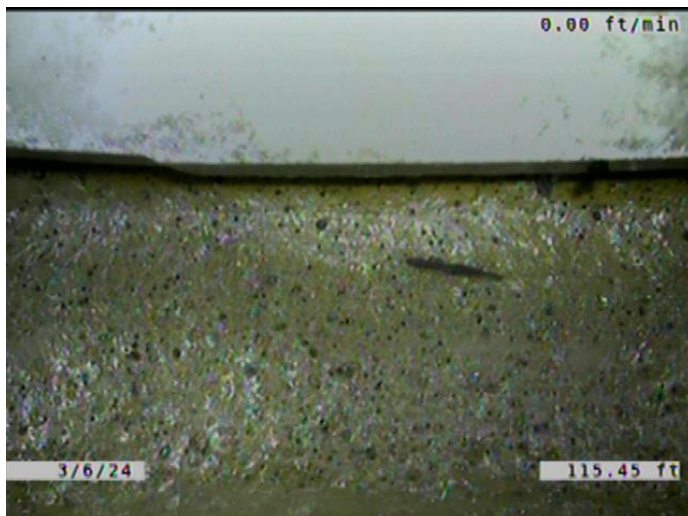
---



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

Distance (ft): **114.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **TAP PVC. SERVICE VCP.**

---



Code: **RPR**  
Description: **Point Repair Replacement**

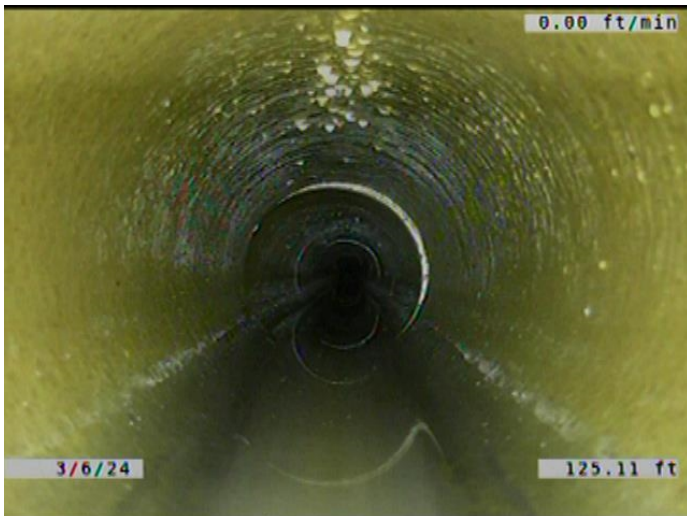
Distance (ft): **115.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F05**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

---



Code: **DAR**  
 Description: **Deposits Attached Ragging**

Distance (ft): **124.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **125.1**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S06**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **128.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

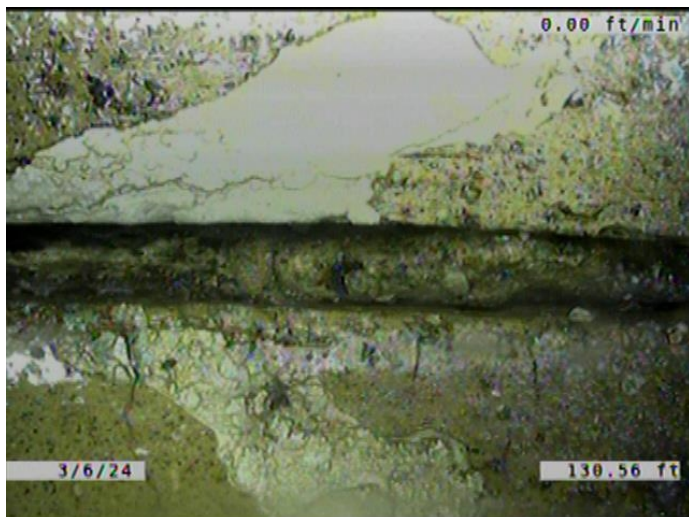
---



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

Distance (ft): **128.1**  
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:

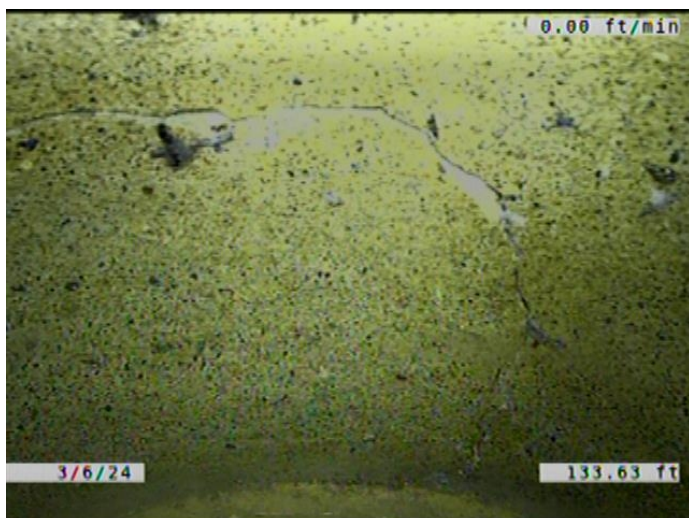
---



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

Distance (ft): **130.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

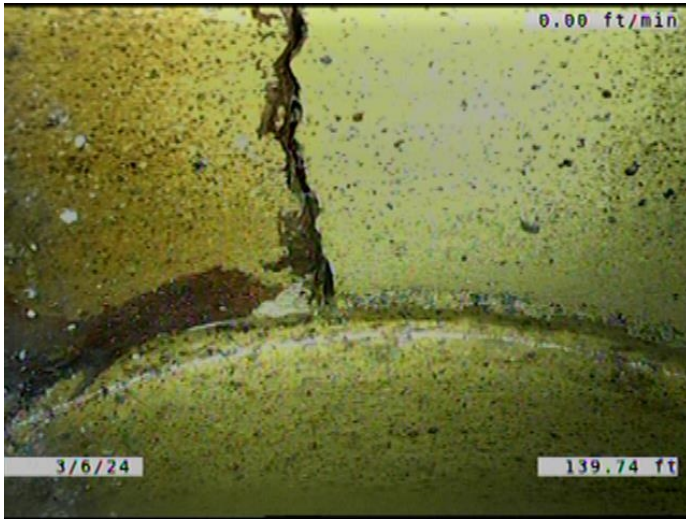
---



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

Distance (ft): **133.6**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

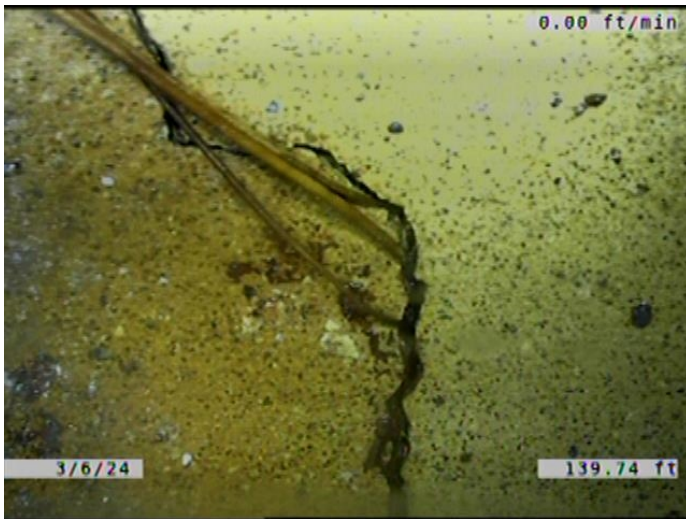
---



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

Distance (ft): **139.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

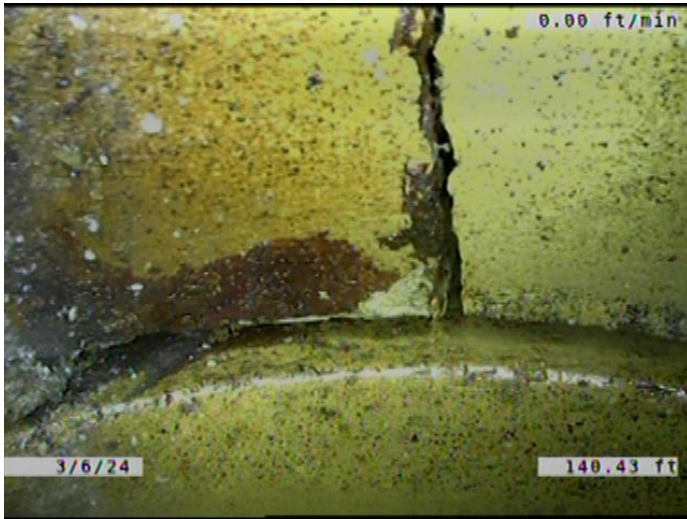
---



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

Distance (ft): **139.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

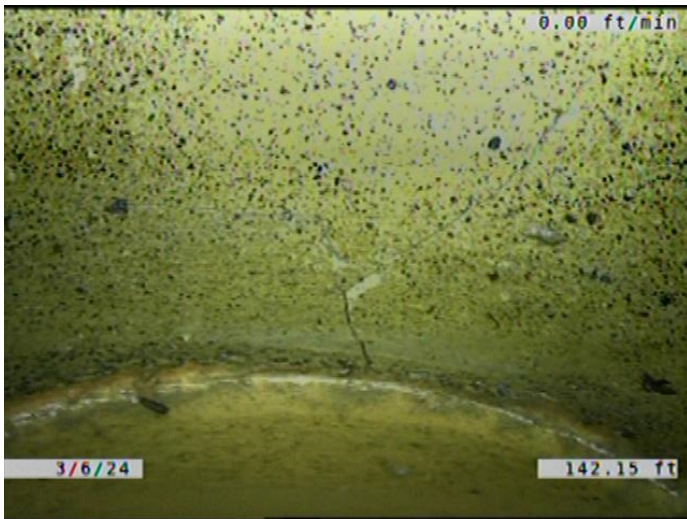
---



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

Distance (ft): **140.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

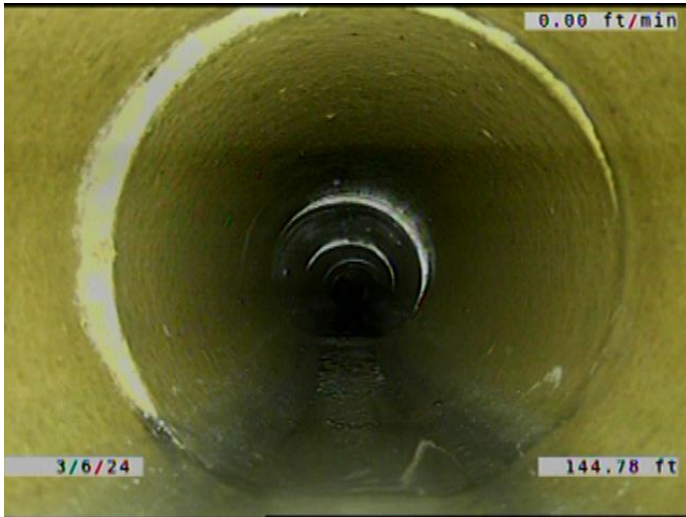
---



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

Distance (ft): **142.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

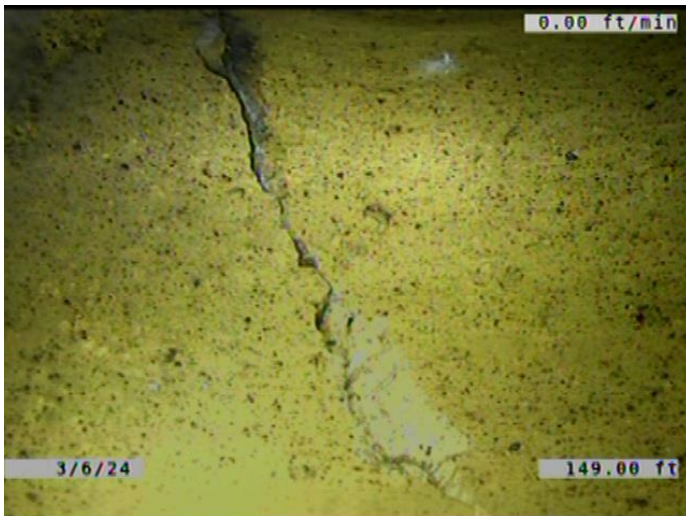
---



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

Distance (ft): **144.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

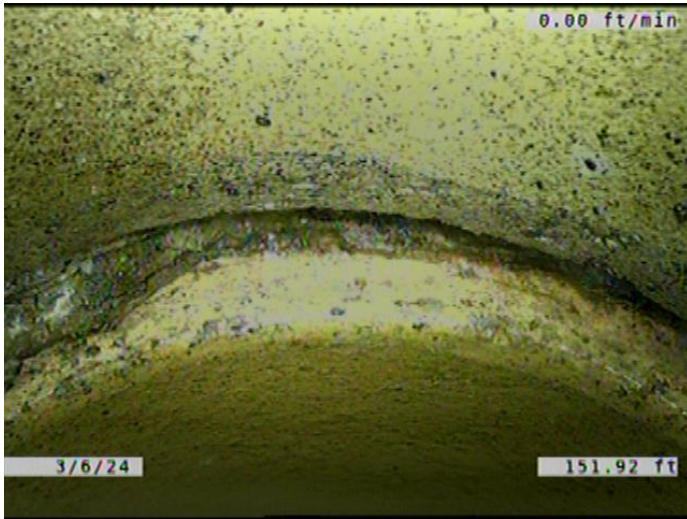
---



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

Distance (ft): **149.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

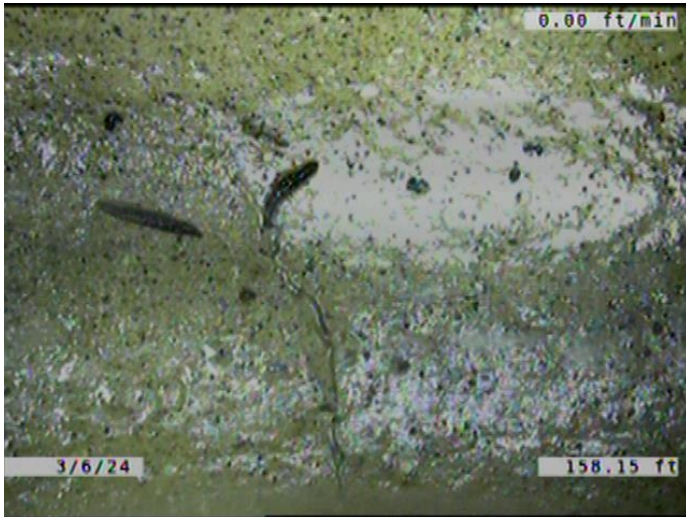
Distance (ft): **151.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

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

Distance (ft): **151.9**  
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:

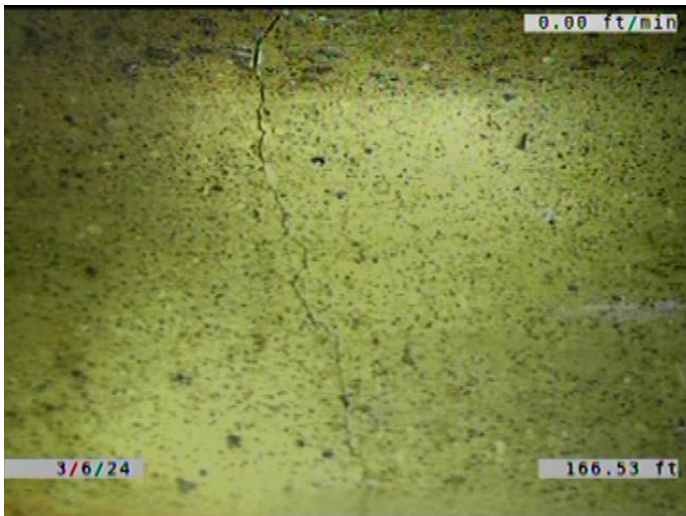
---



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

Distance (ft): **158.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

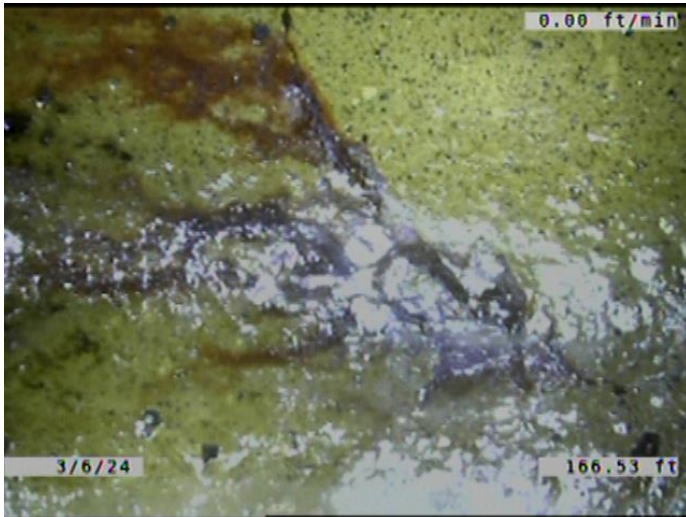
---



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

Distance (ft): **166.5**  
Structural Grade: **2**  
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:

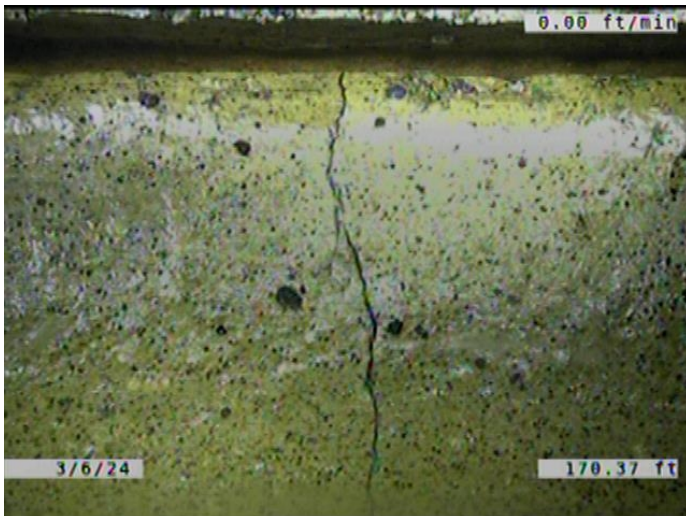
---



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

Distance (ft): **166.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

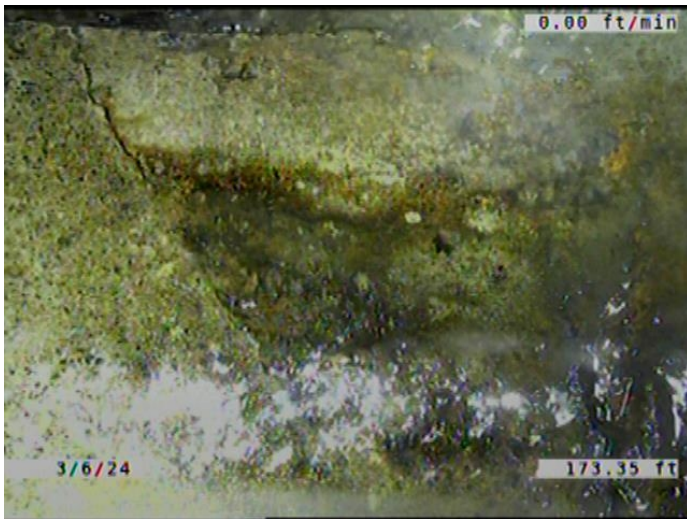
Distance (ft): **170.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



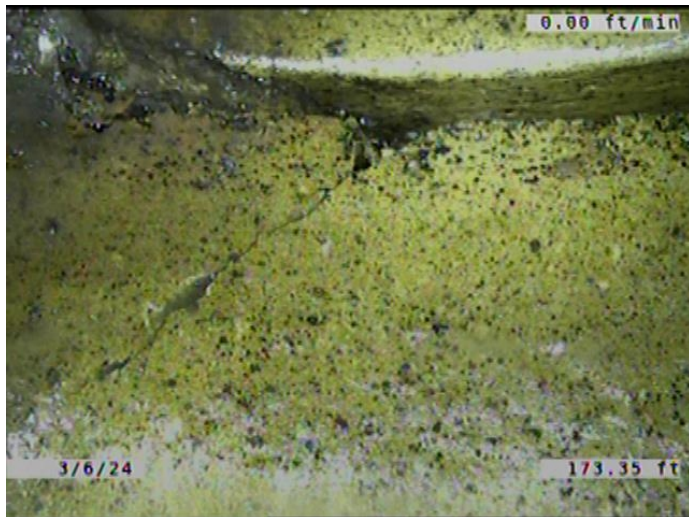
Code: **JOMD**  
 Description: **Joint Offset Medium Defective**

Distance (ft): **173.3**  
 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:



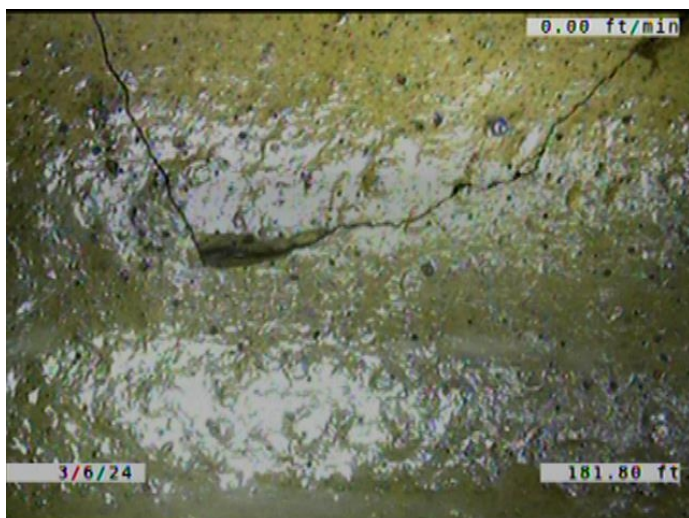
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **173.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



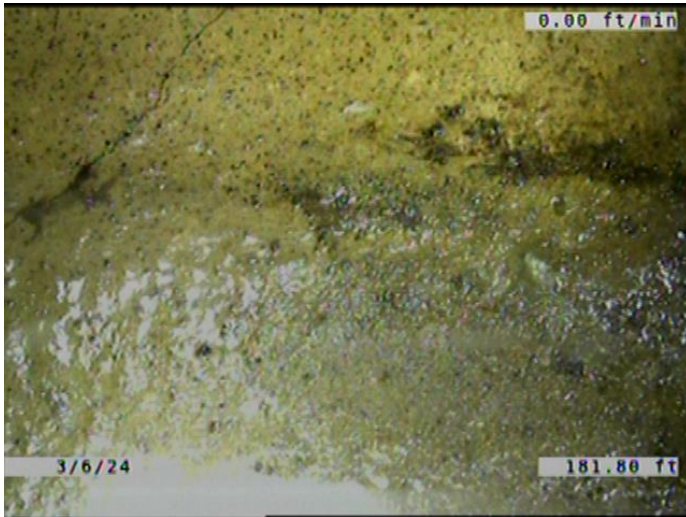
Code: **B**  
 Description: **Broken**

Distance (ft): **173.3**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **4**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

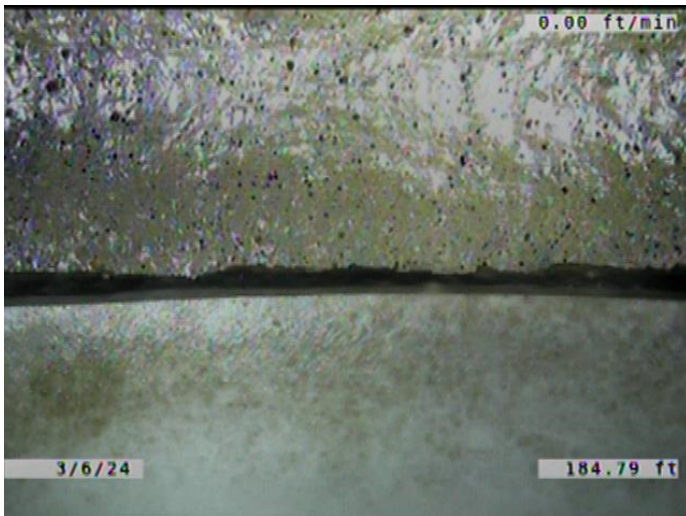
Distance (ft): **181.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **181.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

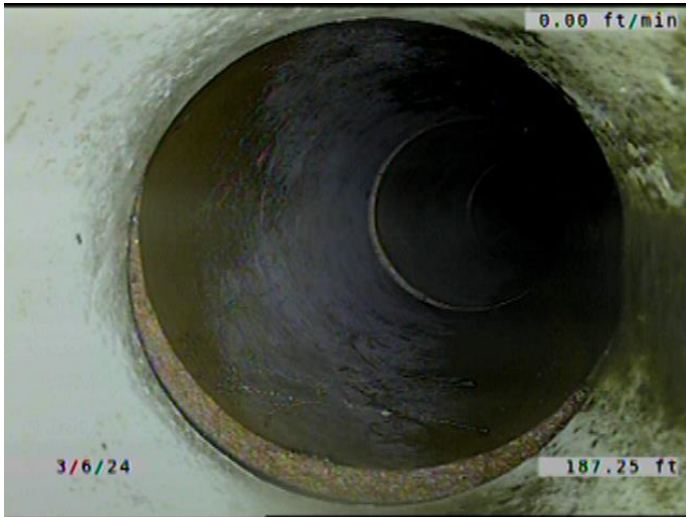
---



Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **184.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S07**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

---



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

Distance (ft): **187.2**  
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: **TAP PVC. SERVICE IS VCP.**

