

# Profile/Photo Observation Report



Date:	<b>02/17/2024</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>333.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-405-035-031</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/13/2023</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>Routine Assessment</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>Downstream</b>
US MH:	<b>M-405-031</b>	DS MH:	<b>M-405-035</b>
		Total Length Surveyed (ft):	<b>327.9</b>

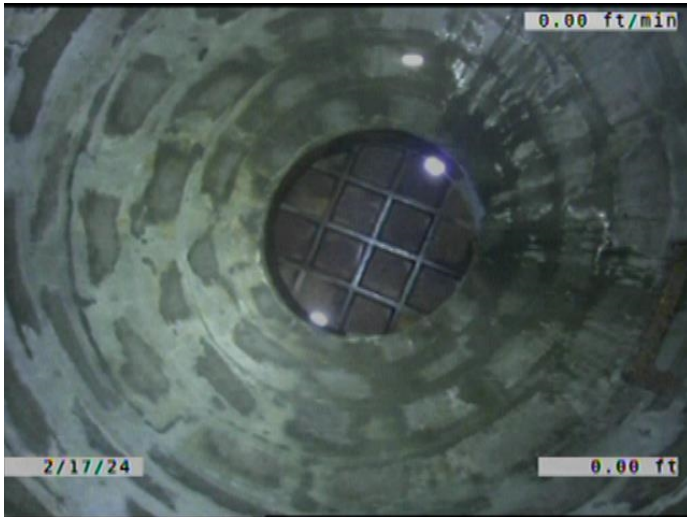
O&M Index:	<b>1.84</b>	O&M Quick:	<b>372J</b>	O&M Rating:	<b>160.00</b>
Structural Index:	<b>3.08</b>	Structural Quick:	<b>524D</b>	Structural Rating:	<b>191.00</b>
Overall Index:	<b>2.36</b>	Overall Quick:	<b>524D</b>	Overall Rating:	<b>351.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	90	NA
	1.1	CM	Crack Multiple	150	S 3
	2.4	FM	Fracture Multiple	228	S 4
	4.4	RPR	Point Repair Replacement	286	NA
	6.0	TF	Tap Factory	313	NA
	8.6	DAE(S01)	Deposits Attached Encrustation	442	M 2
	11.4	B	Broken	545	S 4
	11.4	MWLS(S02)	Miscellaneous Water Level Sag	559	S 2
	14.4	B	Broken	608	S 4
	19.8	MWLS(F02)	Miscellaneous Water Level Sag	690	S 2
	20.5	FM(S03)	Fracture Multiple	770	S 4
	29.4	B	Broken	923	S 4
	35.7	SSS	Surface Damage Surface Spalling	989	S 2
	36.2	TBI	Tap Break-in Intruding	1040	M 2
	41.4	RPR(S04)	Point Repair Replacement	1173	NA
	41.5	DAE(F01)	Deposits Attached Encrustation	1185	M 2
	41.5	FM(F03)	Fracture Multiple	1193	S 4
	41.5	JOM	Joint Offset Medium	1209	S 3

43.2	TFA	Tap Factory Activity	1245	NA
47.2	MWLS(S05)	Miscellaneous Water Level Sag	1297	S 2
51.0	TF	Tap Factory	1334	NA
53.7	RPR(F04)	Point Repair Replacement	1402	NA
53.7	CM	Crack Multiple	1430	S 3
56.6	FM	Fracture Multiple	1513	S 4
59.1	MWLS(F05)	Miscellaneous Water Level Sag	1562	S 2
81.2	FM	Fracture Multiple	1880	S 4
81.2	DAE	Deposits Attached Encrustation	1902	M 2
87.6	TFD	Tap Factory Defective	2032	M 3
95.5	RPR(S07)	Point Repair Replacement	2177	NA
99.5	RPR(F07)	Point Repair Replacement	2249	NA
102.1	DAE(S08)	Deposits Attached Encrustation	2305	M 2
105.1	RFJ(S09)	Roots Fine Joint	2375	M 1
105.1	FM	Fracture Multiple	2396	S 4
105.1	RFB	Roots Fine Barrel	2408	M 2
111.0	OBJ	Obstruction Wedged In The Joint	2525	M 2
111.1	FM	Fracture Multiple	2568	S 4
113.8	CM	Crack Multiple	2633	S 3
122.8	CM	Crack Multiple	2792	S 3
126.0	RFB	Roots Fine Barrel	2867	M 2
126.0	B	Broken	2915	S 4
126.6	RFC	Roots Fine Connection	2938	M 1
126.6	TBD	Tap Break-in/Hammer Defective	2966	M 3
129.5	TFD	Tap Factory Defective	3095	M 3
131.8	RMJ	Roots Medium Joint	3152	M 3
134.8	MWLS(S11)	Miscellaneous Water Level Sag	3212	S 2
145.9	FM(S06)	Fracture Multiple	3303	S 4
149.6	MWLS(F11)	Miscellaneous Water Level Sag	3346	S 2
153.8	TFD	Tap Factory Defective	3387	M 3
160.5	FM(F06)	Fracture Multiple	3497	S 4
168.1	RPR(S12)	Point Repair Replacement	3651	NA
168.1	DAE(F08)	Deposits Attached Encrustation	3664	M 2
168.1	RFJ(F09)	Roots Fine Joint	3673	M 1
168.1	JOM	Joint Offset Medium	3701	S 3
174.8	RPR(F12)	Point Repair Replacement	3849	NA
177.1	B	Broken	3957	S 4
188.0	FM	Fracture Multiple	4038	S 4
189.1	DAE(S14)	Deposits Attached Encrustation	4079	M 2
196.7	FM	Fracture Multiple	4202	S 4
198.4	MWLS(S15)	Miscellaneous Water Level Sag	4216	S 2
203.6	MWLS(F15)	Miscellaneous Water Level Sag	4294	S 2

204.2	RPR(S16)	Point Repair Replacement	4331	NA
204.2	DAE(F14)	Deposits Attached Encrustation	4357	M 2
209.5	TFA	Tap Factory Activity	4433	NA
211.5	TF	Tap Factory	4475	NA
213.5	RPR(F16)	Point Repair Replacement	4628	NA
213.5	FM	Fracture Multiple	4670	S 4
213.9	DAE	Deposits Attached Encrustation	4694	M 2
213.9	DAE	Deposits Attached Encrustation	4708	M 2
216.5	CM	Crack Multiple	4756	S 3
216.5	DAE	Deposits Attached Encrustation	4769	M 2
219.4	FM	Fracture Multiple	4853	S 4
219.4	DAE	Deposits Attached Encrustation	4867	M 2
222.3	B	Broken	5064	S 4
222.3	DAE(S17)	Deposits Attached Encrustation	5079	M 2
225.3	CS	Crack Spiral	5229	S 2
237.9	FM	Fracture Multiple	5695	S 4
240.5	B(S18)	Broken	5804	S 4
243.4	RFJ	Roots Fine Joint	5944	M 1
244.3	MWLS(S19)	Miscellaneous Water Level Sag	5994	S 2
248.6	B(F18)	Broken	6129	S 4
250.2	TFD	Tap Factory Defective	6194	M 3
257.3	FM	Fracture Multiple	6359	S 4
260.2	RPR	Point Repair Replacement	6458	NA
267.2	RFJ	Roots Fine Joint	6641	M 1
267.2	SMW	Surface Damage Missing Wall	6690	S 5
276.9	RFC	Roots Fine Connection	6881	M 1
277.5	TBI	Tap Break-in Intruding	6914	M 2
282.3	DAGS(S20)	Deposits Attached Grease	7084	M 2
303.5	RMJ	Roots Medium Joint	7583	M 3
303.8	DAGS(F20)	Deposits Attached Grease	7603	M 2
306.7	RFJ(S21)	Roots Fine Joint	7679	M 1
324.1	MWLS(F19)	Miscellaneous Water Level Sag	8149	S 2
324.4	RFJ(F21)	Roots Fine Joint	8173	M 1
324.8	B	Broken	8237	S 4
324.8	MGO	Miscellaneous General Observation	8249	NA
325.3	HSV	Hole Soil Visible	8352	S 5
325.3	RFB	Roots Fine Barrel	8364	M 2
326.9	DAE(F17)	Deposits Attached Encrustation	8473	M 2
327.9	AMH	Manhole	8560	NA

M-405-035



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

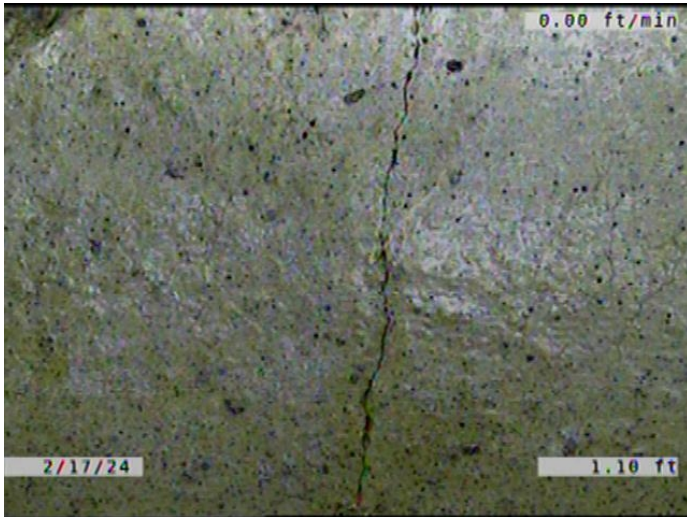
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **M-405-031**



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

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

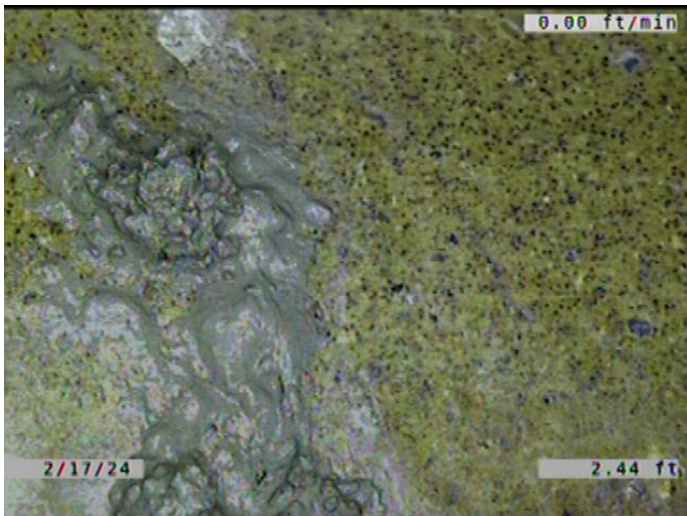




Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **1.1**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

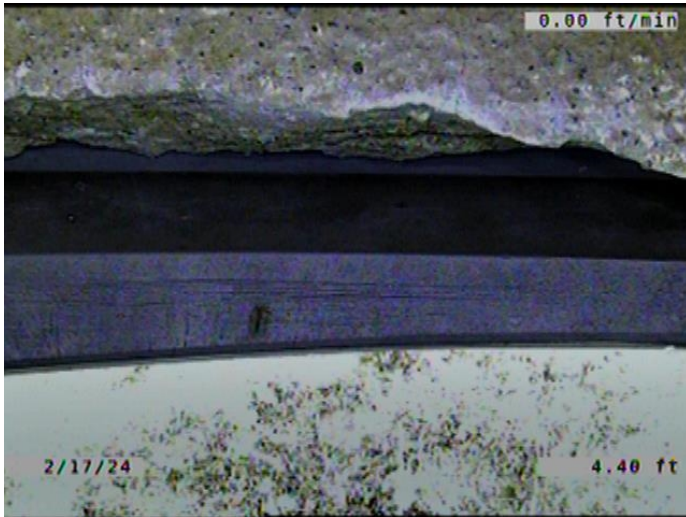
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **2.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

