

# Profile/Photo Observation Report



Date:	11/06/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	303.8	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-404-005-004
Customer:	City of Hobart	Clean Date:	11/06/2021	Shape:	C

Street:	North Wabash Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-404-005	DS MH:	M-404-004
		Total Length Surveyed (ft):	303.8

O&M Index:	2.00	O&M Quick:	332F	O&M Rating:	82.00
Structural Index:	2.67	Structural Quick:	5148	Structural Rating:	192.00
Overall Index:	2.42	Overall Quick:	5148	Overall Rating:	274.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	2	NA
.0	MWL	Miscellaneous Water Level	11	NA
1.5	MGO	Miscellaneous General Observation	19	NA
2.4	TFC	Tap Factory Capped	59	NA
2.4	DAE	Deposits Attached Encrustation	72	M 2
3.9	SMW	Surface Damage Missing Wall	102	S 5
4.1	CL	Crack Longitudinal	108	S 2
4.5	TFD	Tap Factory Defective	151	M 3
4.5	IDB	Infiltration Dripper Barrel	159	M 3
9.2	CS	Crack Spiral	216	S 2
10.2	JAL	Joint Angular Large	266	S 4
10.2	DAE	Deposits Attached Encrustation	277	M 2
10.2	B	Broken	302	S 4
10.2	DAE	Deposits Attached Encrustation	314	M 2
13.3	JAM	Joint Angular Medium	360	S 3
13.3	CM	Crack Multiple	380	S 3
13.3	DAE	Deposits Attached Encrustation	397	M 2
22.2	FS	Fracture Spiral	513	S 3
26.7	FM(S01)	Fracture Multiple	606	S 4

29.6	B	Broken	631	S 4
31.8	DAE	Deposits Attached Encrustation	661	M 2
31.8	MWLS(S02)	Miscellaneous Water Level Sag	676	S 2
31.8	FM(F01)	Fracture Multiple	682	S 4
45.1	MWLS(F02)	Miscellaneous Water Level Sag	757	S 2
55.1	SSS	Surface Damage Surface Spalling	812	S 2
56.4	TFC	Tap Factory Capped	838	NA
63.5	CM	Crack Multiple	901	S 3
73.7	FL	Fracture Longitudinal	1022	S 3
73.7	ISB	Infiltration Stain Barrel	1026	M 1
73.7	SSS	Surface Damage Surface Spalling	1038	S 2
74.3	TBI	Tap Break-in Intruding	1048	M 2
74.3	CM(S07)	Crack Multiple	1064	S 3
77.7	B	Broken	1088	S 4
81.6	TBI	Tap Break-in Intruding	1140	M 2
82.2	FM	Fracture Multiple	1197	S 4
82.2	ISB	Infiltration Stain Barrel	1207	M 1
92.6	TFC	Tap Factory Capped	1287	NA
104.6	FS	Fracture Spiral	1350	S 3
105.2	FL	Fracture Longitudinal	1354	S 3
116.8	TFC	Tap Factory Capped	1411	NA
121.9	MWLS(S03)	Miscellaneous Water Level Sag	1450	S 2
123.3	SSS	Surface Damage Surface Spalling	1478	S 2
123.9	TBI	Tap Break-in Intruding	1511	M 2
128.0	DAE	Deposits Attached Encrustation	1603	M 2
128.0	SSS	Surface Damage Surface Spalling	1605	S 2
128.8	TBI	Tap Break-in Intruding	1630	M 2
142.9	DAE	Deposits Attached Encrustation	1757	M 2
146.7	DAE	Deposits Attached Encrustation	1842	M 2
147.0	TFC	Tap Factory Capped	1858	NA
158.3	DAE	Deposits Attached Encrustation	1946	M 2
158.6	DAE	Deposits Attached Encrustation	1977	M 2
161.2	DAE(S04)	Deposits Attached Encrustation	2032	M 2
172.0	MWLS(F03)	Miscellaneous Water Level Sag	2097	S 2
174.1	TFC	Tap Factory Capped	2130	NA
176.8	SSS	Surface Damage Surface Spalling	2160	S 2
177.2	TBI	Tap Break-in Intruding	2187	M 2
177.7	CM(F07)	Crack Multiple	2205	S 3
177.7	DAE(F04)	Deposits Attached Encrustation	2210	M 2
191.4	MWLS(S05)	Miscellaneous Water Level Sag	2270	S 2
194.6	DAE	Deposits Attached Encrustation	2315	M 2
197.7	DAE	Deposits Attached Encrustation	2371	M 2

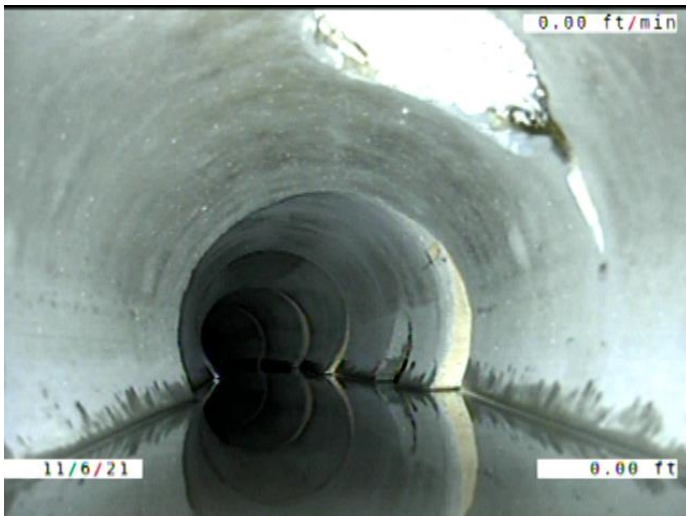
203.4	ISB	Infiltration Stain Barrel	2426	M 1
205.0	TFD	Tap Factory Defective	2470	M 3
206.7	B	Broken	2515	S 4
206.7	DAE	Deposits Attached Encrustation	2533	M 2
207.5	TBI	Tap Break-in Intruding	2551	M 2
210.9	CS	Crack Spiral	2580	S 2
216.0	DAE	Deposits Attached Encrustation	2627	M 2
221.9	DAE	Deposits Attached Encrustation	2690	M 2
227.0	MWLS(F05)	Miscellaneous Water Level Sag	2729	S 2
228.3	DAE	Deposits Attached Encrustation	2768	M 2
229.2	TFC	Tap Factory Capped	2791	NA
237.4	CC	Crack Circumferential	2859	S 1
237.4	DAE	Deposits Attached Encrustation	2869	M 2
246.5	CL	Crack Longitudinal	2919	S 2
246.5	DAE	Deposits Attached Encrustation	2942	M 2
253.2	DAE	Deposits Attached Encrustation	3001	M 2
253.4	TFC	Tap Factory Capped	3017	NA
258.6	DAE	Deposits Attached Encrustation	3074	M 2
259.8	SSS	Surface Damage Surface Spalling	3110	S 2
260.3	TBI	Tap Break-in Intruding	3122	M 2
264.4	DAE	Deposits Attached Encrustation	3166	M 2
279.2	CM	Crack Multiple	3235	S 3
279.6	SSS	Surface Damage Surface Spalling	3253	S 2
280.3	TBI	Tap Break-in Intruding	3272	M 2
285.9	DAE(S06)	Deposits Attached Encrustation	3343	M 2
290.5	CL	Crack Longitudinal	3378	S 2
292.9	TFC	Tap Factory Capped	3397	NA
298.7	CM	Crack Multiple	3428	S 3
299.0	B	Broken	3428	S 4
302.2	DAE(F06)	Deposits Attached Encrustation	3446	M 2
303.8	AMH	Manhole	3524	NA