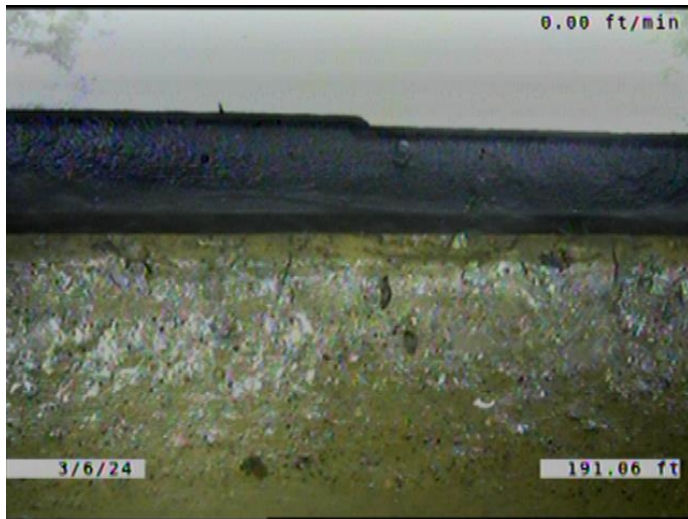
---



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

Distance (ft): **187.2**  
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:

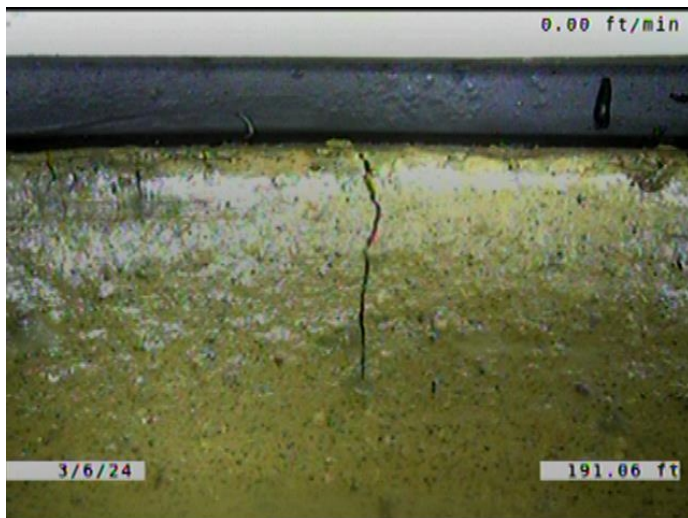
---



Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **191.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F07**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

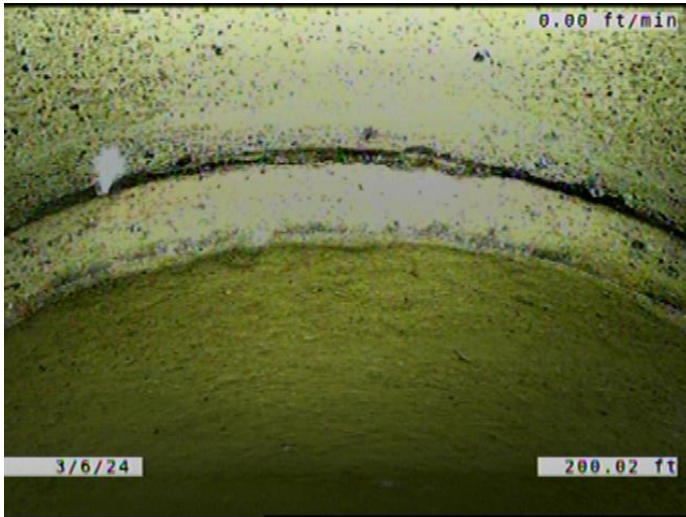
---



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

Distance (ft): **191.1**  
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:

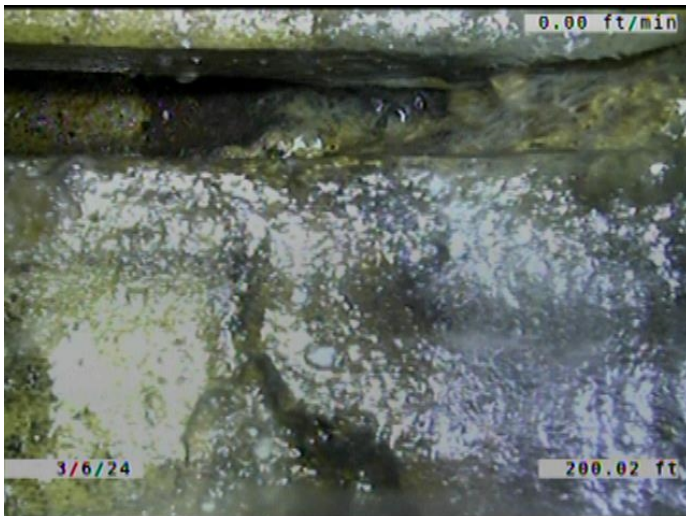
---



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

Distance (ft): **200.0**  
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:

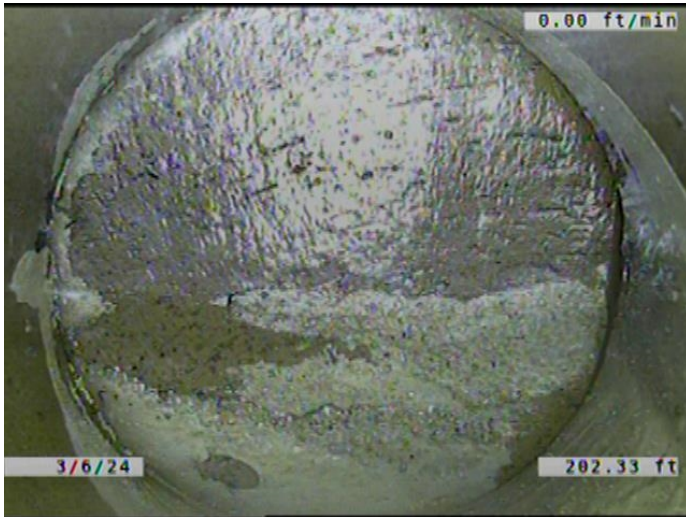
---



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

Distance (ft): **200.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **7**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **202.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAPPED. ENCRUSTATION COMING AROUND THE CAP INTO THE MAIN.**

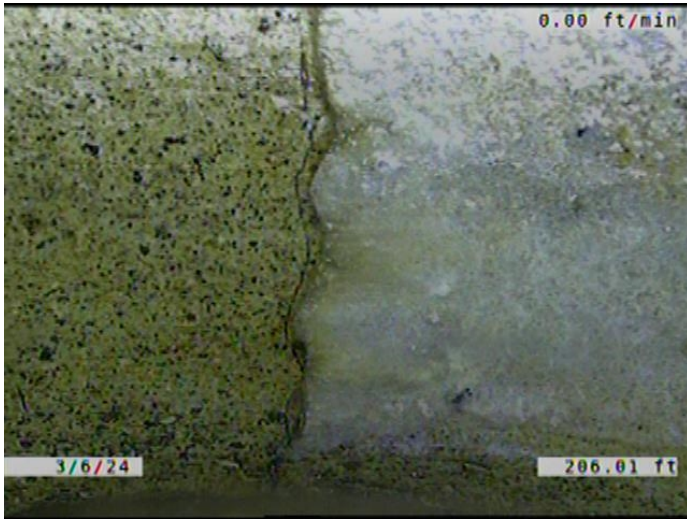
---



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

Distance (ft): **202.3**  
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:

---



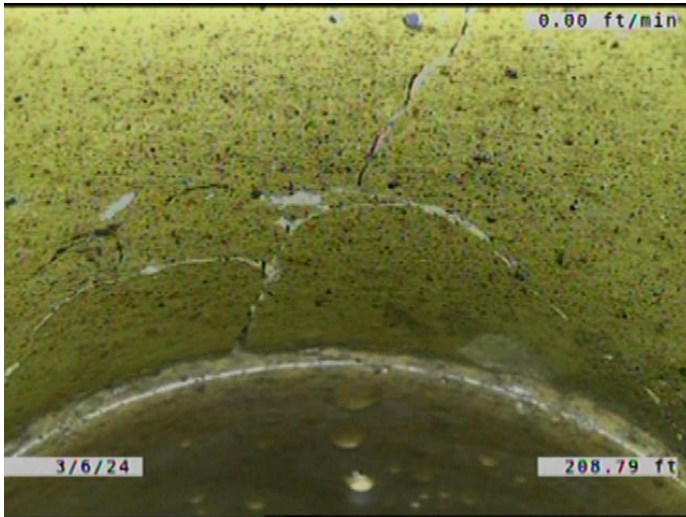
Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **206.0**  
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:



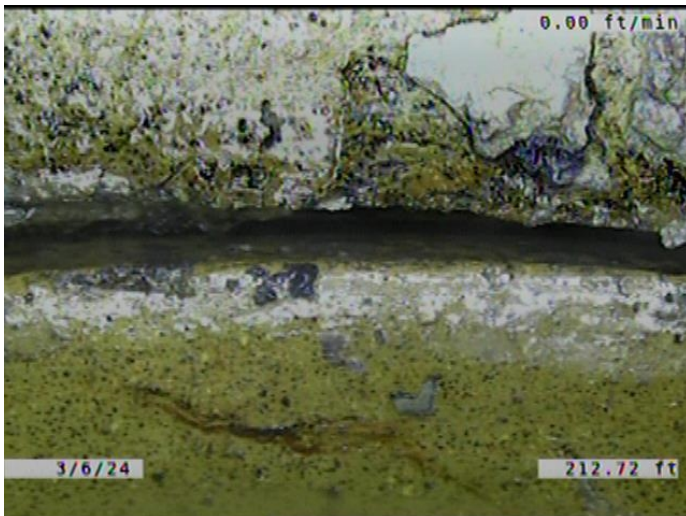
Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **206.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