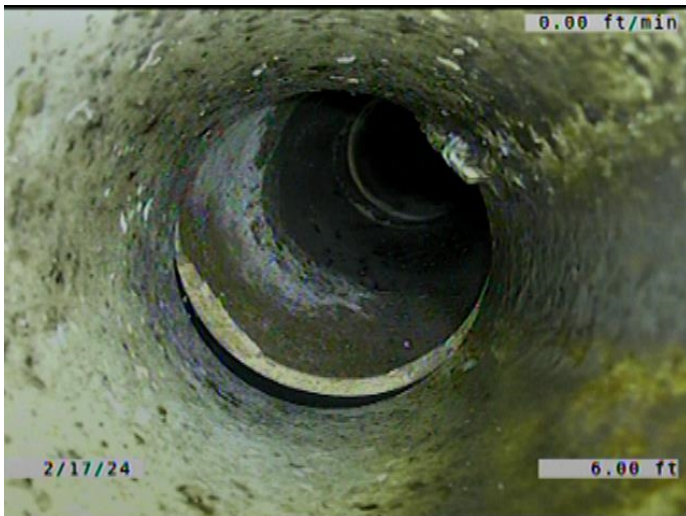
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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **4.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

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

Distance (ft): **6.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **PVC T. SERVICE IS VCP.**

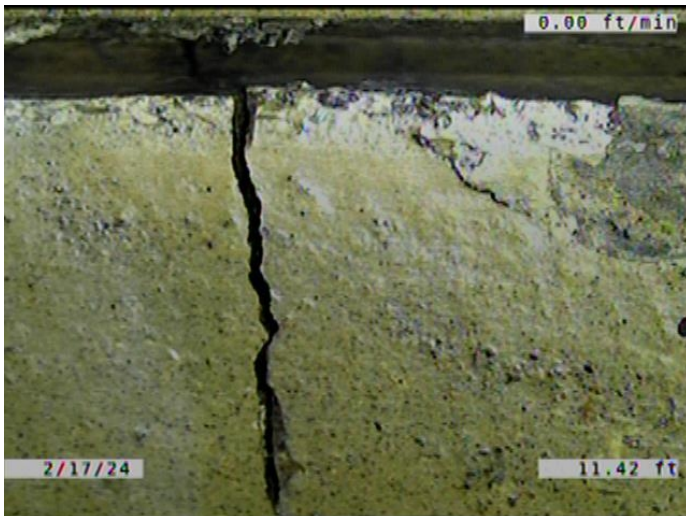
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **8.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **11.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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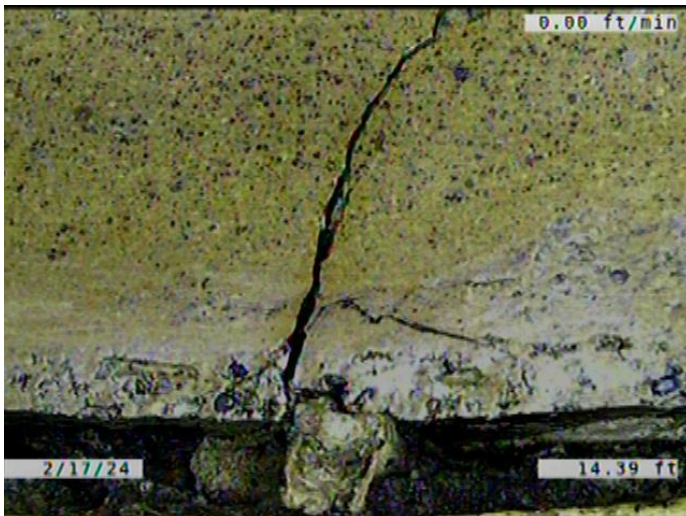




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **11.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **14.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

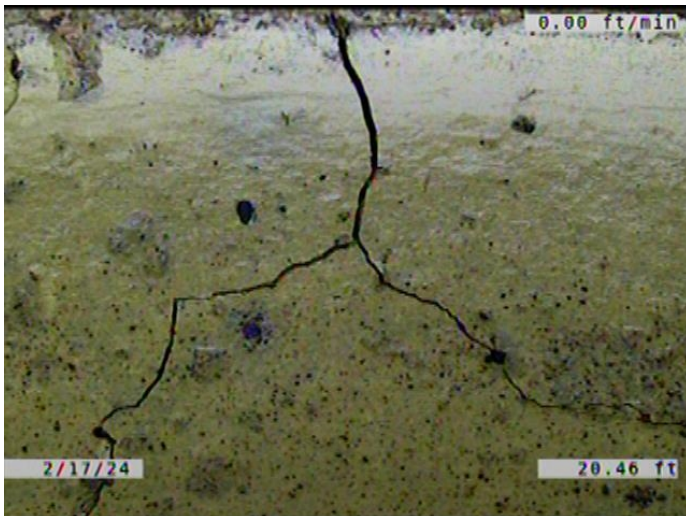
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **19.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

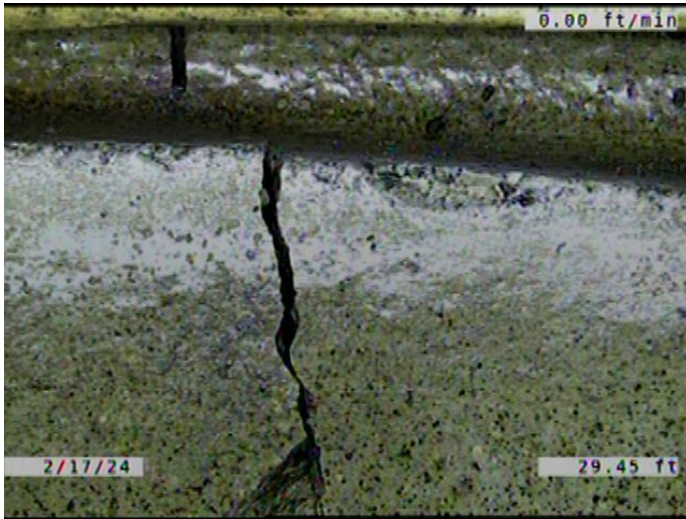
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **20.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

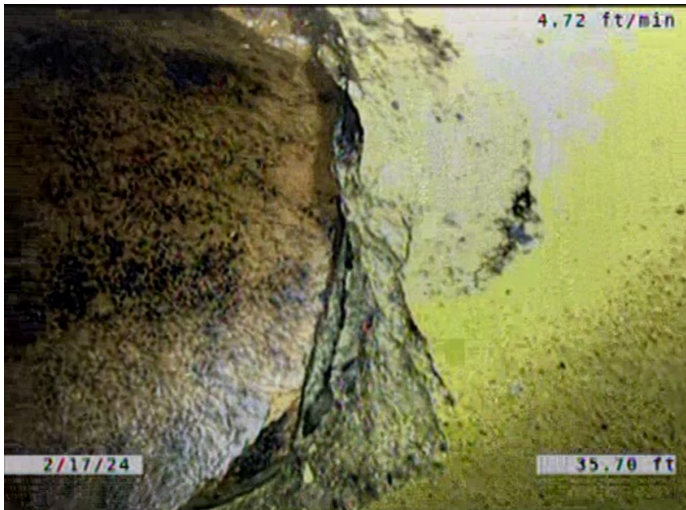
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Code: **B**  
Description: **Broken**

Distance (ft): **29.4**  
Structural Grade: **4**  
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:

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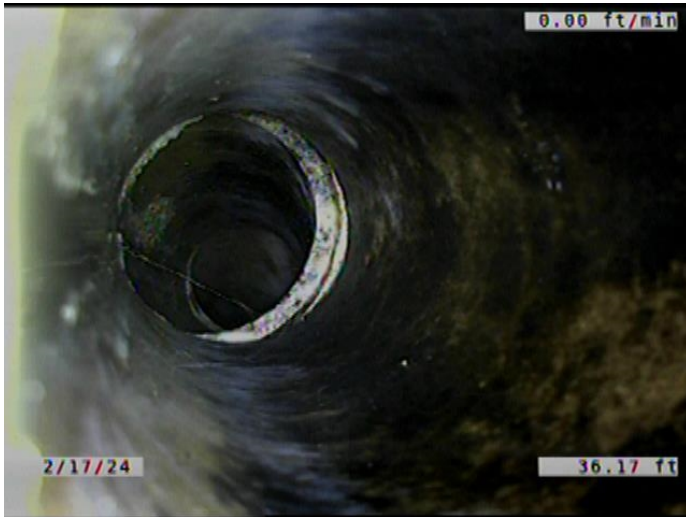


Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **35.7**  
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: **NO**  
Remarks:

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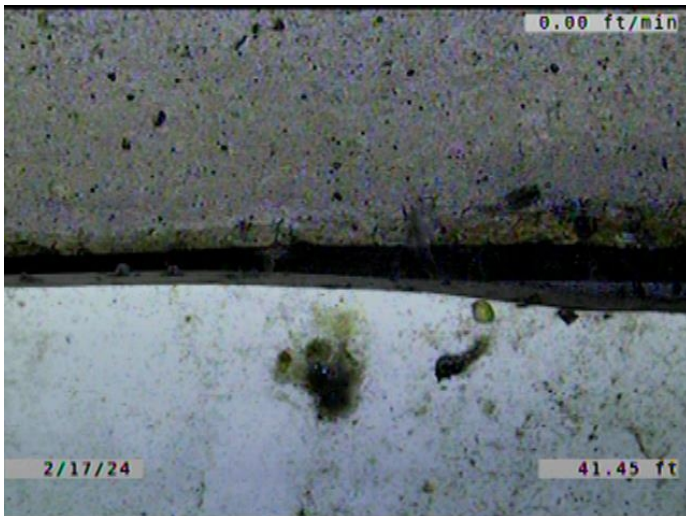




Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **36.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value: **2.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SERVICE JOINTS OFFSET.  
CONSTANTLY DRIPPING WATER.**

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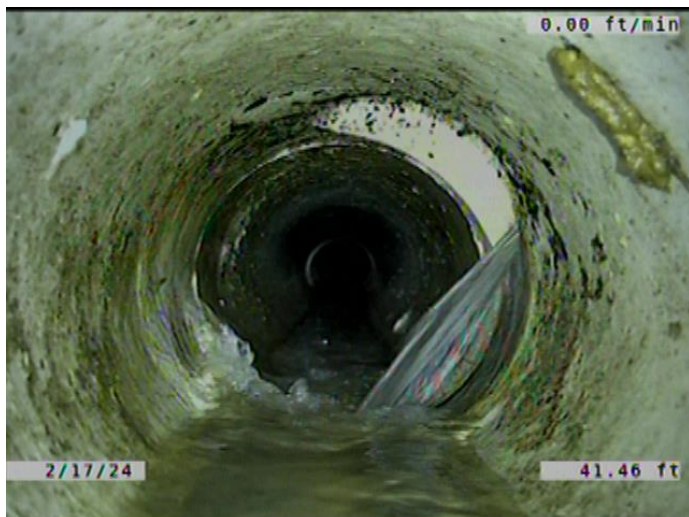


Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **41.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

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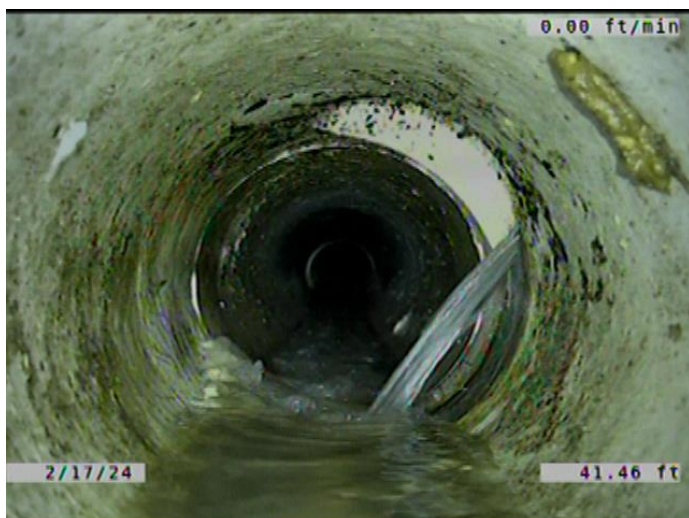




Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **41.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

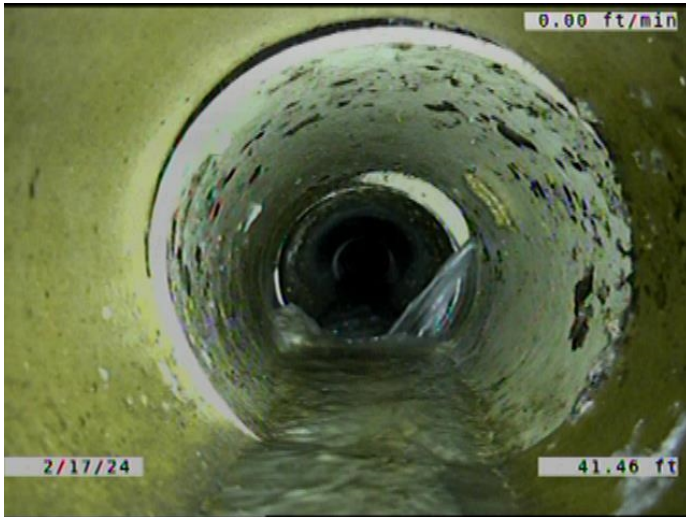
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **41.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks: **Wandering 8 - 6**

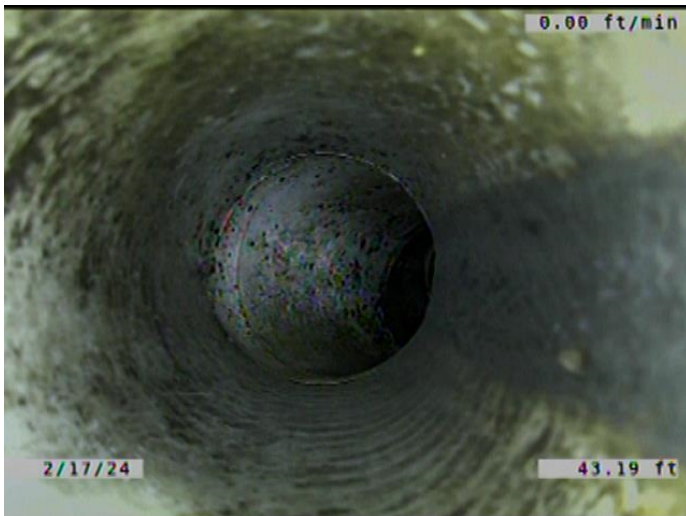
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Code: **JOM**  
Description: **Joint Offset Medium**

Distance (ft): **41.5**  
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:

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Code: **TFA**  
Description: **Tap Factory Activity**

Distance (ft): **43.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **47.2**  
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:

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

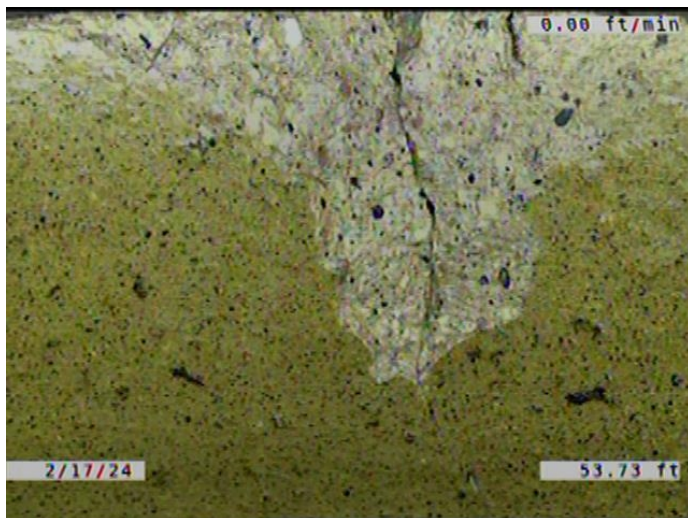
Distance (ft): **51.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **PVC T. SERVICE IS VCP. CONSTANTLY RUNNING WATER.**

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

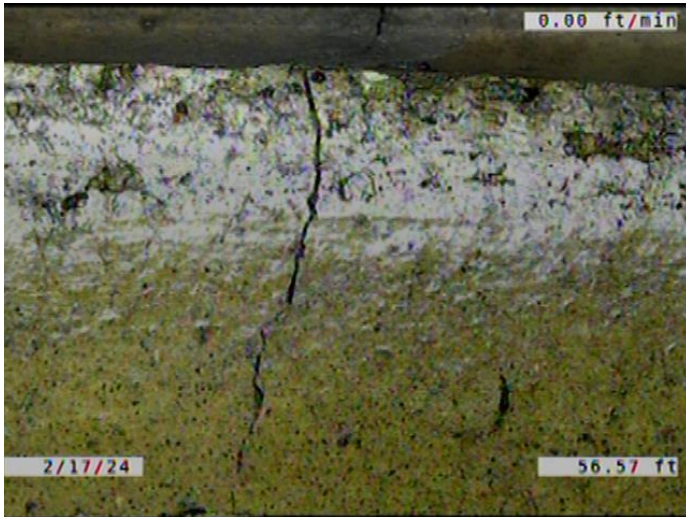
Distance (ft): **53.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks: **REPLACED WITH PVC.**



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

Distance (ft): **53.7**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **56.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

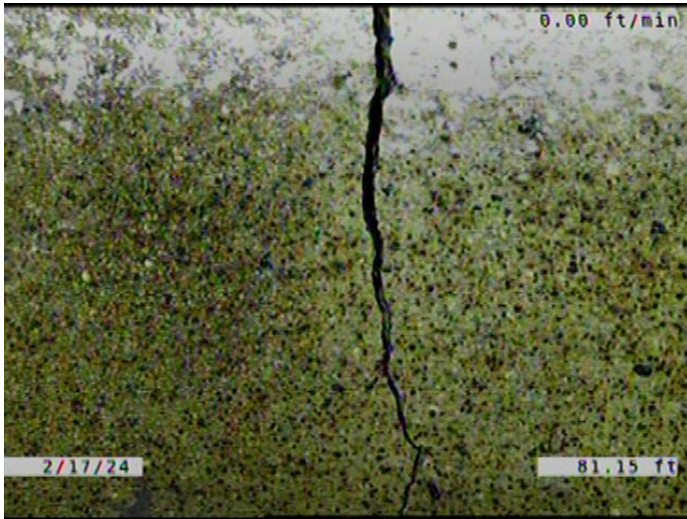
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **59.1**  
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:

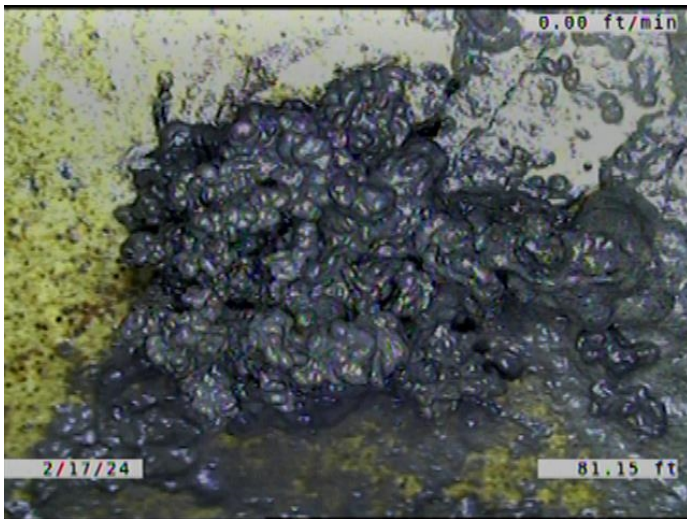
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **81.2**  
Structural Grade: **4**  
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:

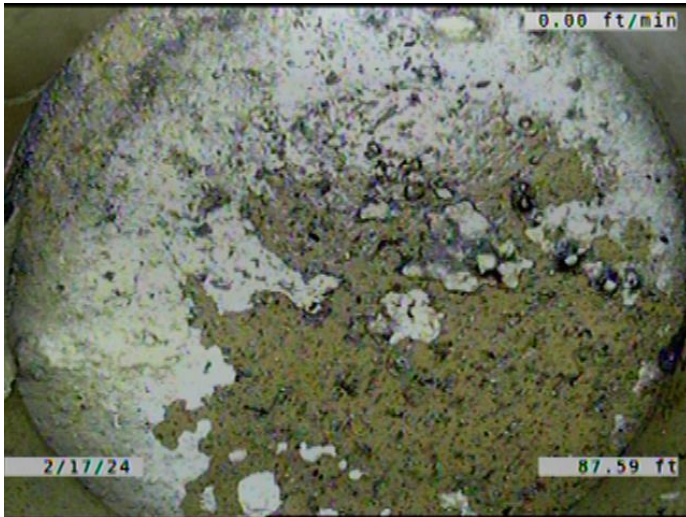
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

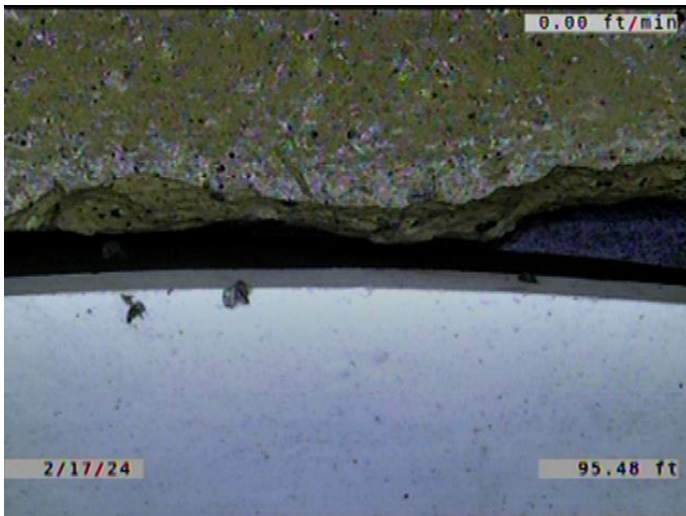
Distance (ft): **81.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>87.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CAPPED. TAP BROKEN. ENCrustATION COMING AROUND T</b>

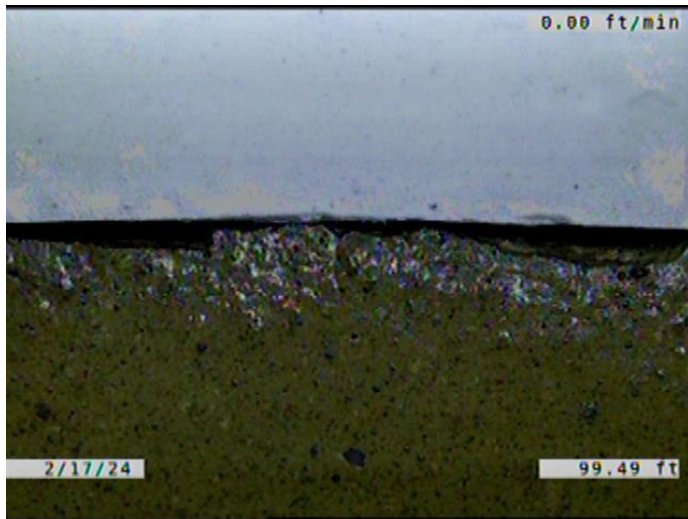
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Code:	<b>RPR</b>
Description:	<b>Point Repair Replacement</b>
Distance (ft):	<b>95.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S07</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>REPLACED WITH PVC.</b>