M-404-004



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

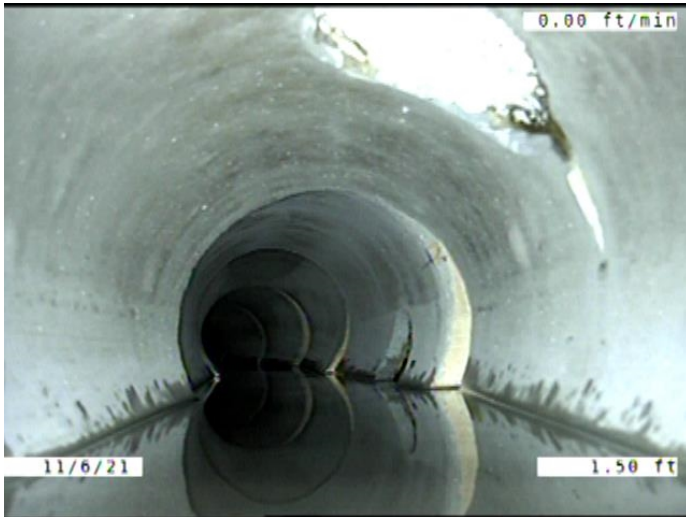
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **M-404-005**



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

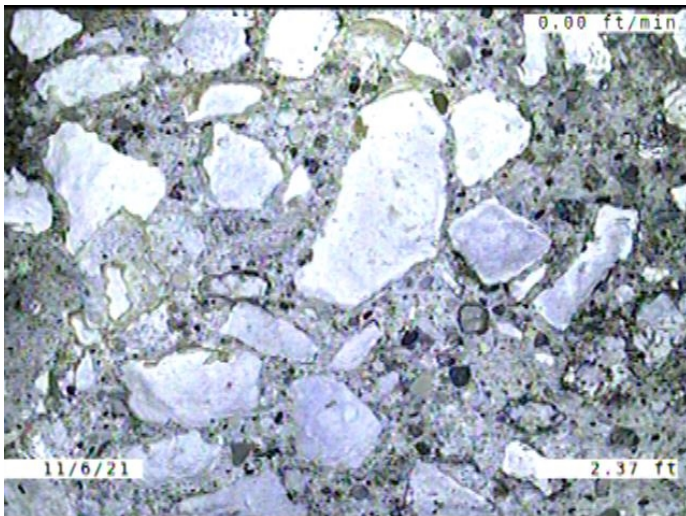
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





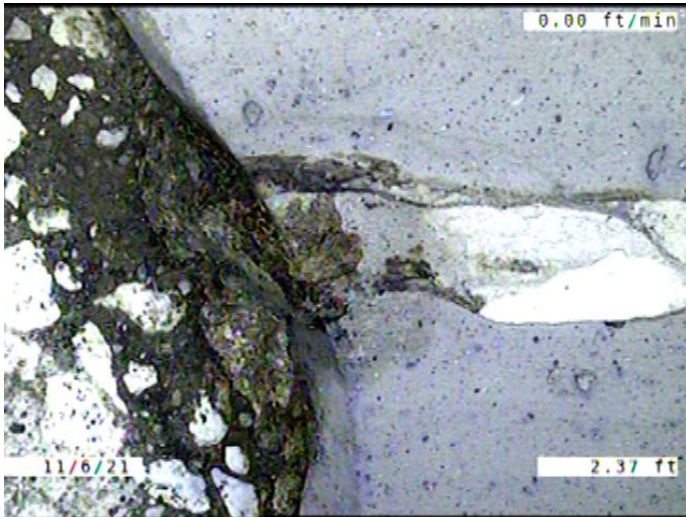
Code: **MGO**  
 Description: **Miscellaneous General Observation**

Distance (ft): **1.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.**



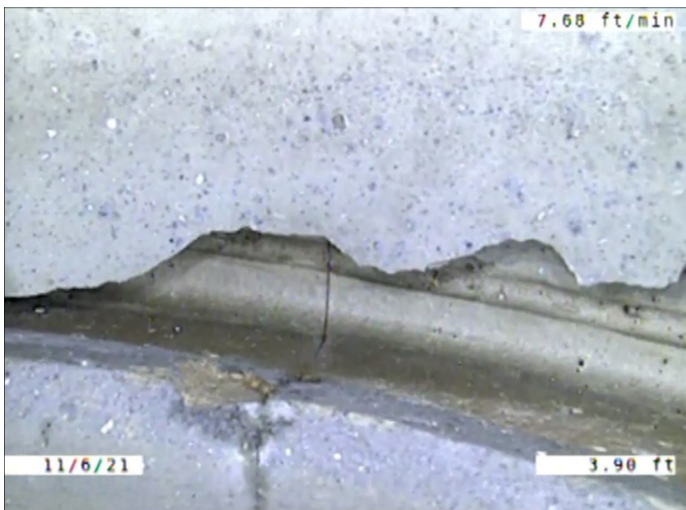
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **2.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



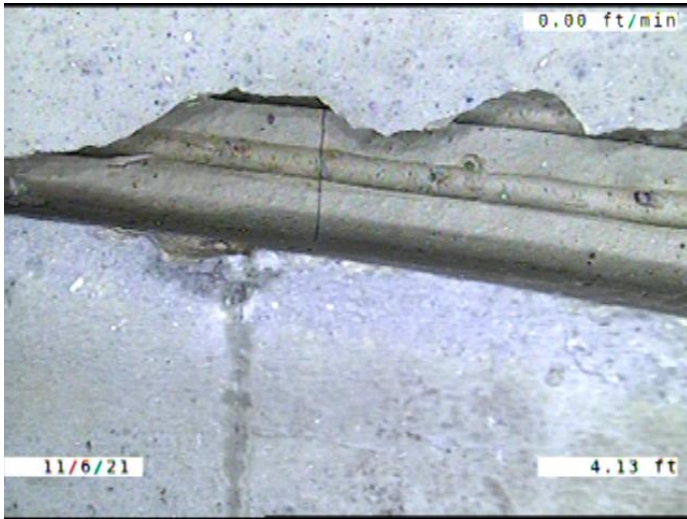
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **2.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