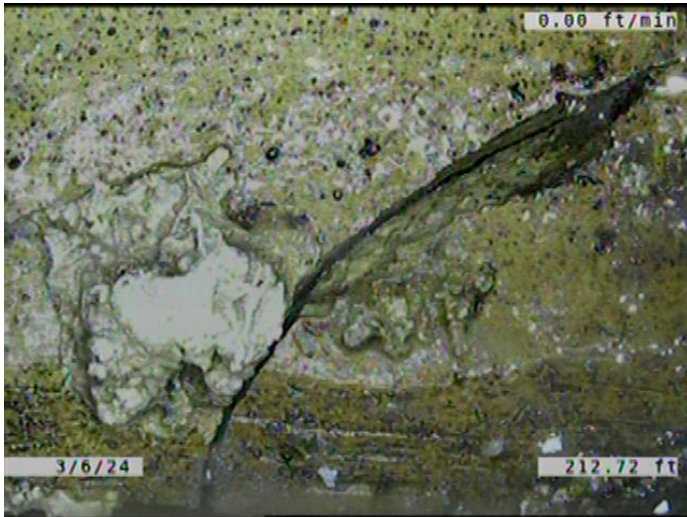
Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **208.8**  
Structural Grade: **4**  
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: **DAE**  
Description: **Deposits Attached Encrustation**

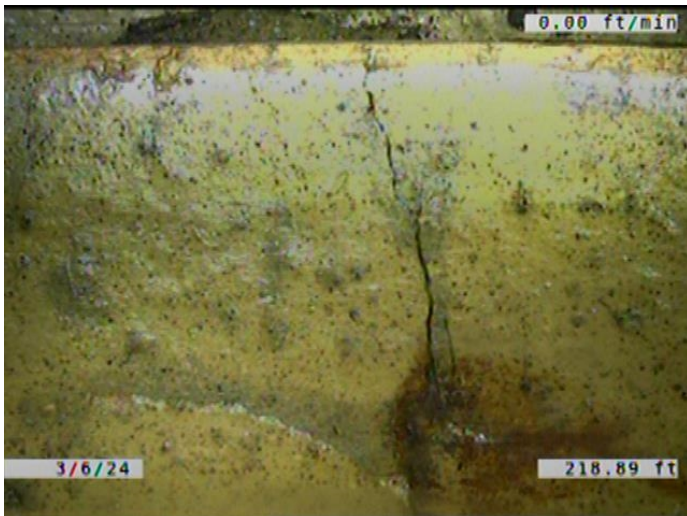
Distance (ft): **212.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

Distance (ft): **212.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

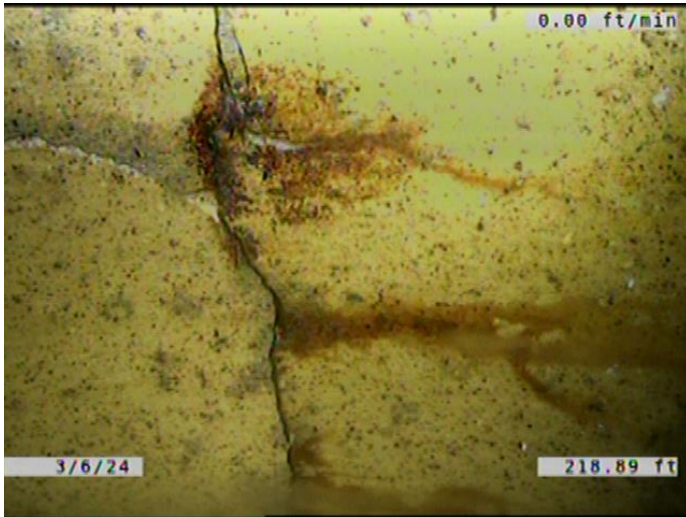
---



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

Distance (ft): **218.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

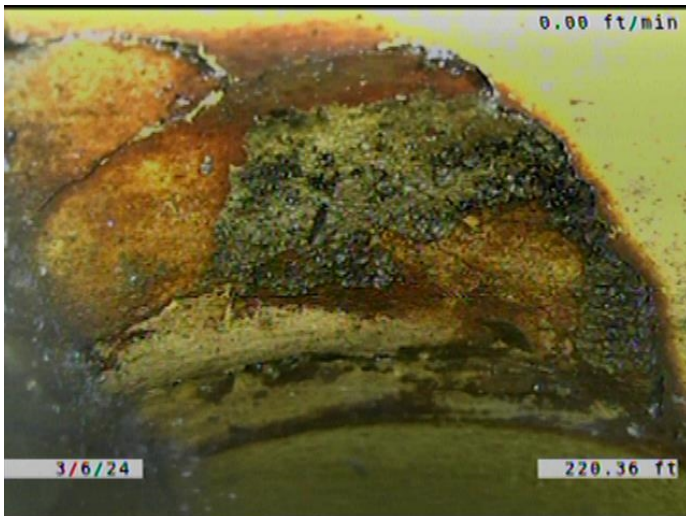
---



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

Distance (ft): **218.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

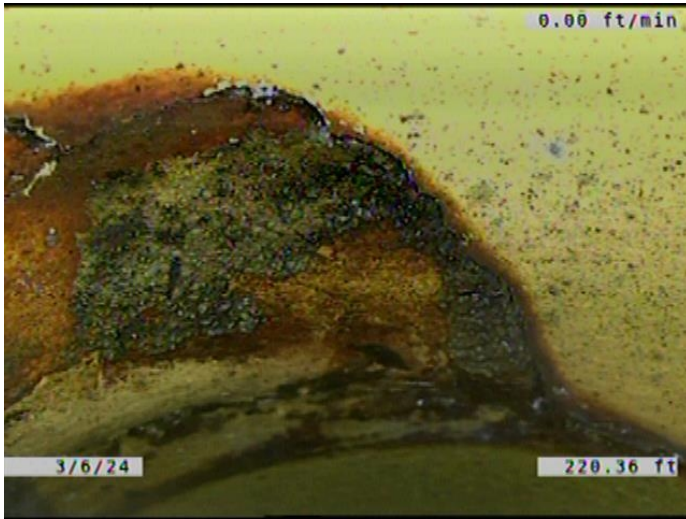
---



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

Distance (ft): **220.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S09**  
Within 8" of Joint: **YES**  
Remarks:

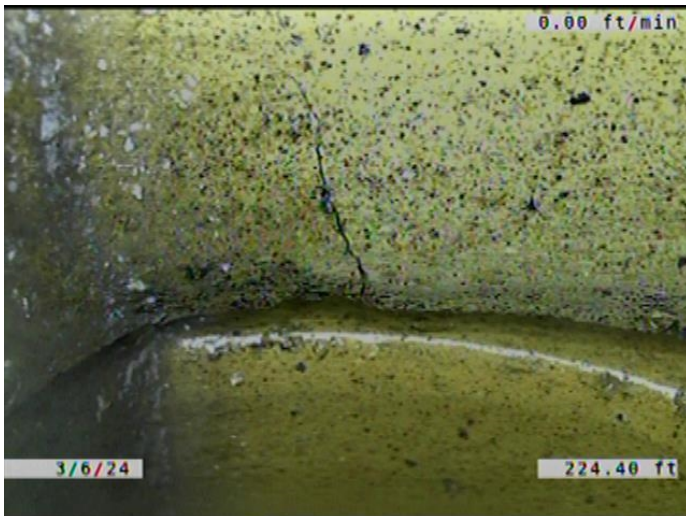
---



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

Distance (ft): **220.4**  
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:

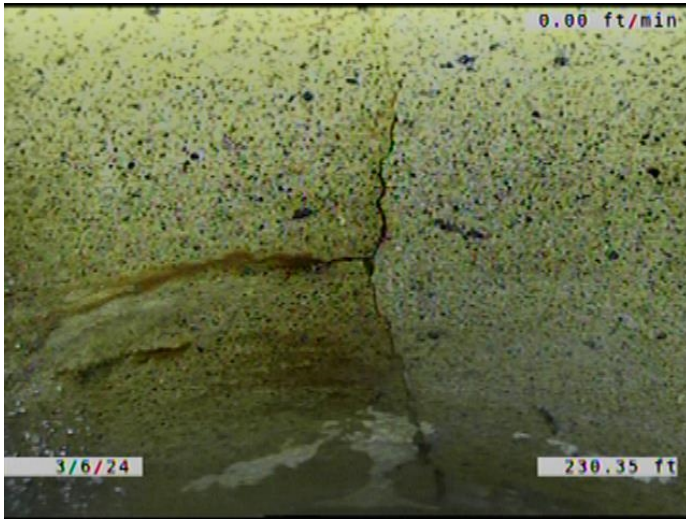
---



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

Distance (ft): **224.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

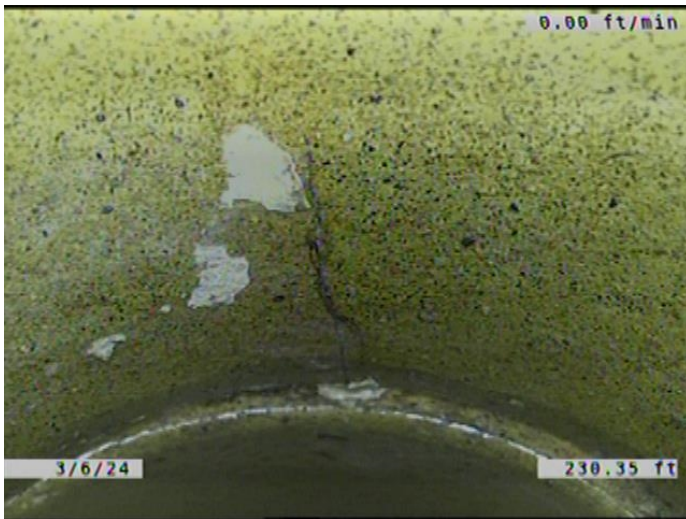
---



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

Distance (ft): **230.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **230.4**  
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:

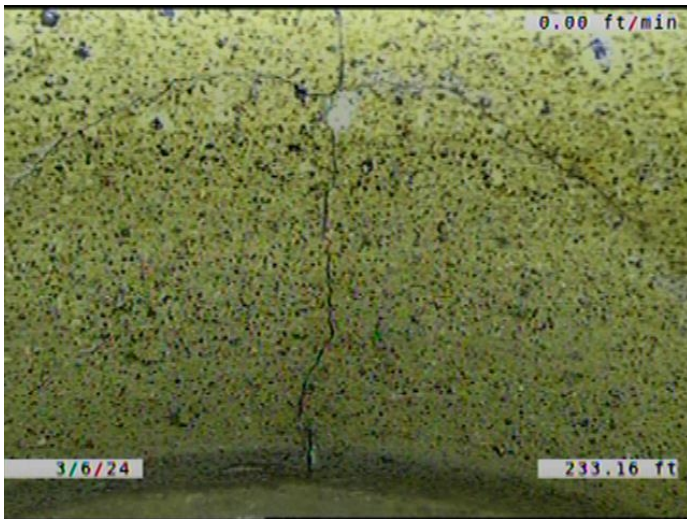
---



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

Distance (ft): **230.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

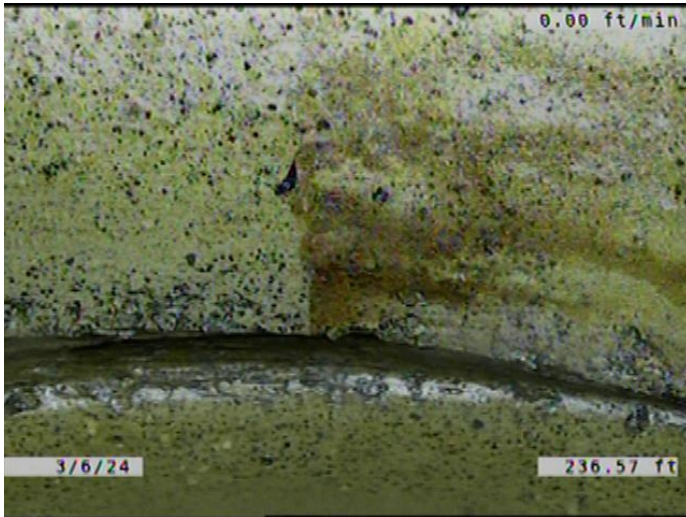
---



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

Distance (ft): **233.2**  
Structural Grade: **3**  
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:

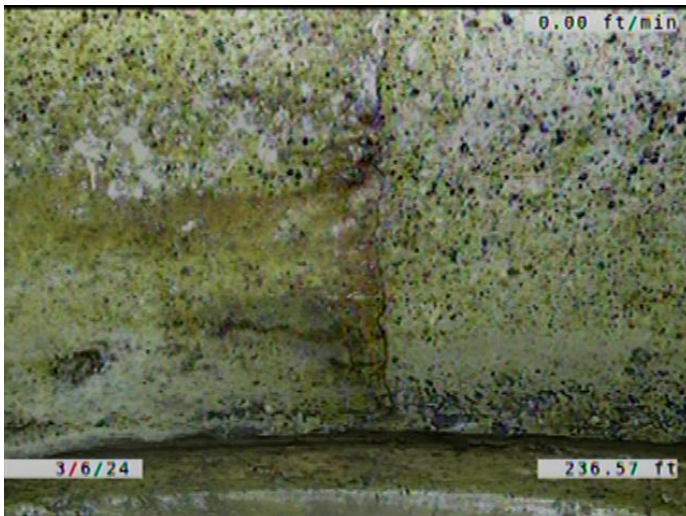
---



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

Distance (ft): **236.6**  
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:

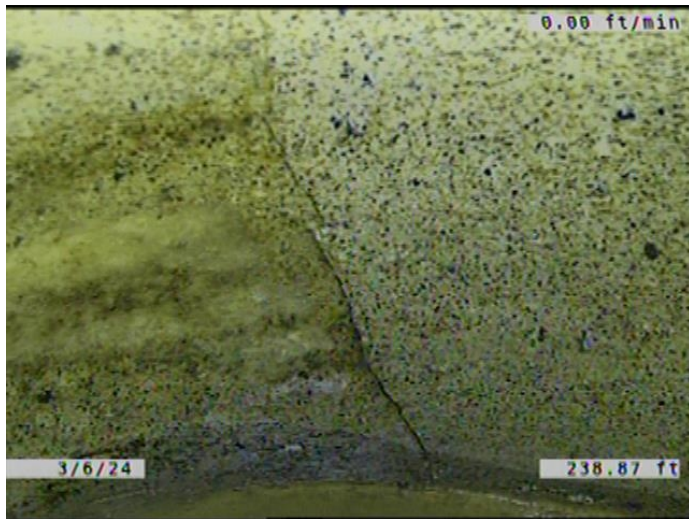
---



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

Distance (ft): **236.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

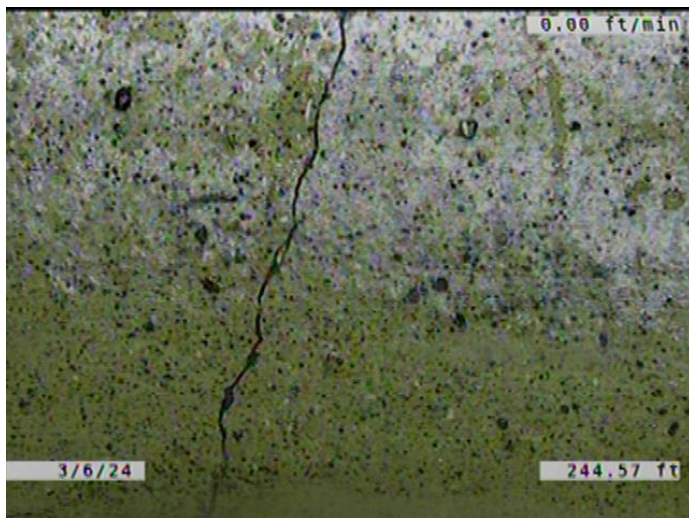
---



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

Distance (ft): **238.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

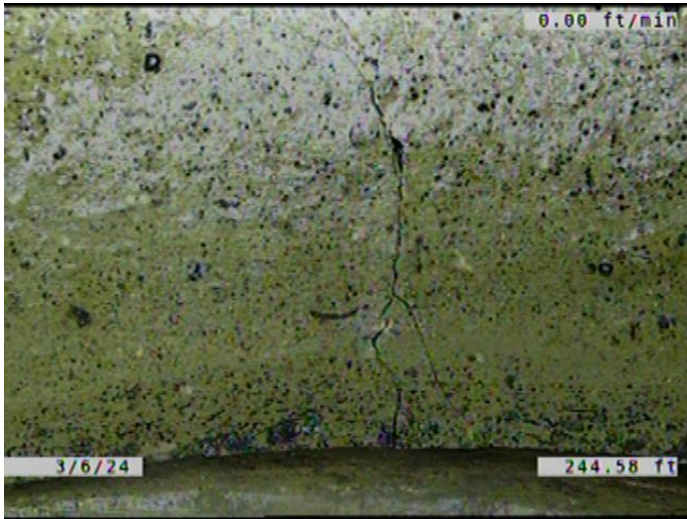
---



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

Distance (ft): **244.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **244.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