---

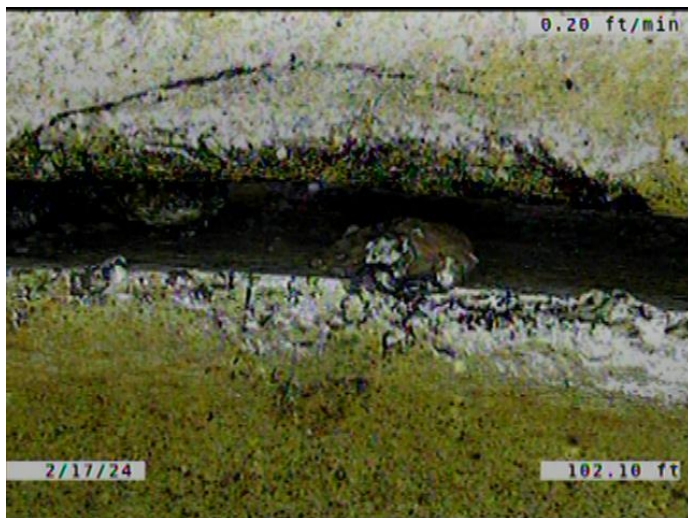




Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **99.5**  
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: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **102.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S08**  
Within 8" of Joint: **YES**  
Remarks:

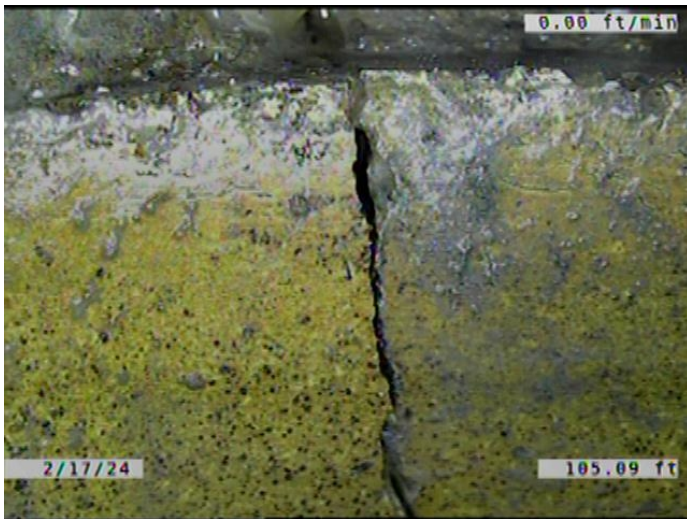
---



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

Distance (ft): **105.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S09**  
Within 8" of Joint: **YES**  
Remarks:

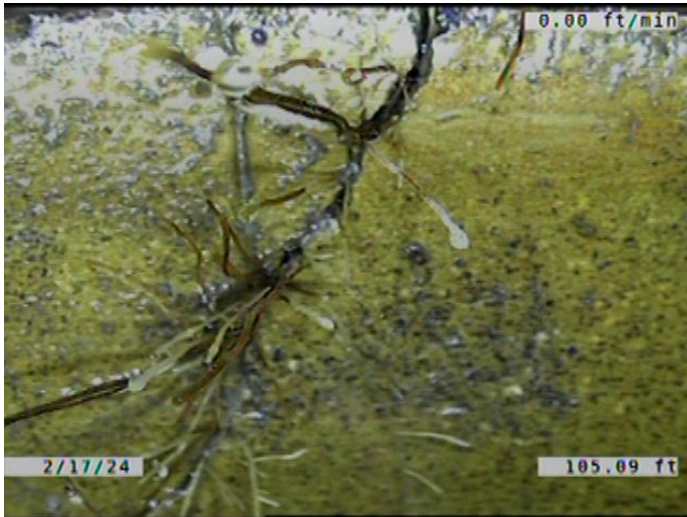
---



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

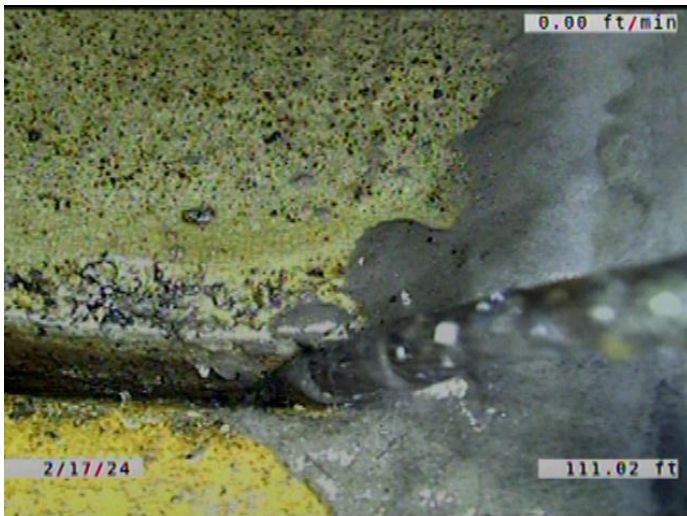
Distance (ft): **105.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

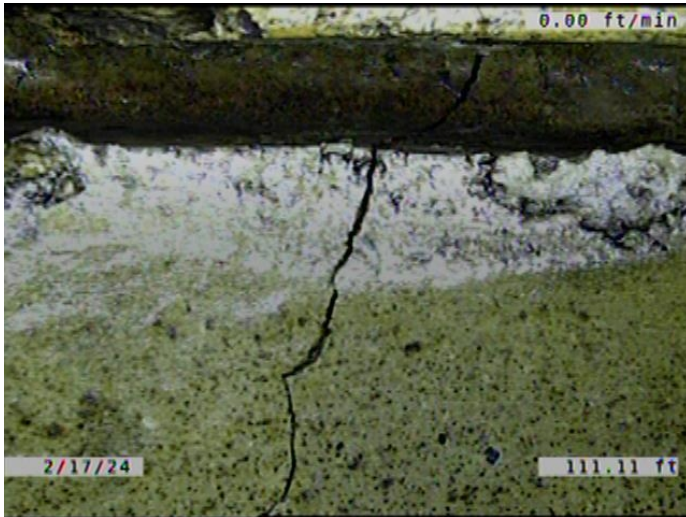
Distance (ft): **105.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **OBJ**  
 Description: **Obstruction Wedged In The Joint**

Distance (ft): **111.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **STICK**

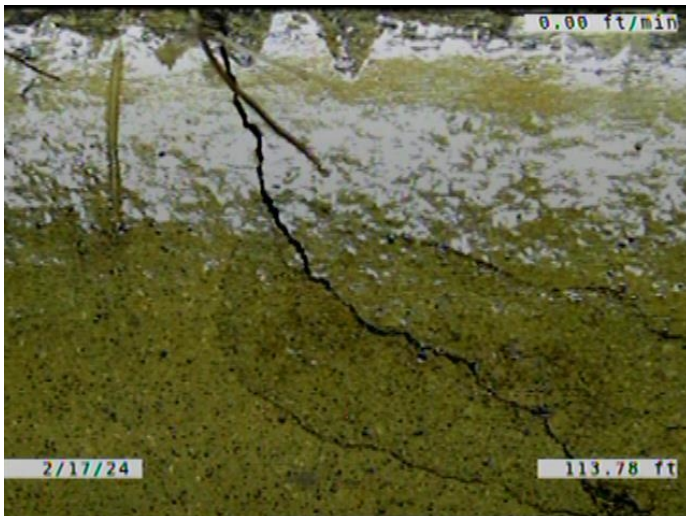




Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **111.1**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