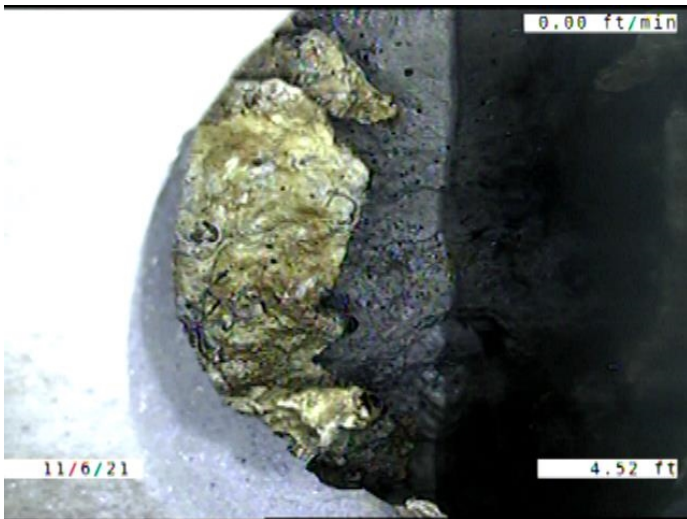
Distance (ft): **3.9**  
 Structural Grade: **5**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **4.1**  
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:

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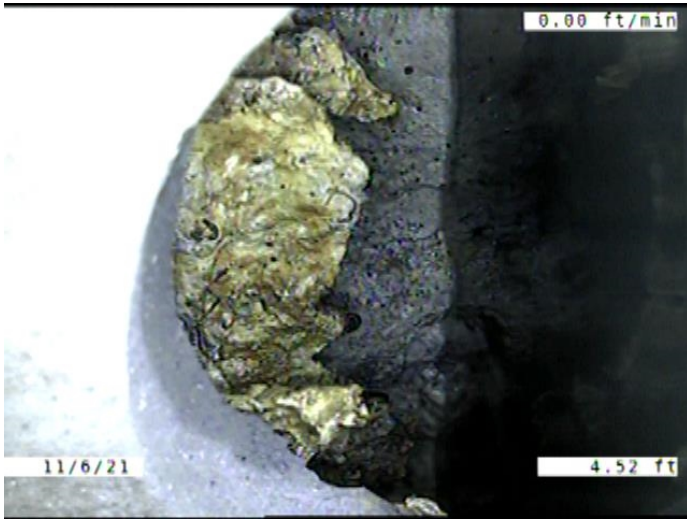


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **4.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **4**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **DAE, SOIL VISIBLE TOO**

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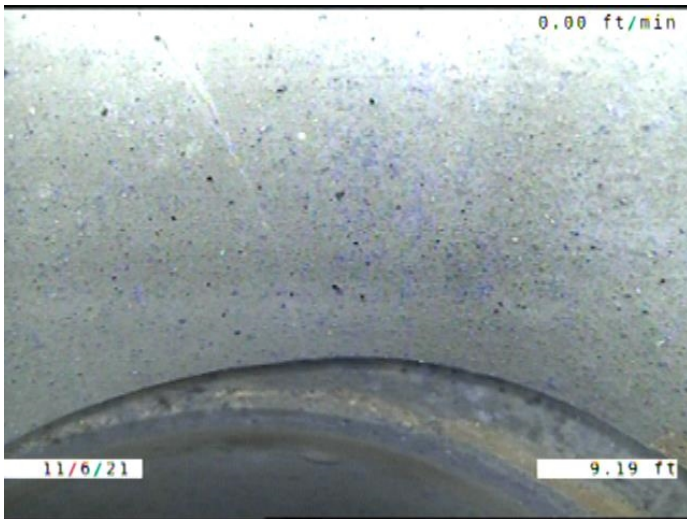




Code: **IDB**  
Description: **Infiltration Dripper Barrel**

Distance (ft): **4.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **3**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

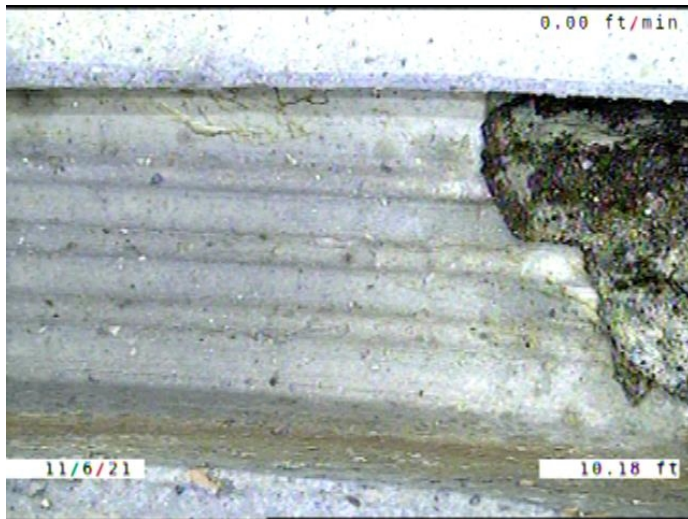
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Code: **CS**  
Description: **Crack Spiral**

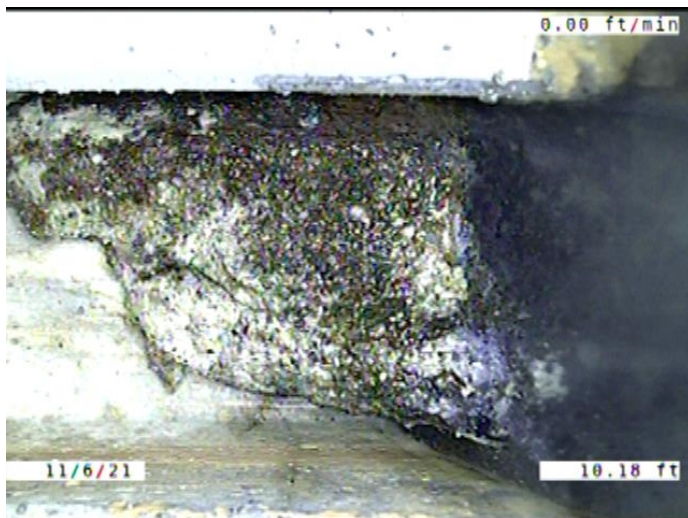
Distance (ft): **9.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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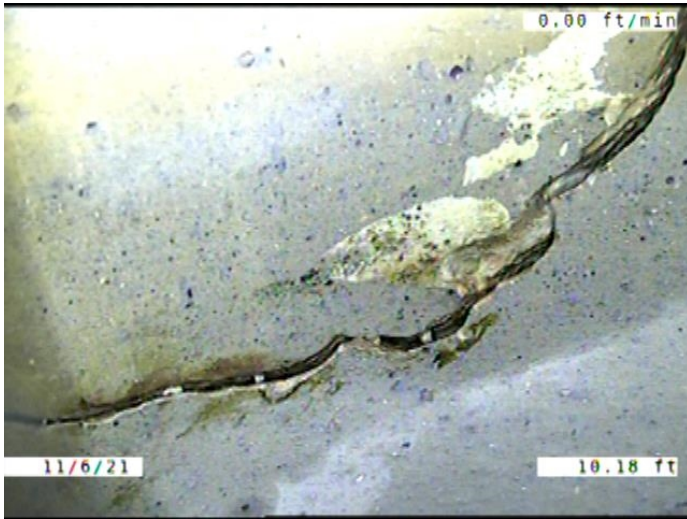
Code: **JAL**  
 Description: **Joint Angular Large**