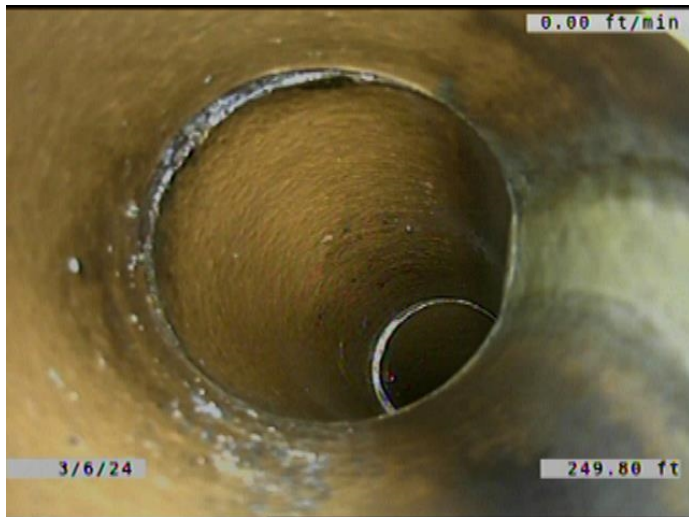
---



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

Distance (ft): **247.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **TBD**  
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **249.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**

---



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

Distance (ft): **260.4**  
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:

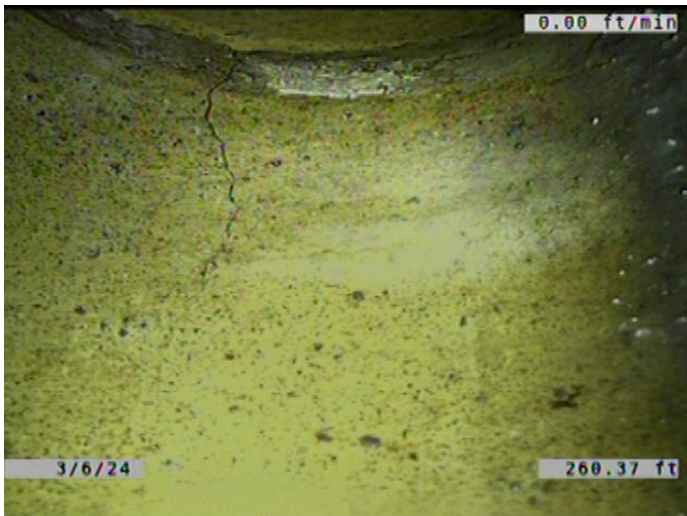
---



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

Distance (ft): **260.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **6**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

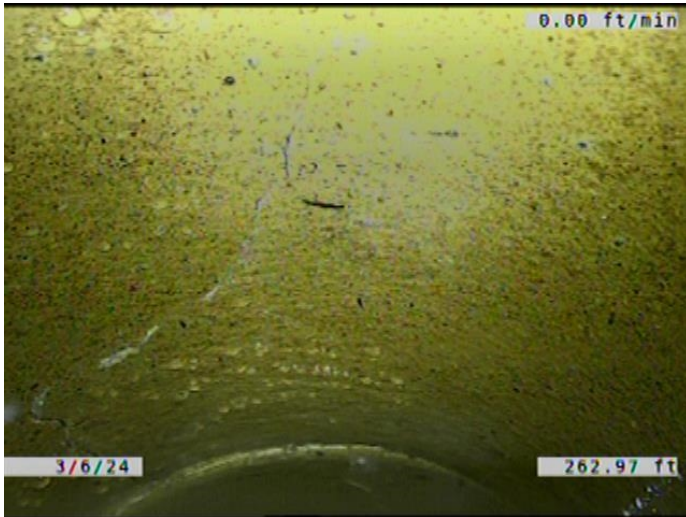
---



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

Distance (ft): **260.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

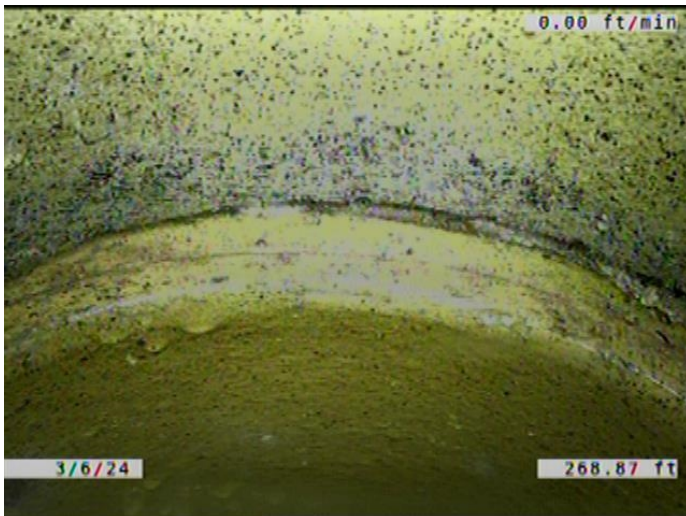
---



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

Distance (ft): **263.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S10**  
Within 8" of Joint: **YES**  
Remarks:

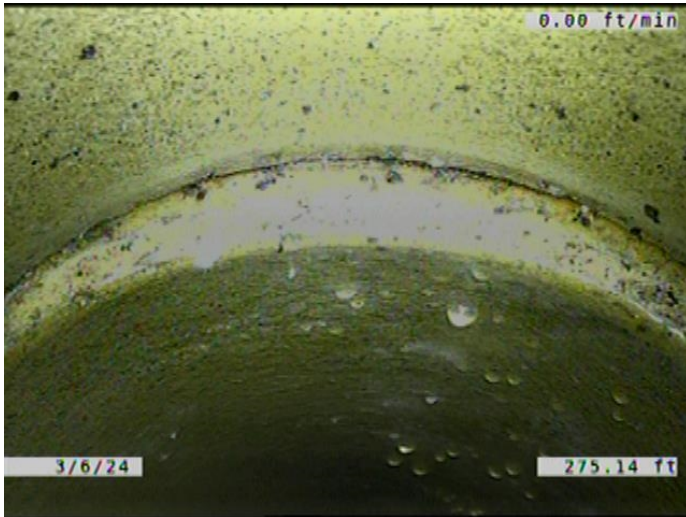
---



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

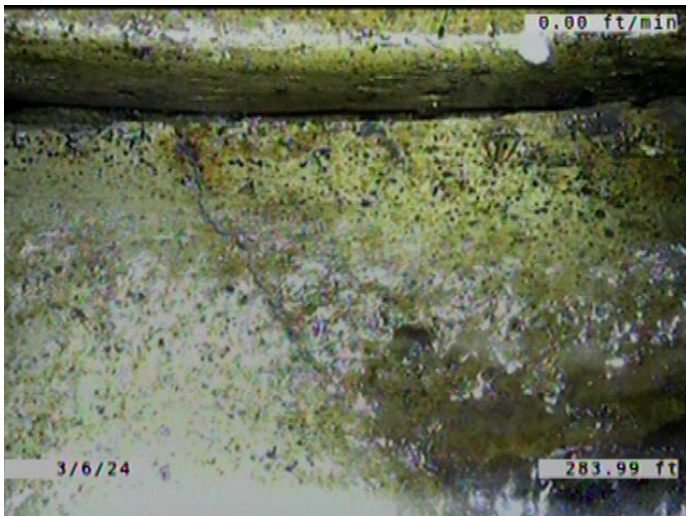
Distance (ft): **268.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



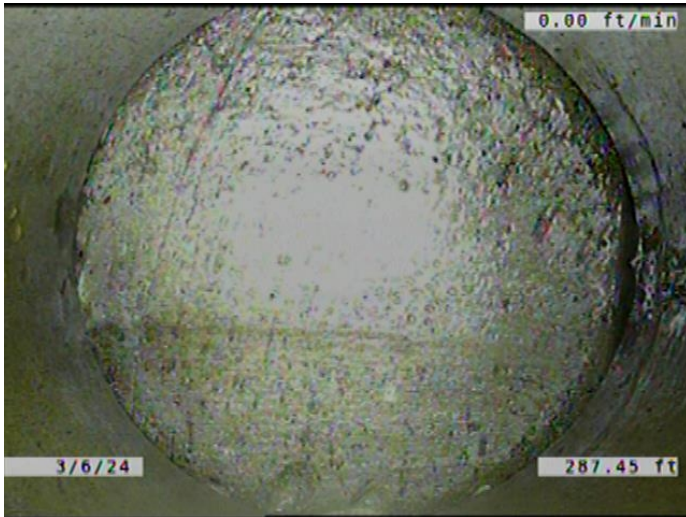
Code: **JOMD**  
 Description: **Joint Offset Medium Defective**