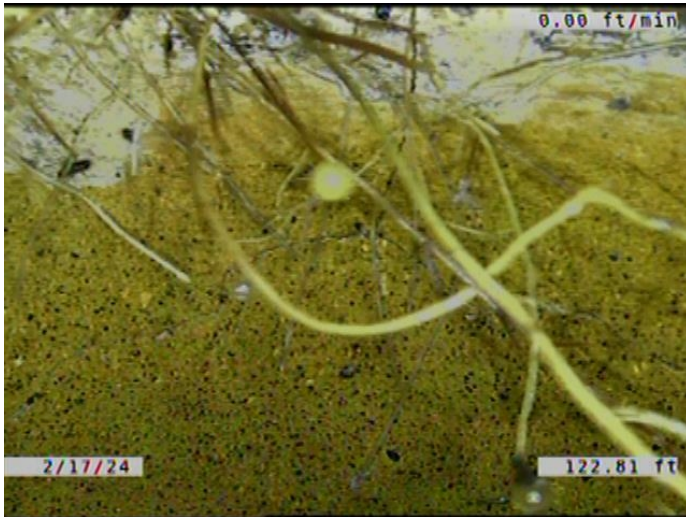
---



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

Distance (ft): **113.8**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

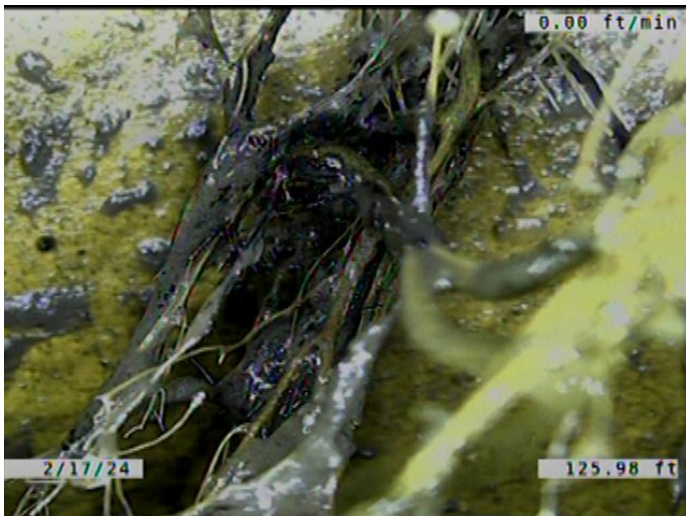
---



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

Distance (ft): **122.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

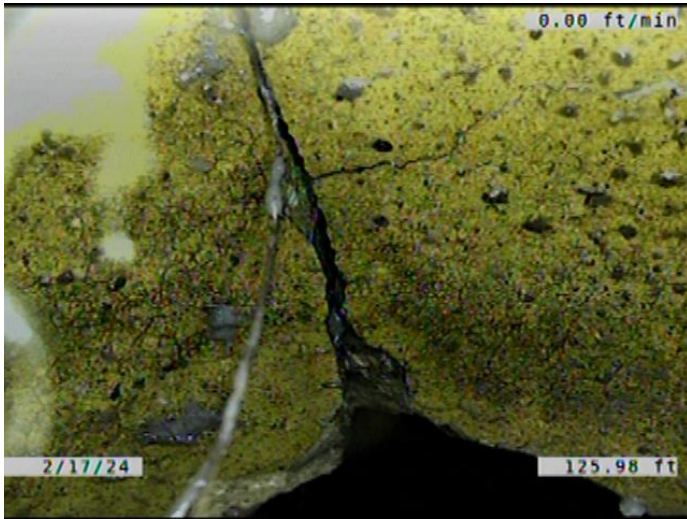
---



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

Distance (ft): **126.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

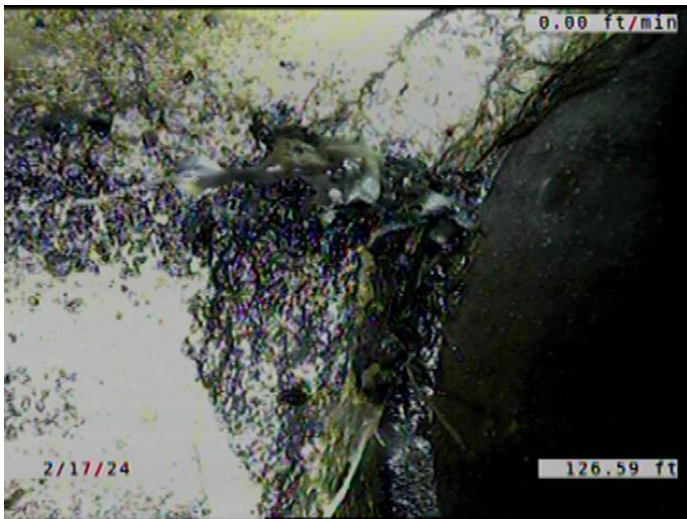
---



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

Distance (ft): **126.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

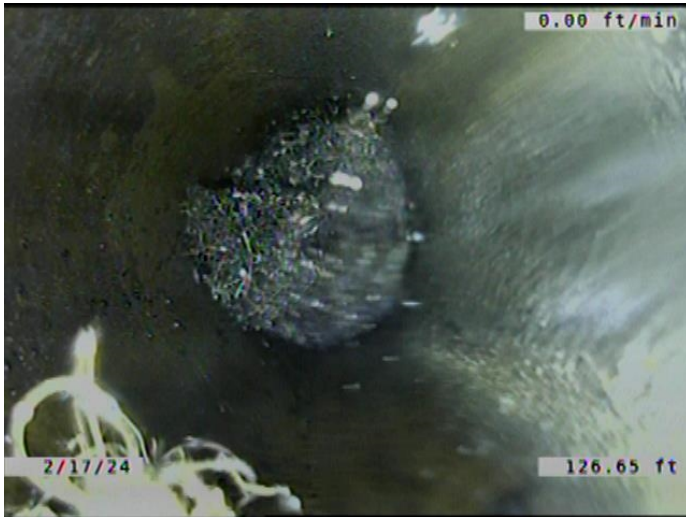


Code: **RFC**  
Description: **Roots Fine Connection**

Distance (ft): **126.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

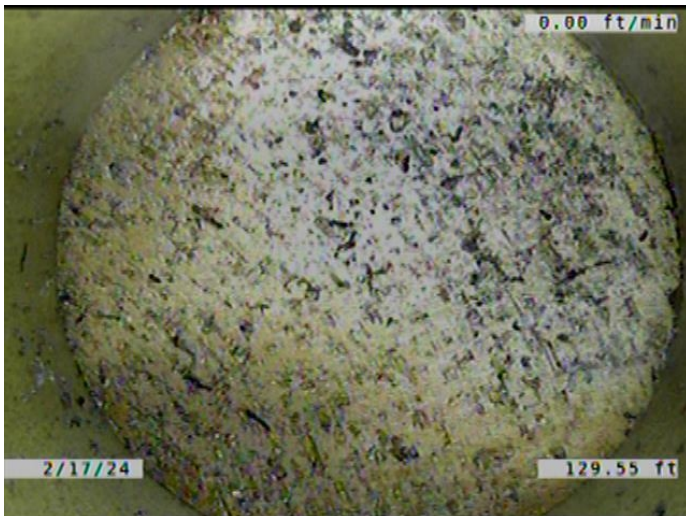




Code: **TBD**  
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **126.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **SERVICE LOOKS LIKE IT GOES TO THE RIGHT (WEST). CONSTANTLY DRIPPI**

---



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

Distance (ft): **129.5**  
 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. TAP BROKEN.**

---





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

Distance (ft): **131.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
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): **134.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S11**  
Within 8" of Joint: **NO**  
Remarks:

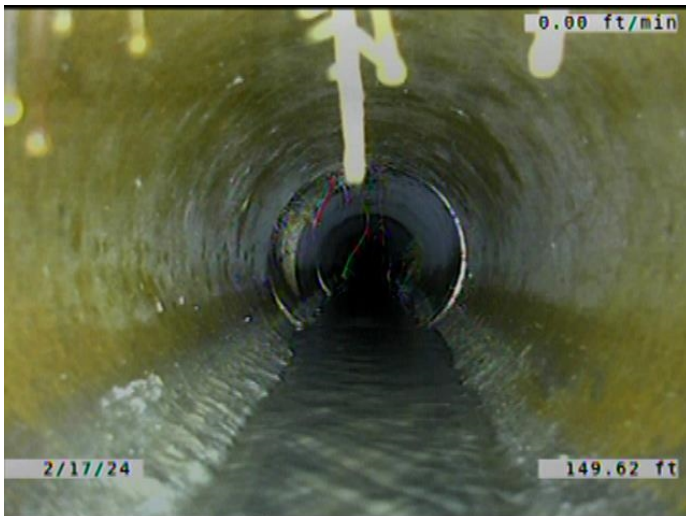
---



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

Distance (ft): **145.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S06**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **149.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F11**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **153.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAPPED. TAP BROKEN.**

---

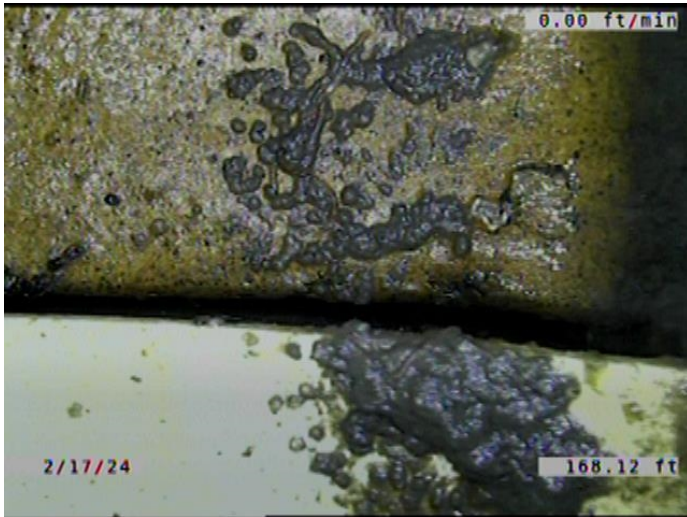


Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **160.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F06**  
Within 8" of Joint: **YES**  
Remarks:

---





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

Distance (ft): **168.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S12**  
 Within 8" of Joint: **YES**  
 Remarks: **REPLACED WITH PVC.**



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

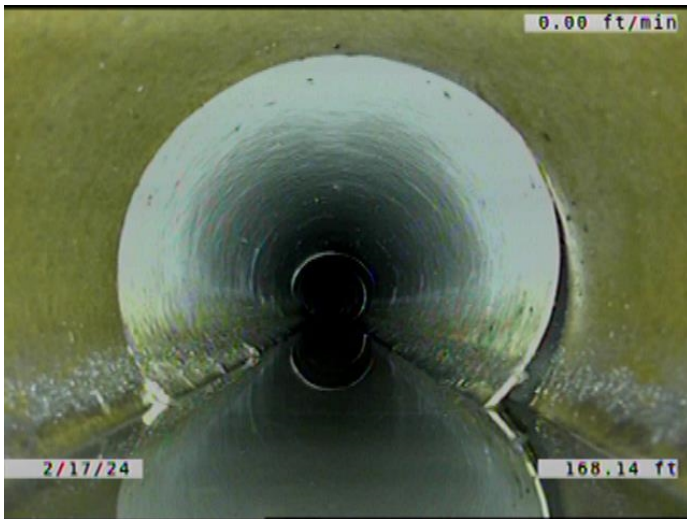
Distance (ft): **168.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F08**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **168.1**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F09**  
Within 8" of Joint: **YES**  
Remarks:

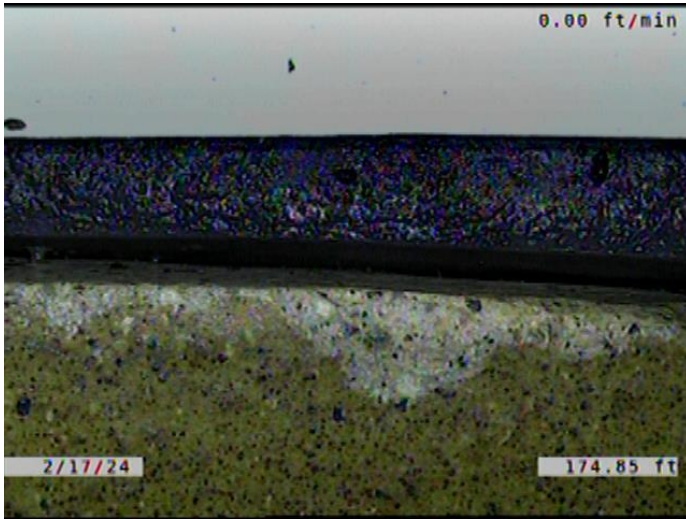
---



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

Distance (ft): **168.1**  
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:

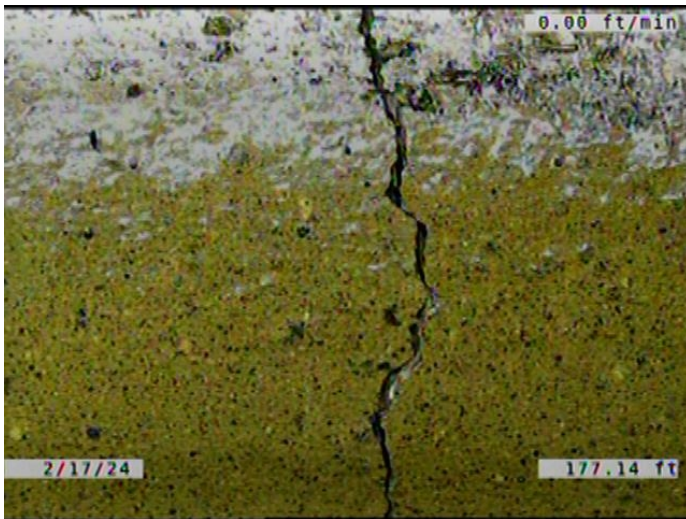
---



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

Distance (ft): **174.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F12**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

---



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

Distance (ft): **177.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

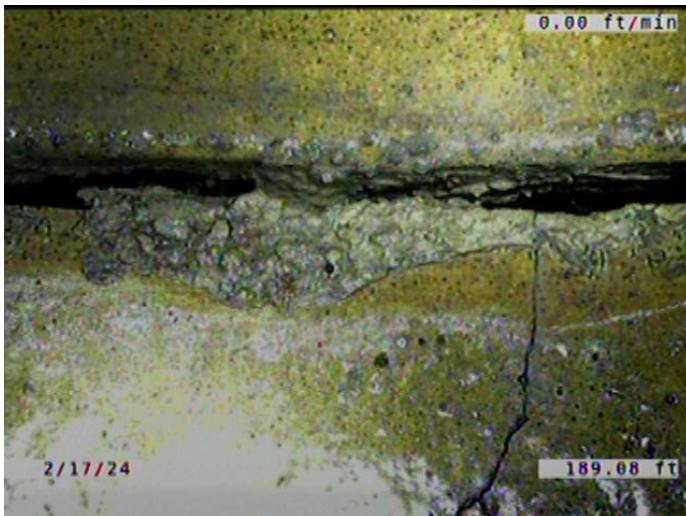




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **188.0**  
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): **189.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S14**  
Within 8" of Joint: **NO**  
Remarks:

---





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

Distance (ft): **196.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **198.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S15**  
Within 8" of Joint: **NO**  
Remarks:

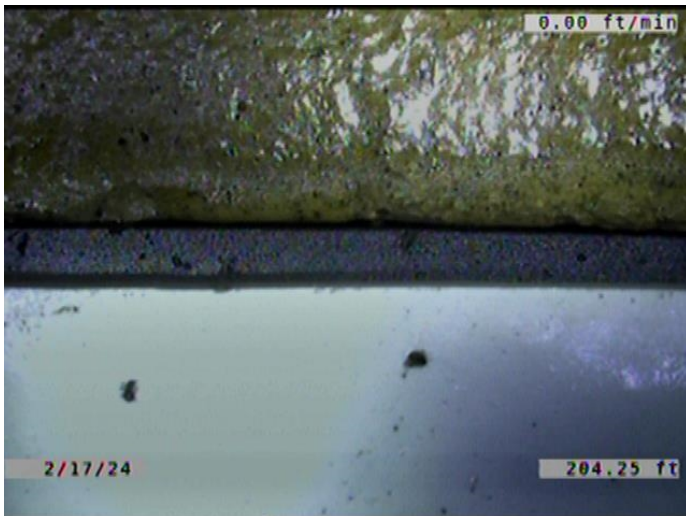
---



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

Distance (ft): **203.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F15**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **204.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S16**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