Distance (ft): **10.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



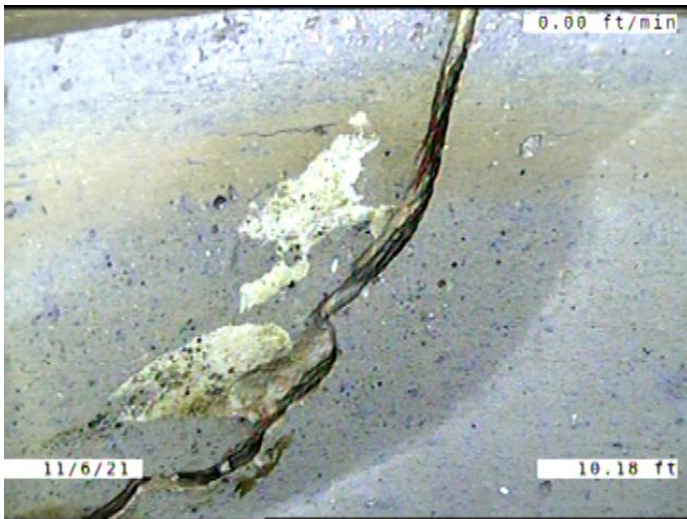
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **10.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **10.2**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **10.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **13.3**  
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:

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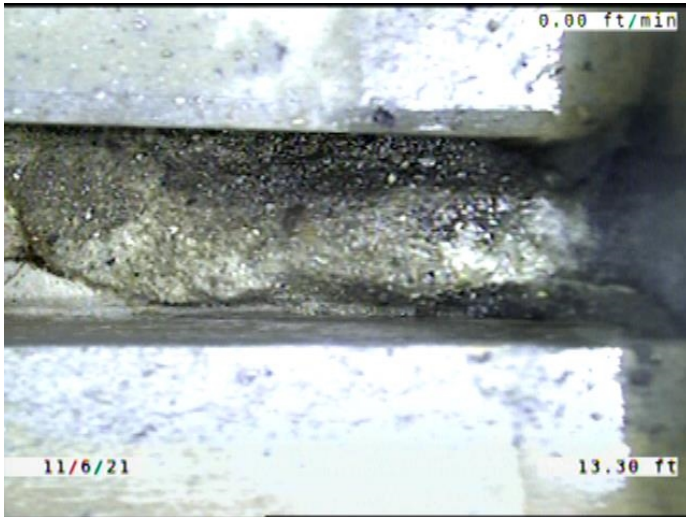


Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **13.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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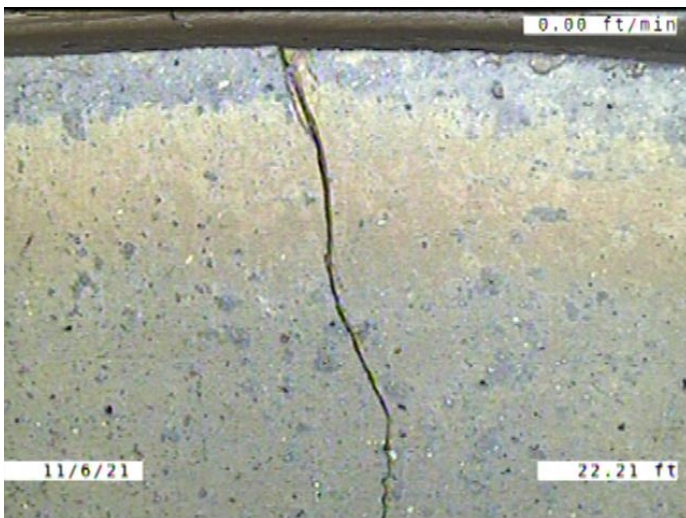




Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **13.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

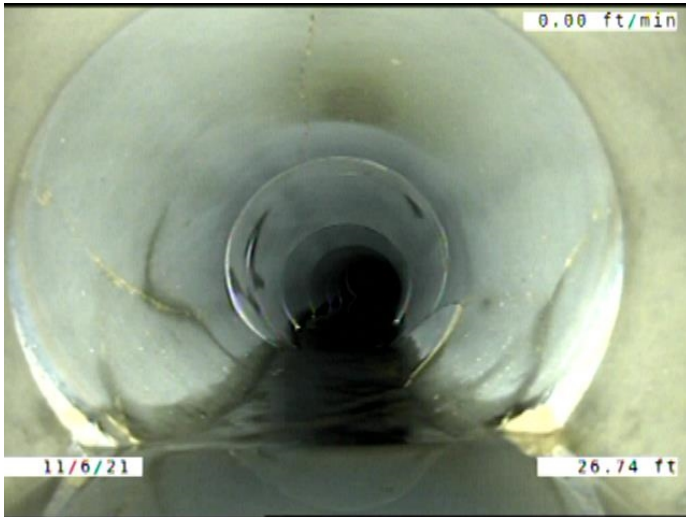
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Code: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **22.2**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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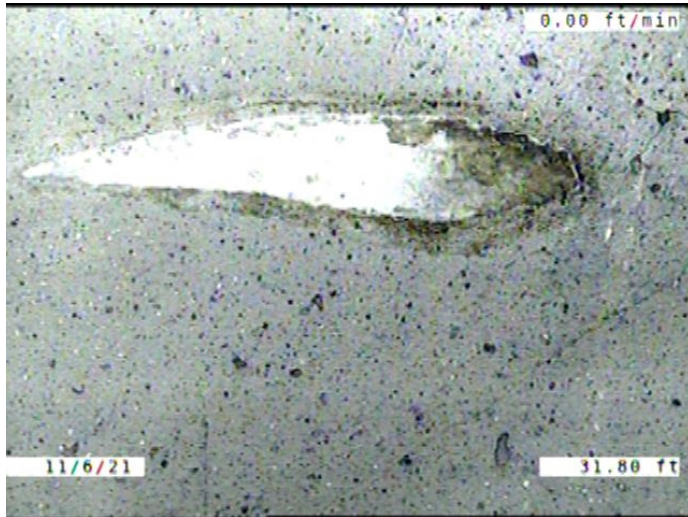
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **26.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **29.6**  
 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: **NO**  
 Remarks:



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

Distance (ft): **31.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **31.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