Distance (ft): **275.1**  
 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: **CS**  
 Description: **Crack Spiral**

Distance (ft): **284.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **287.4**  
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:

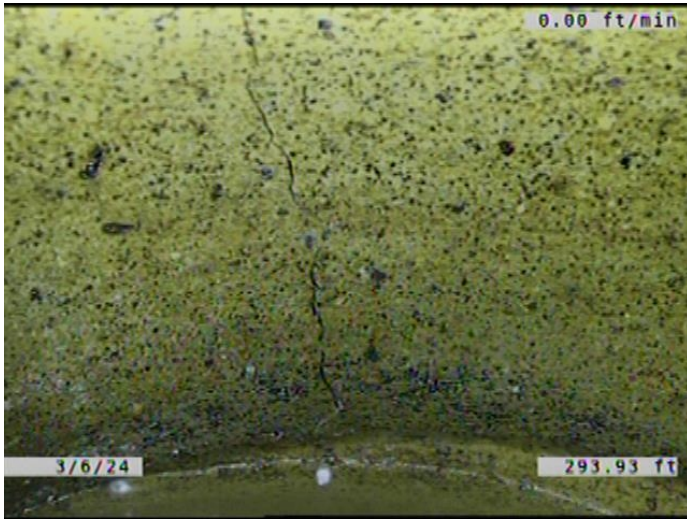
---



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

Distance (ft): **293.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S11**  
Within 8" of Joint: **NO**  
Remarks:

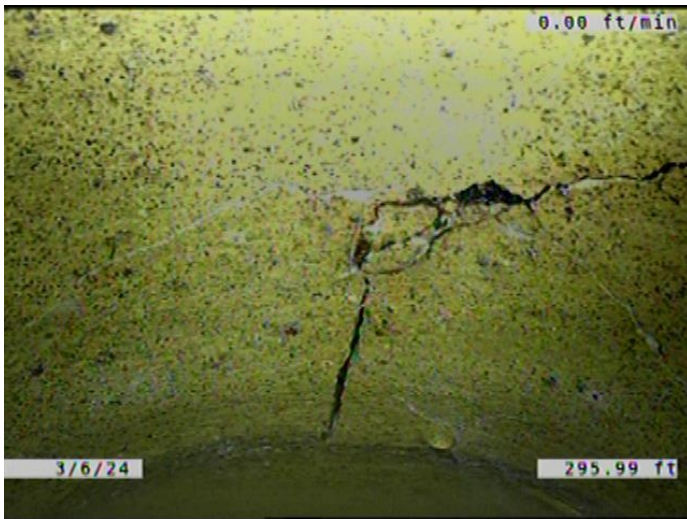
---



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

Distance (ft): **293.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

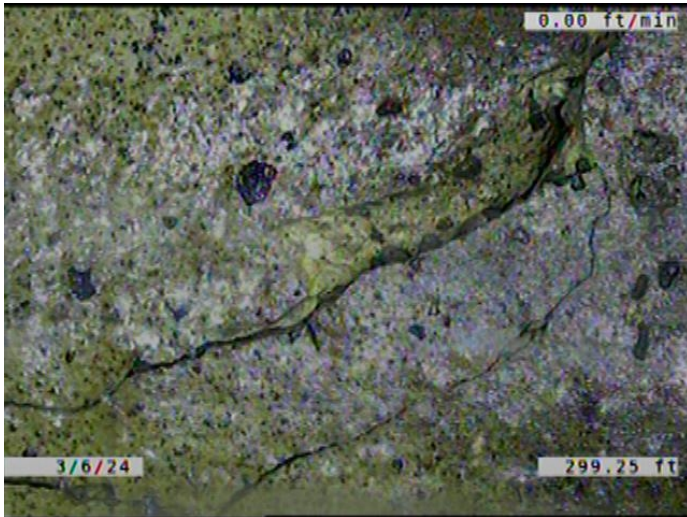
---



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

Distance (ft): **296.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **299.2**  
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:

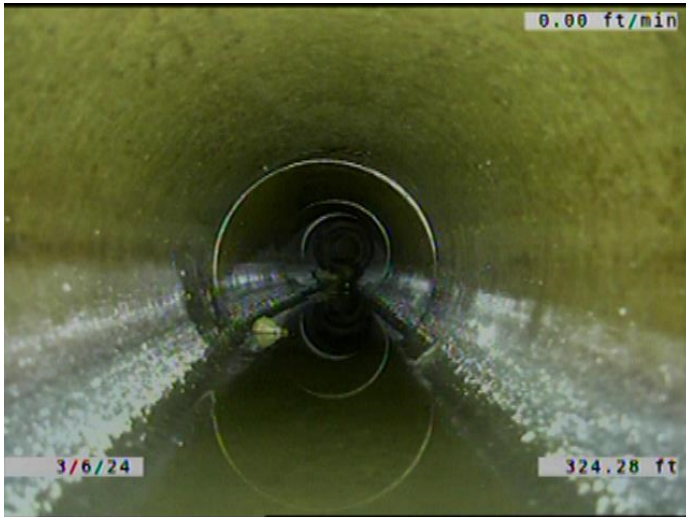
---



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

Distance (ft): **320.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F10**  
Within 8" of Joint: **YES**  
Remarks:

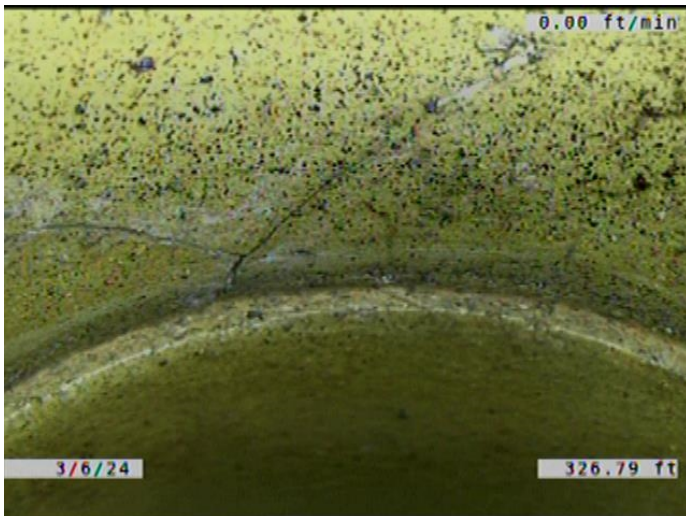
---



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

Distance (ft): **324.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F11**  
Within 8" of Joint: **NO**  
Remarks:

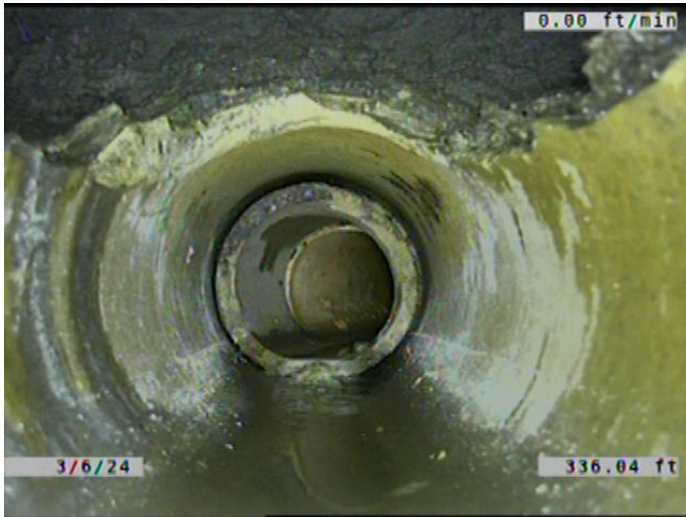
---



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

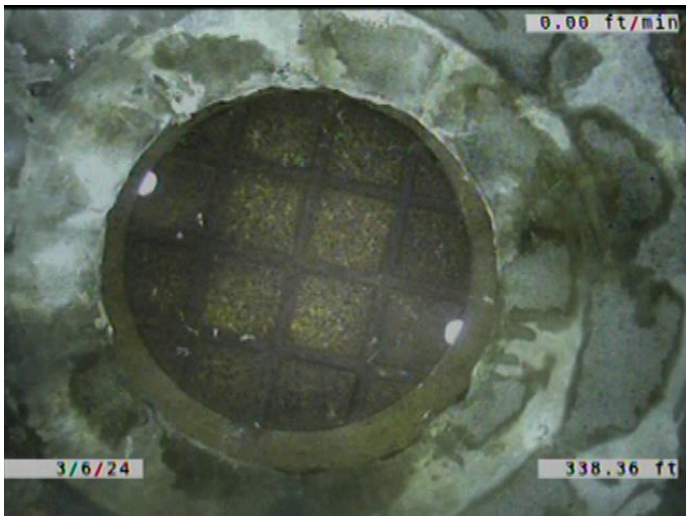
Distance (ft): **326.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **336.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F09**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **338.4**  
 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: **M-405-041**