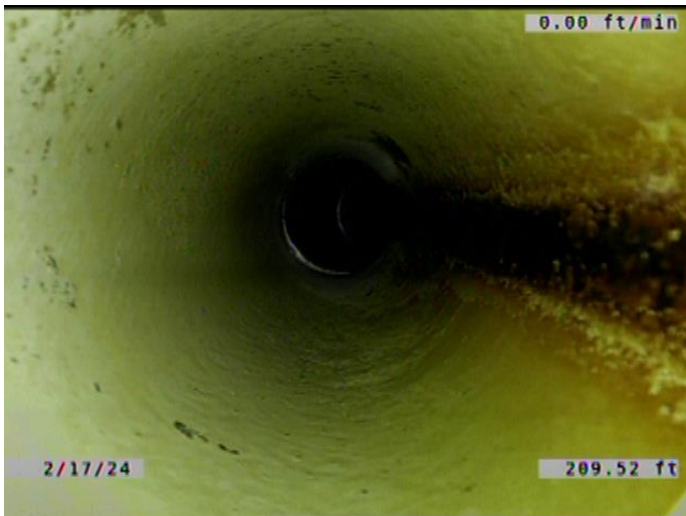
---



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

Distance (ft): **204.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F14**  
Within 8" of Joint: **NO**  
Remarks:

---

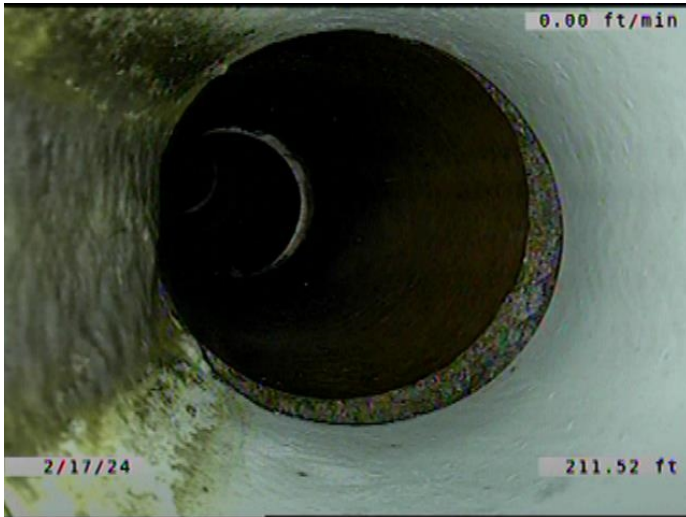


Code: **TFA**  
Description: **Tap Factory Activity**

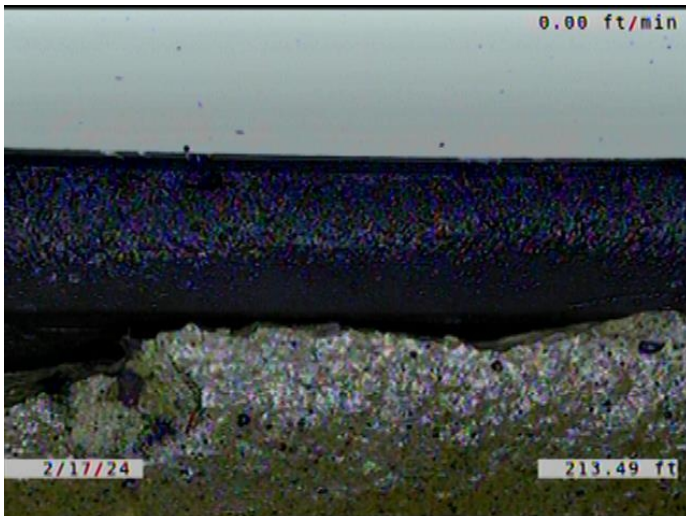
Distance (ft): **209.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

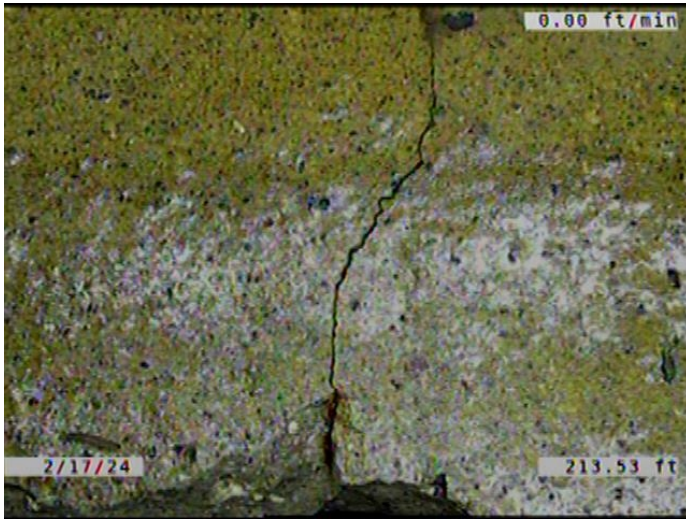




Code:	TF
Description:	Tap Factory
Distance (ft):	211.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	PVC T. SERVICE IS VCP. CONSTANTLY RUNNING WATER.



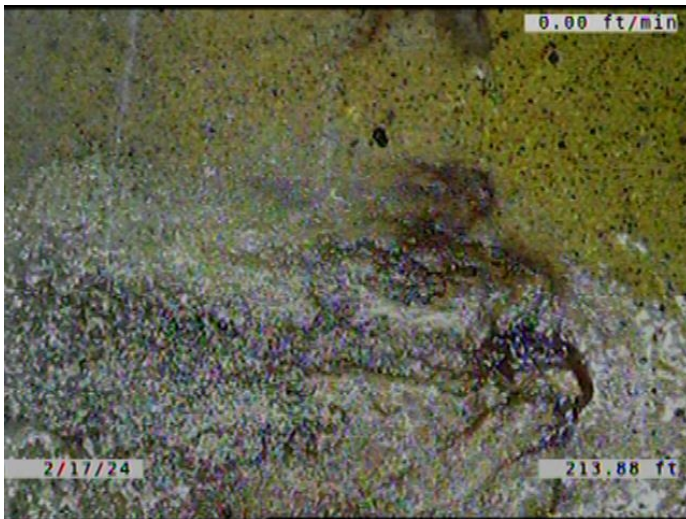
Code:	RPR
Description:	Point Repair Replacement
Distance (ft):	213.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F16
Within 8" of Joint:	YES
Remarks:	REPLACED WITH PVC.



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

Distance (ft): **213.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To: **9**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

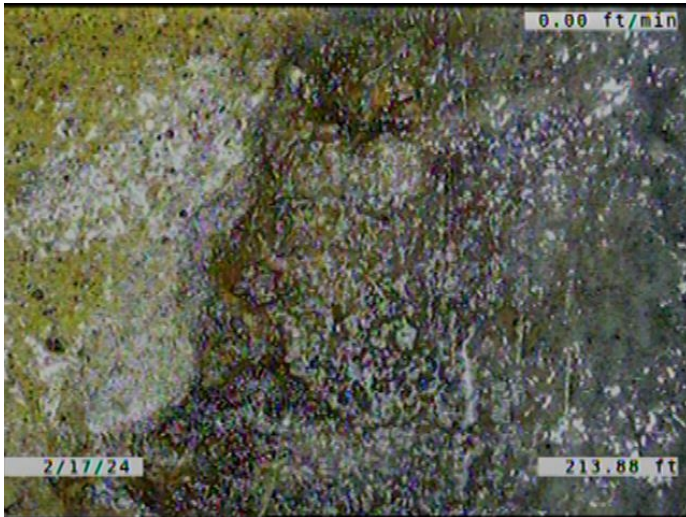
---



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

Distance (ft): **213.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

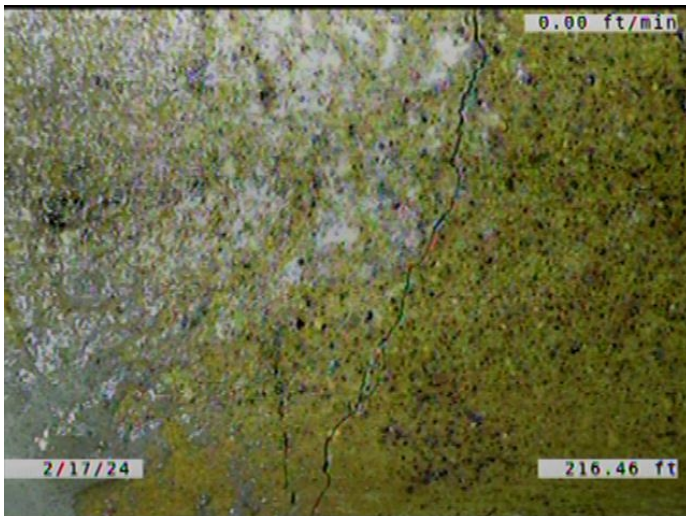
---



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

Distance (ft): **213.9**  
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:

---

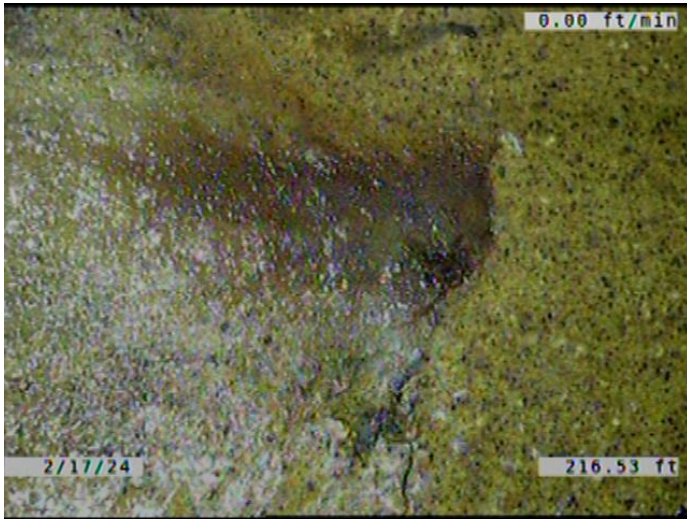


Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **216.5**  
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:

---

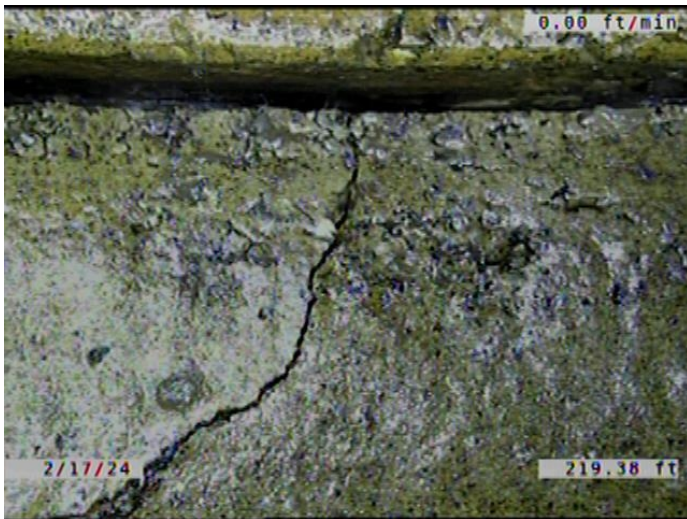




Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **216.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