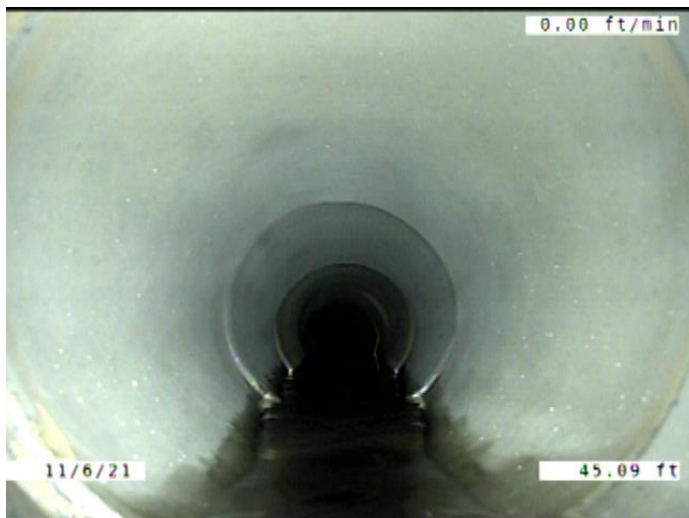
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **31.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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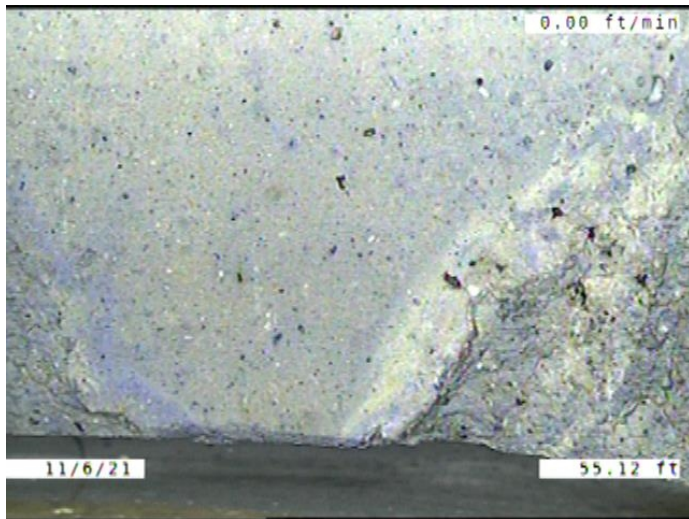


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **45.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

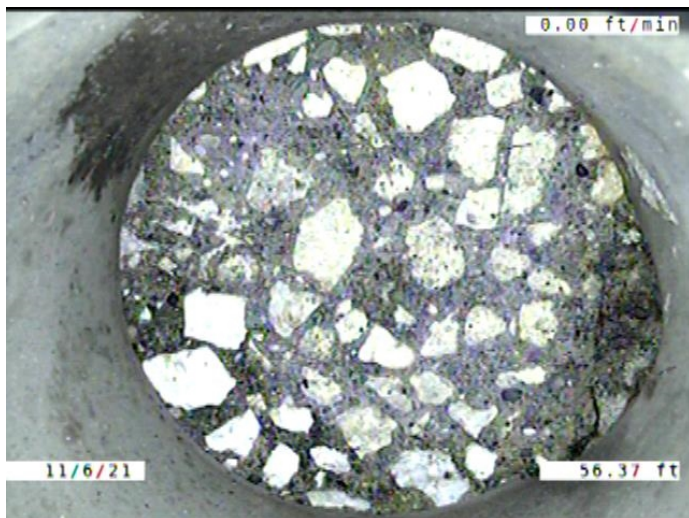
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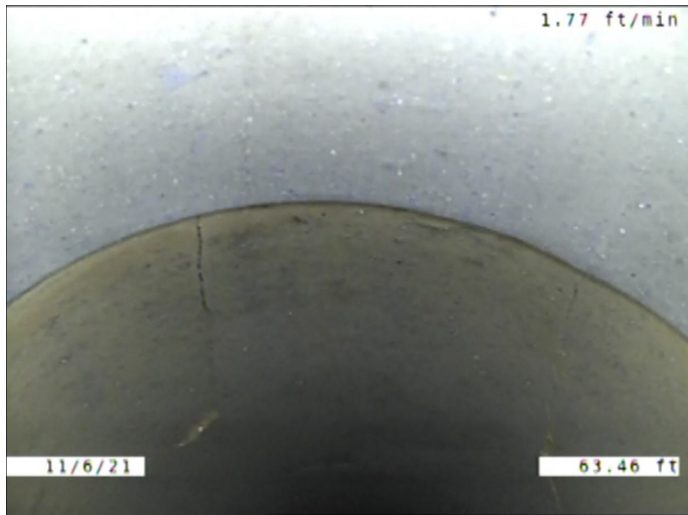
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **55.1**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

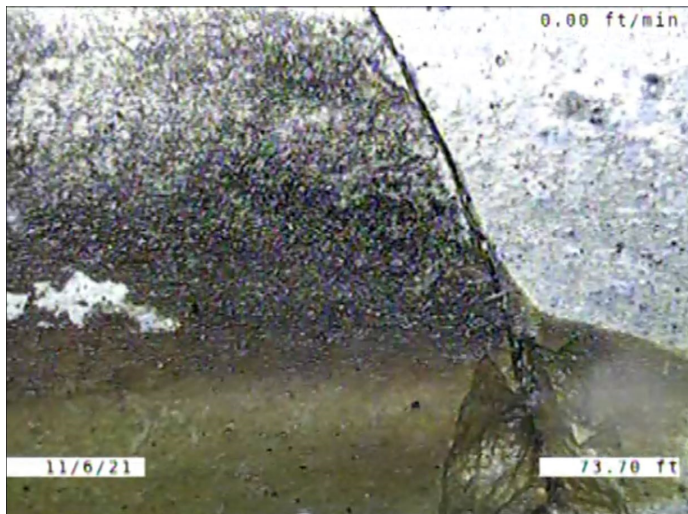
Distance (ft): **56.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **63.5**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

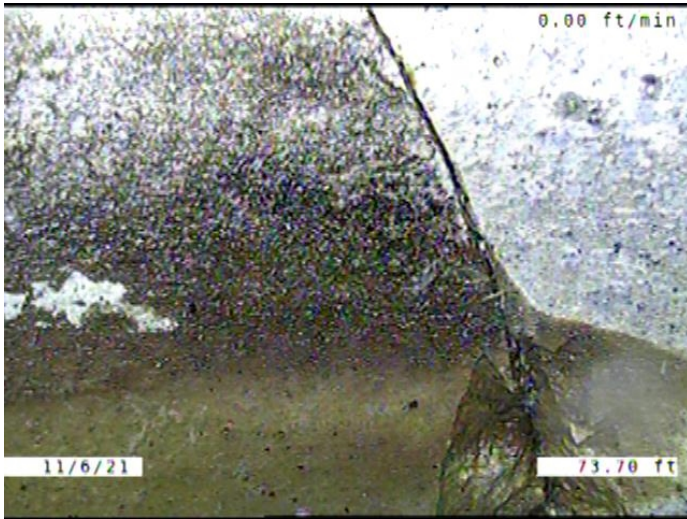
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Code: **FL**  
Description: **Fracture Longitudinal**

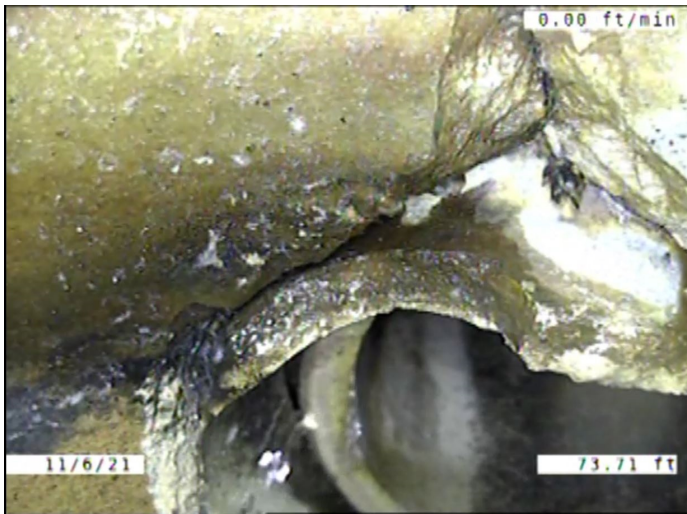
Distance (ft): **73.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

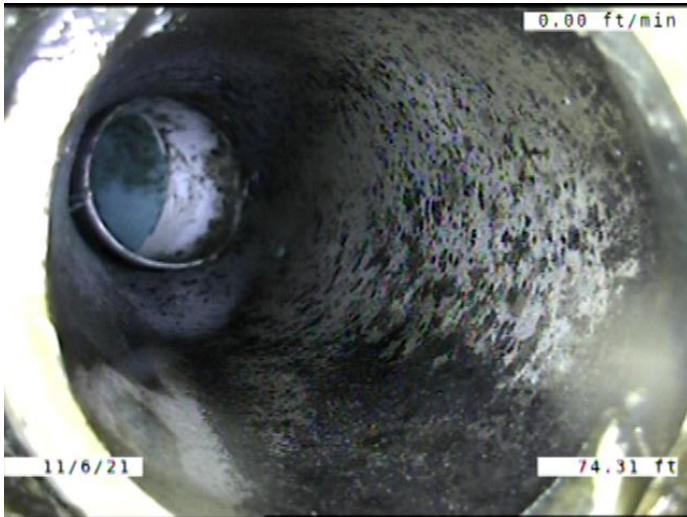
Distance (ft): **73.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



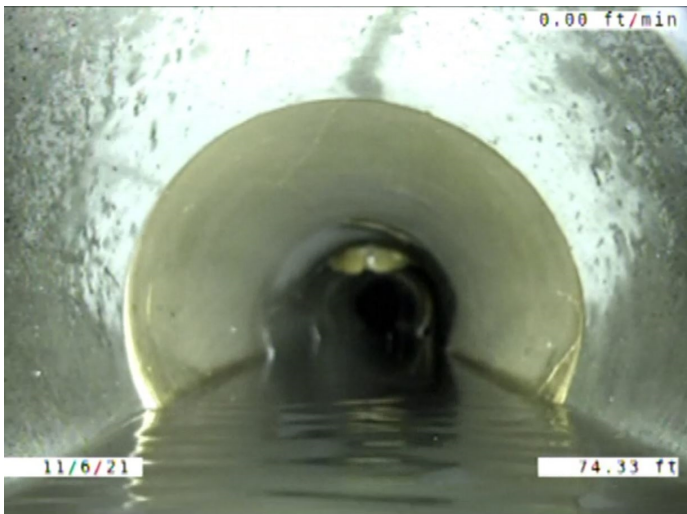
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **73.7**  
 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: **NO**  
 Remarks:

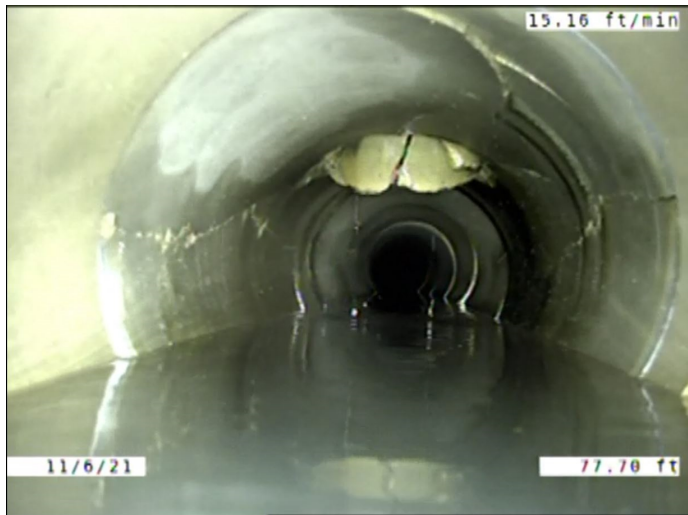




Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>74.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CONSTANTLY RUNNING WATER</b>



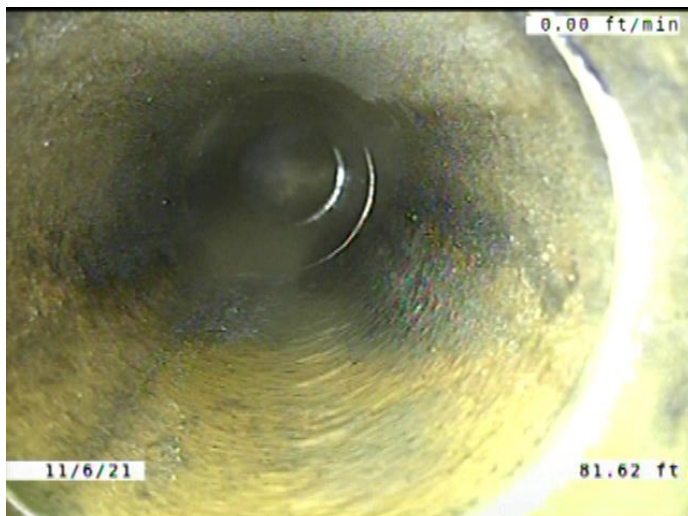
Code:	<b>CM</b>
Description:	<b>Crack Multiple</b>
Distance (ft):	<b>74.3</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S07</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>Wandering</b>



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

Distance (ft): **77.7**  
Structural Grade: **4**  
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:

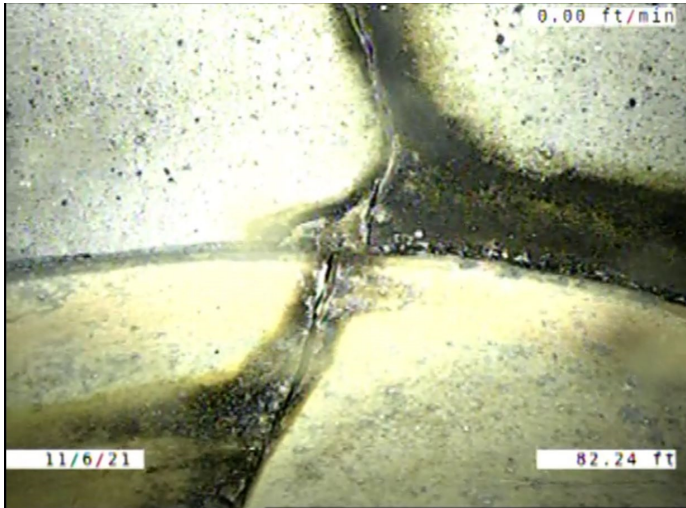
---



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

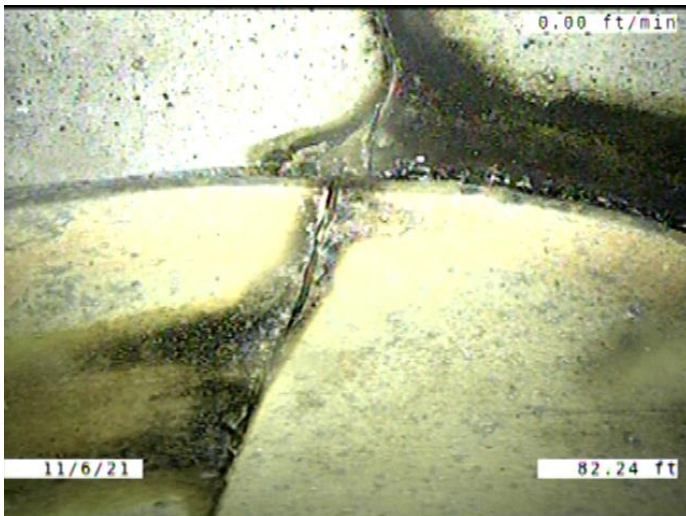
Distance (ft): **81.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**

---



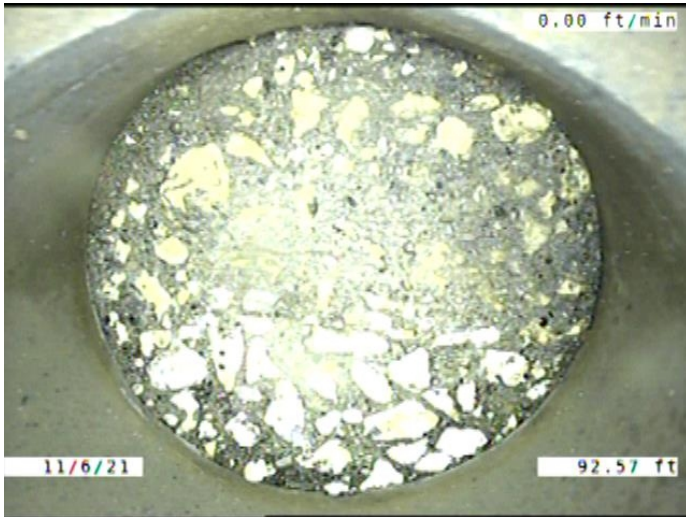
Code: **FM**  
 Description: **Fracture Multiple**

Distance (ft): **82.2**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

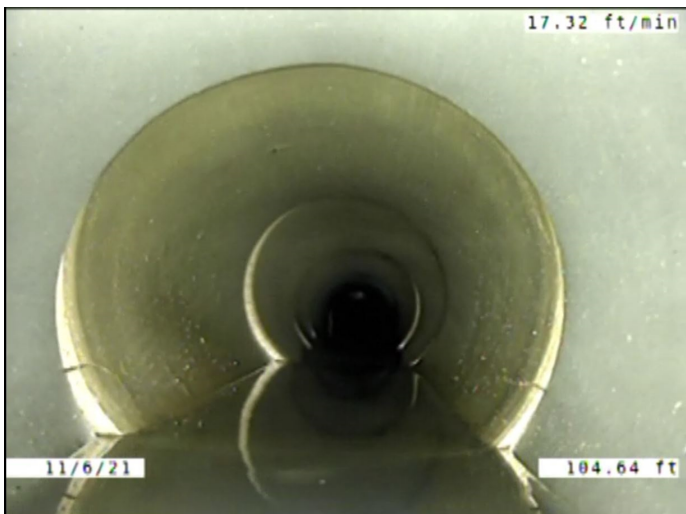
Distance (ft): **82.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **92.6**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---

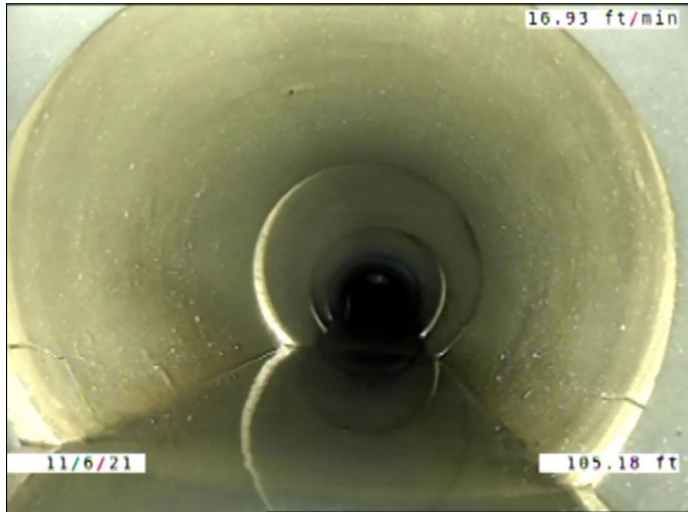


Code: **FS**  
 Description: **Fracture Spiral**

Distance (ft): **104.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **7**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