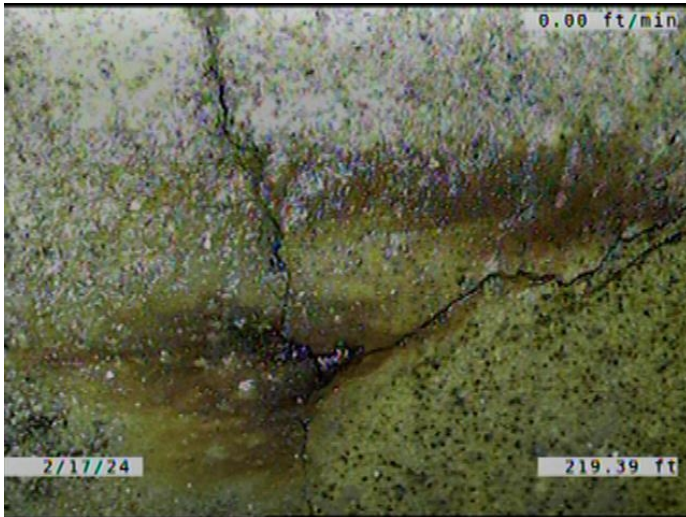
---



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

Distance (ft): **219.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

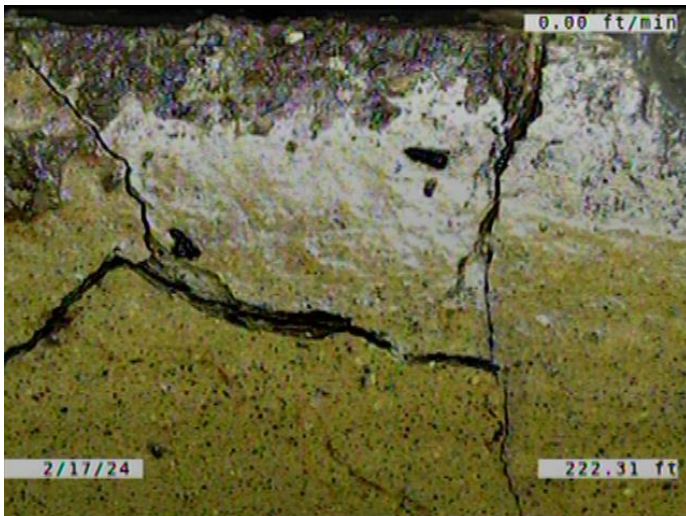
---



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

Distance (ft): **219.4**  
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:

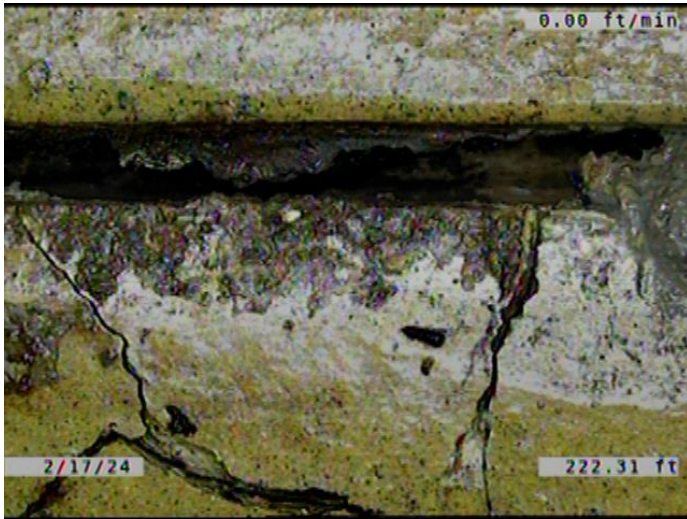
---



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

Distance (ft): **222.3**  
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:

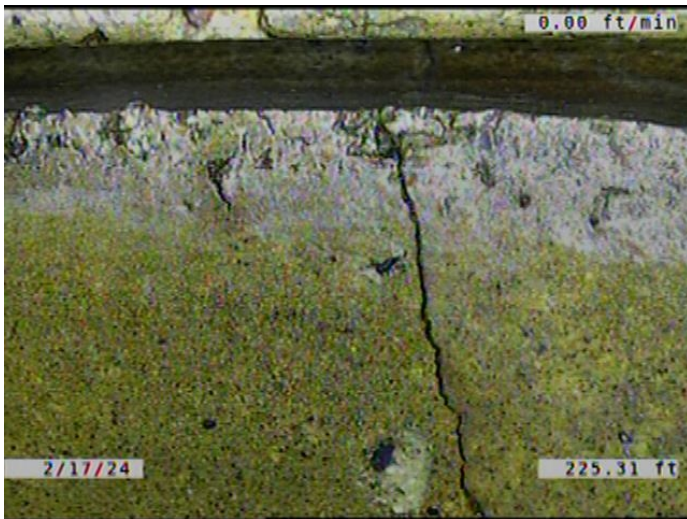
---



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

Distance (ft): **222.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S17**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **225.3**  
Structural Grade: **2**  
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:

---

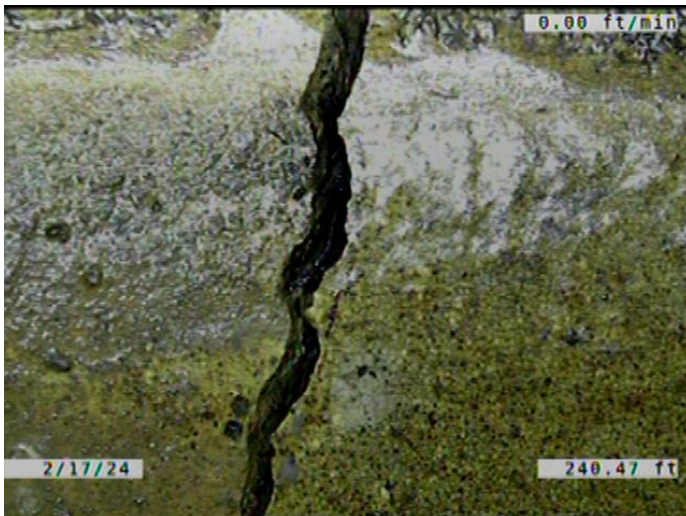




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **237.9**  
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:

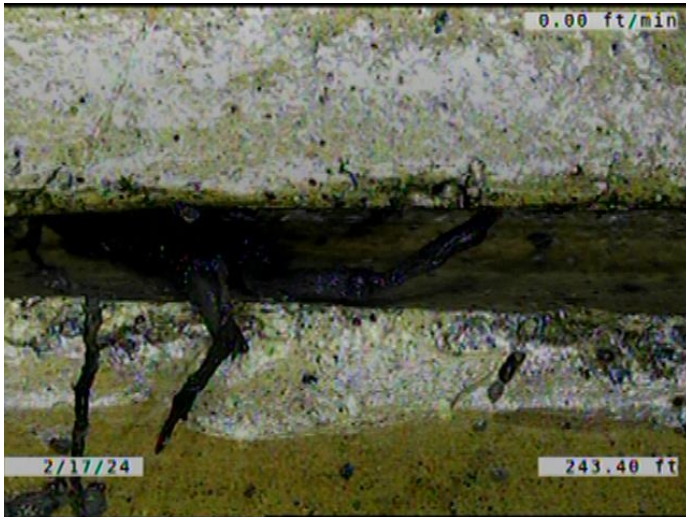
---



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

Distance (ft): **240.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S18**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **243.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **244.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S19**  
Within 8" of Joint: **NO**  
Remarks:

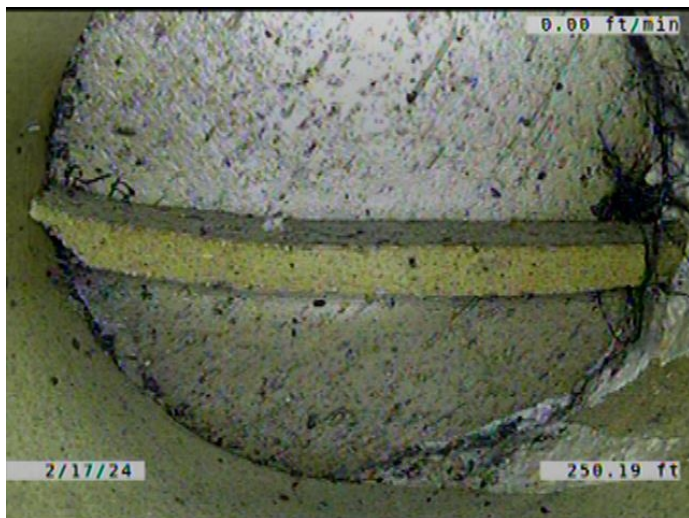
---



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

Distance (ft): **248.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F18**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **250.2**  
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. TAP BROKEN. ROOTS AND ENCRUSTATION CIMING AROUND T**

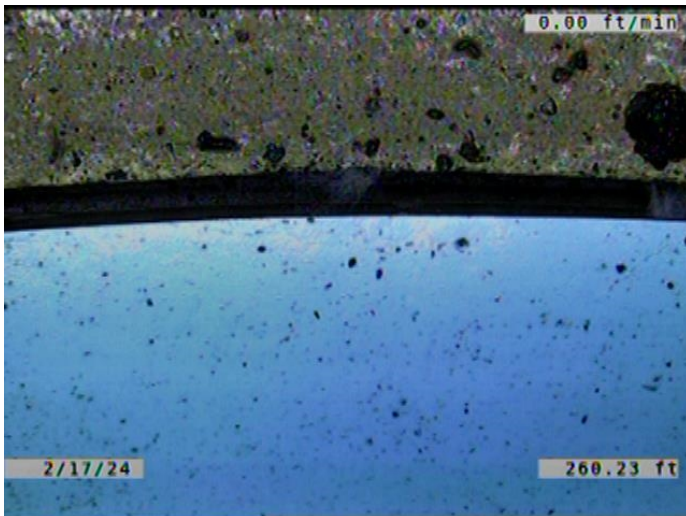
---





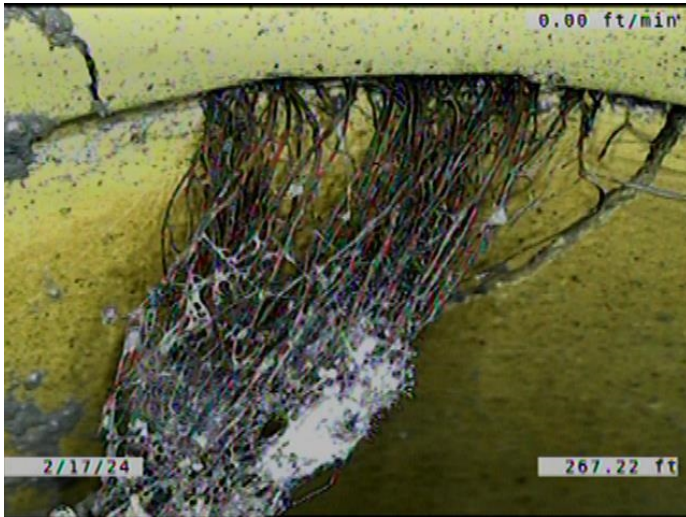
Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **257.3**  
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: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **260.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC BY H&G OCT 2023.**



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

Distance (ft): **267.2**  
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:

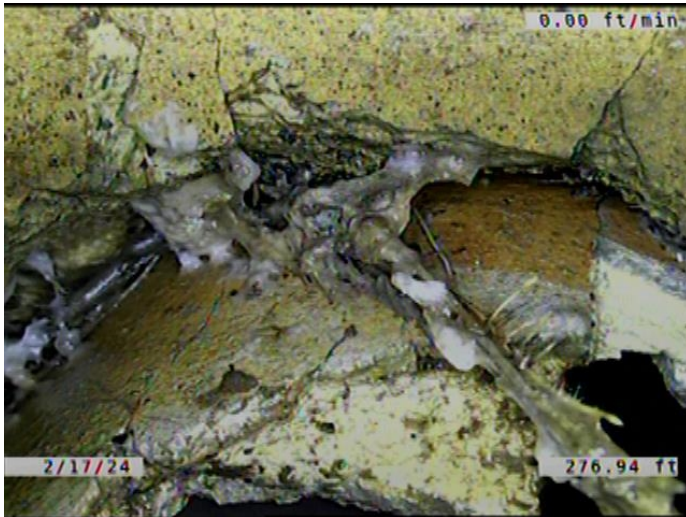
---



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

Distance (ft): **267.2**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **5**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **WATER EXITING THE PIPE.**

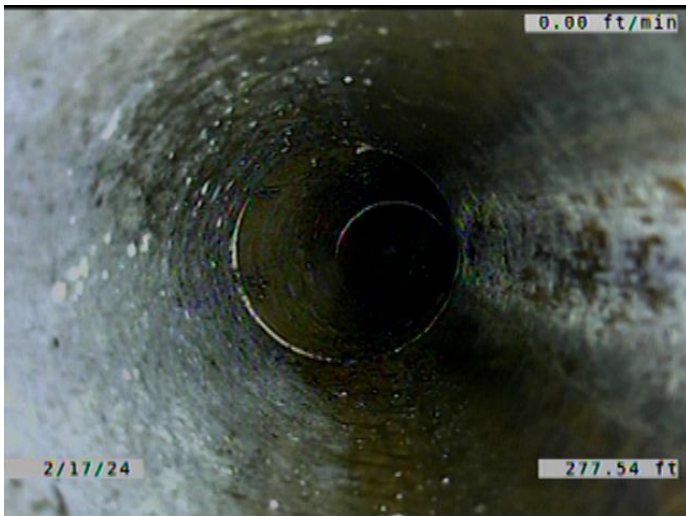
---



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

Distance (ft): **276.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **277.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value: **3.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ROOTS GROWING IN THE JOINTS.  
AND AT THE SERVICE TO MAIN CON**

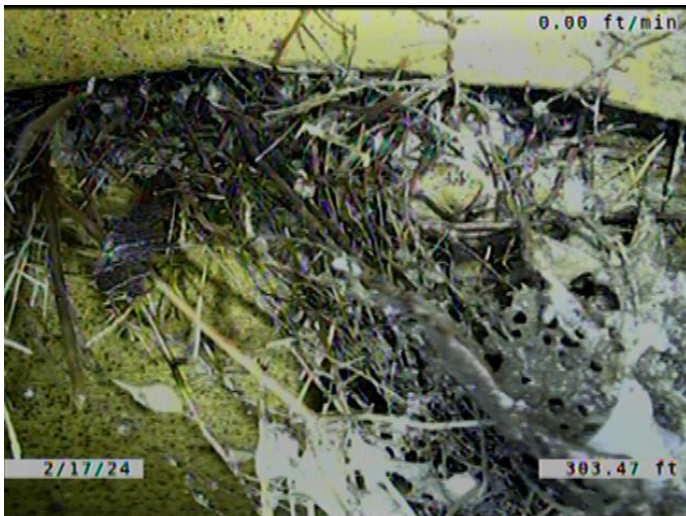
---





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

Distance (ft): **282.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S20**  
 Within 8" of Joint: **YES**  
 Remarks:



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

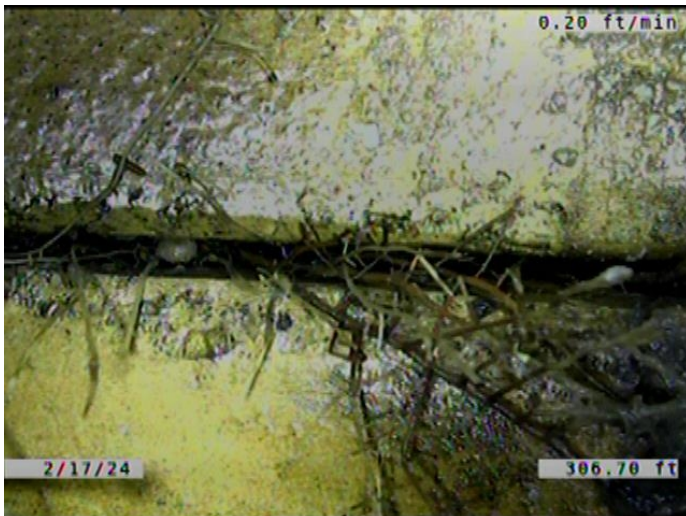
Distance (ft): **303.5**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **303.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F20**  
Within 8" of Joint: **YES**  
Remarks:

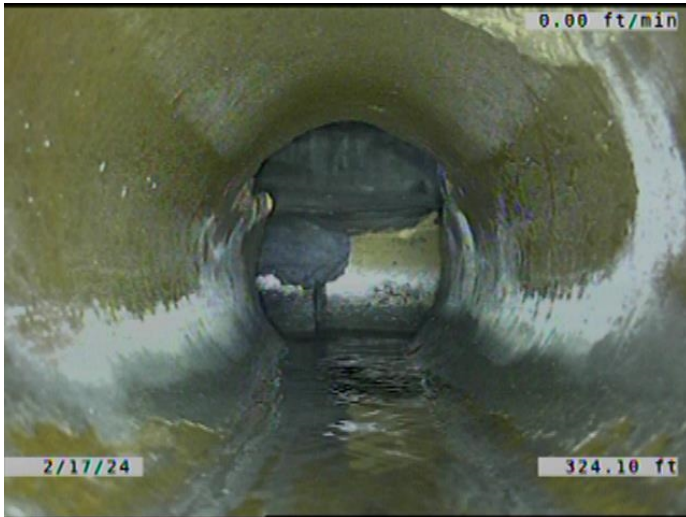
---



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

Distance (ft): **306.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S21**  
Within 8" of Joint: **YES**  
Remarks:

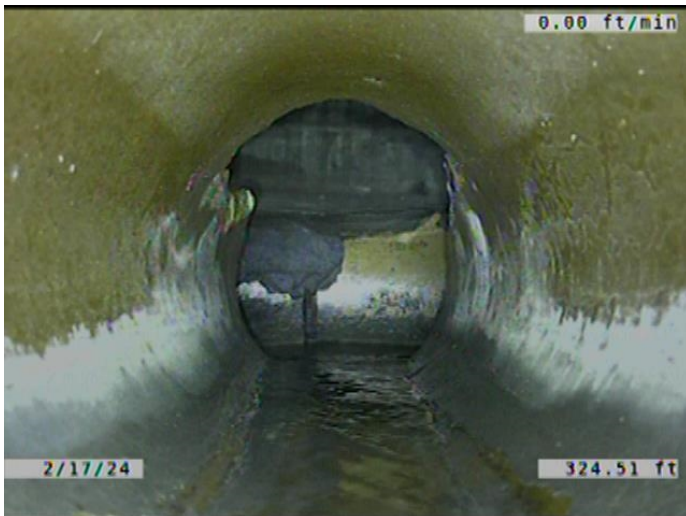
---



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

Distance (ft): **324.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F19**  
Within 8" of Joint: **NO**  
Remarks:

---

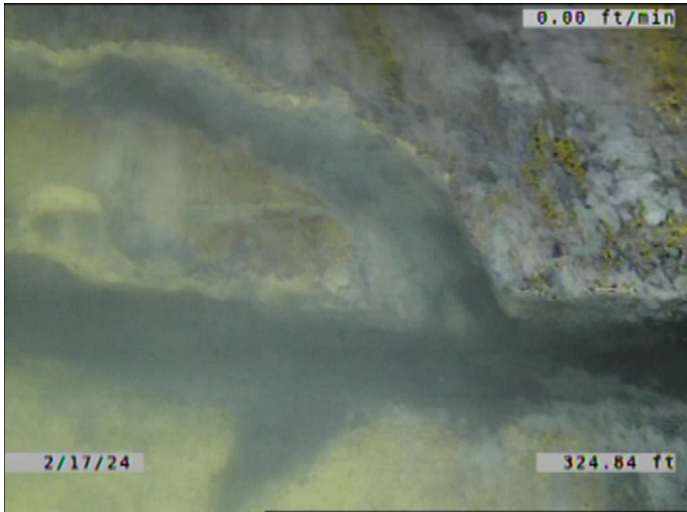


Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **324.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F21**  
Within 8" of Joint: **YES**  
Remarks:

---

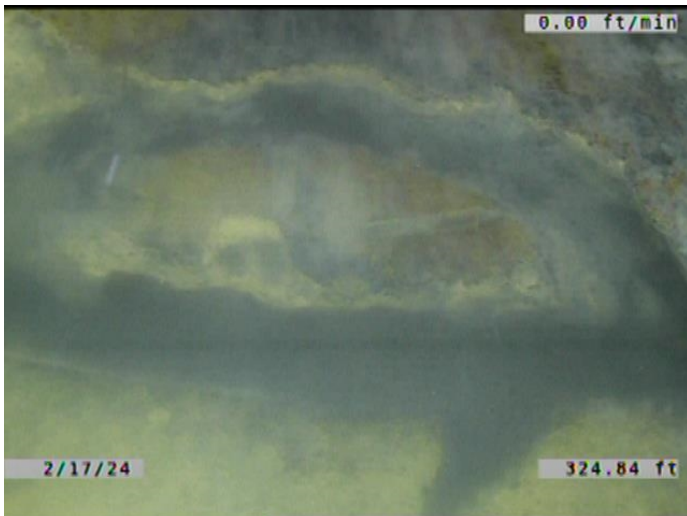




Code: **B**  
Description: **Broken**

Distance (ft): **324.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **6**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **324.8**  
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: **WATER EXITING THE PIPE.**

---



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

Distance (ft): **325.3**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ROOTS GROWING IN THE HOLE.**

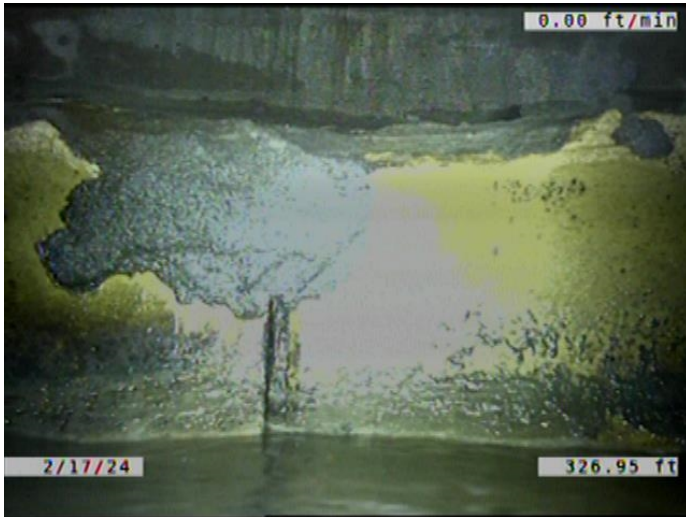
---



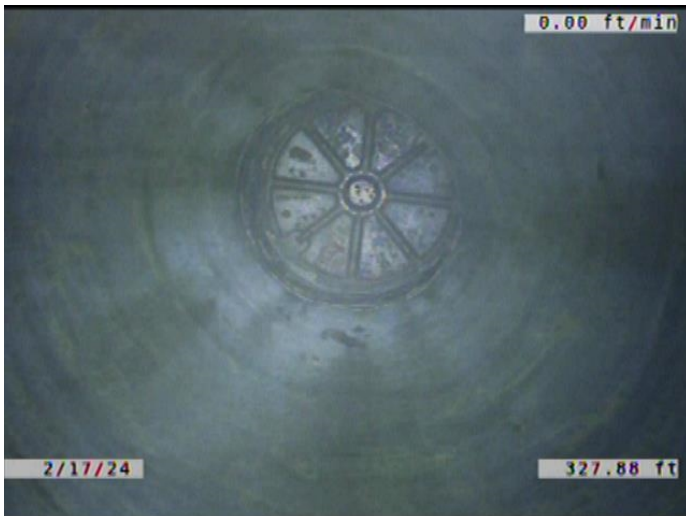
Code: **RFB**  
Description: **Roots Fine Barrel**

Distance (ft): **325.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>326.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>F17</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	



Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>327.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-405-035</b>