---

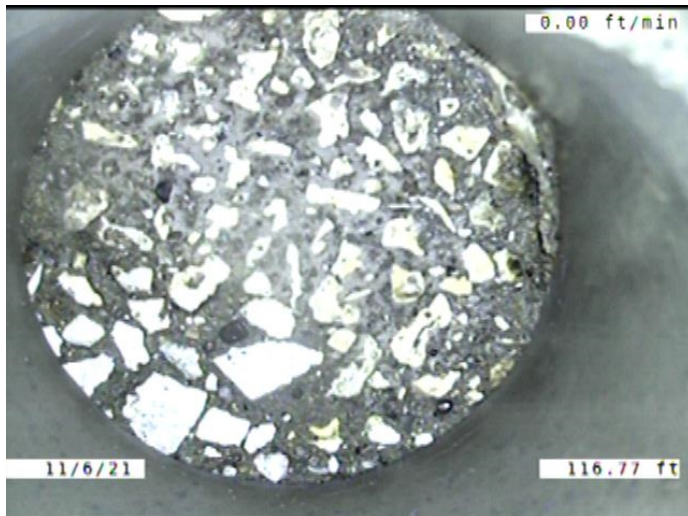




Code: **FL**  
Description: **Fracture Longitudinal**

Distance (ft): **105.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

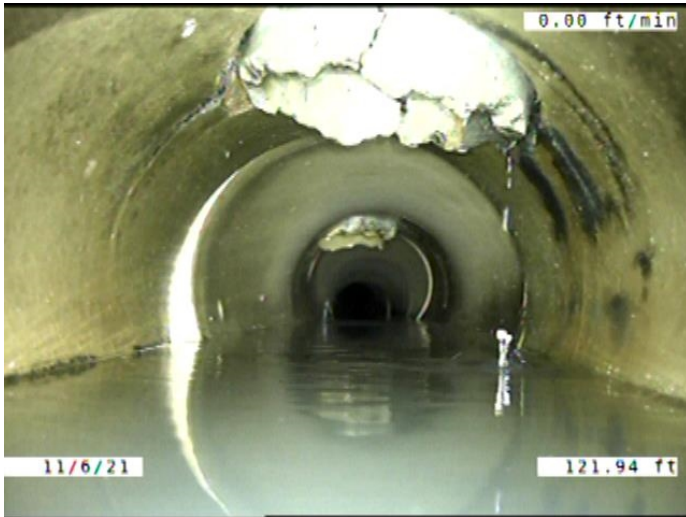
---



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

Distance (ft): **116.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

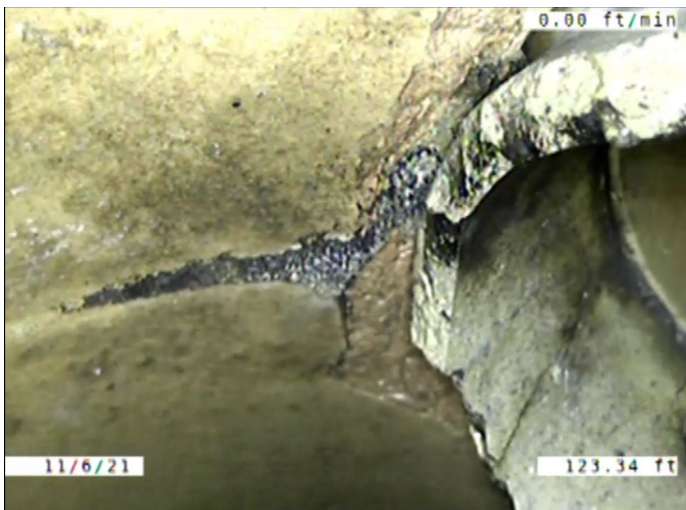
---



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

Distance (ft): **121.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **NO**  
 Remarks:

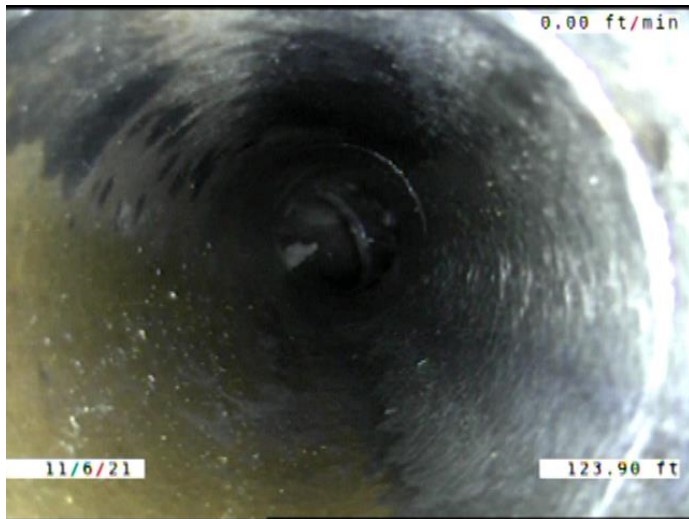
---



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

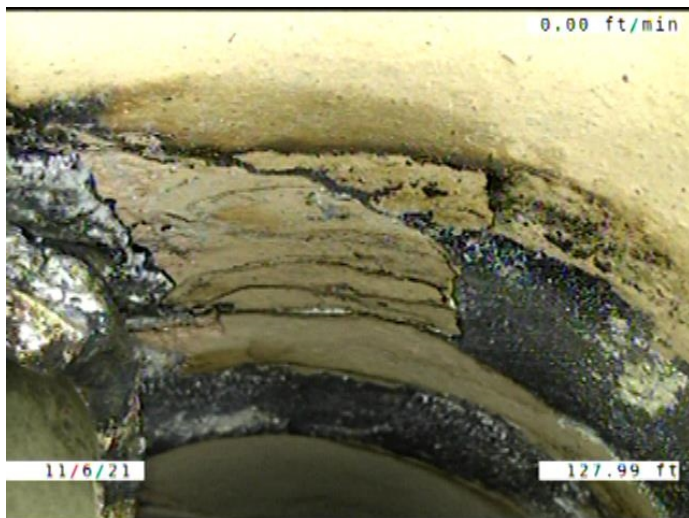
Distance (ft): **123.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

---



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

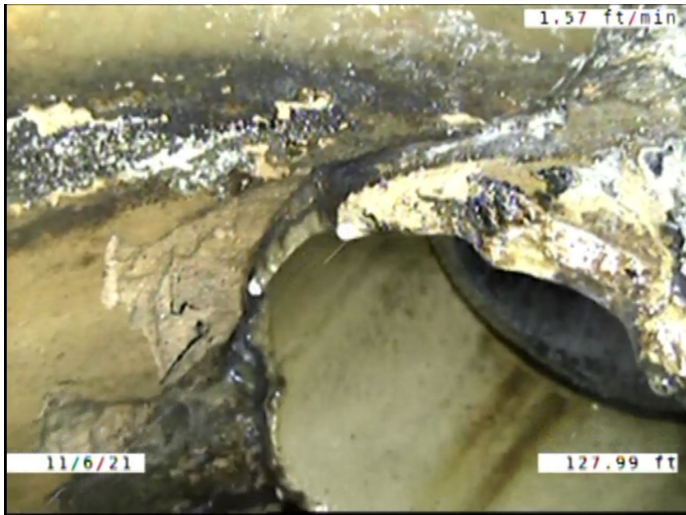
Distance (ft): **123.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **LARGE OFFSET**



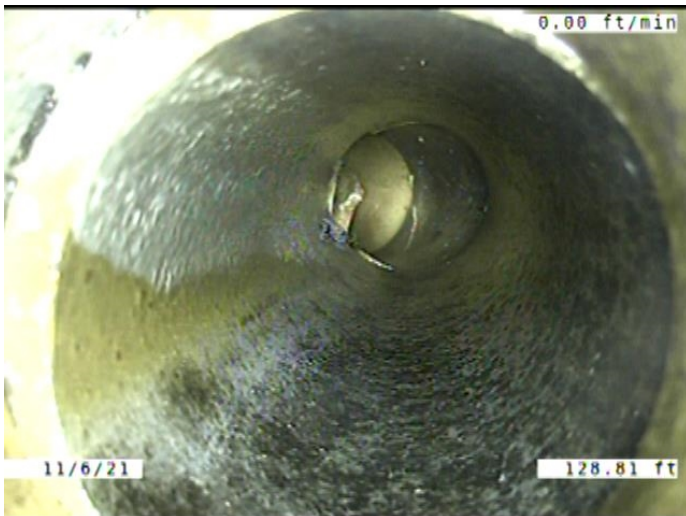
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **128.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

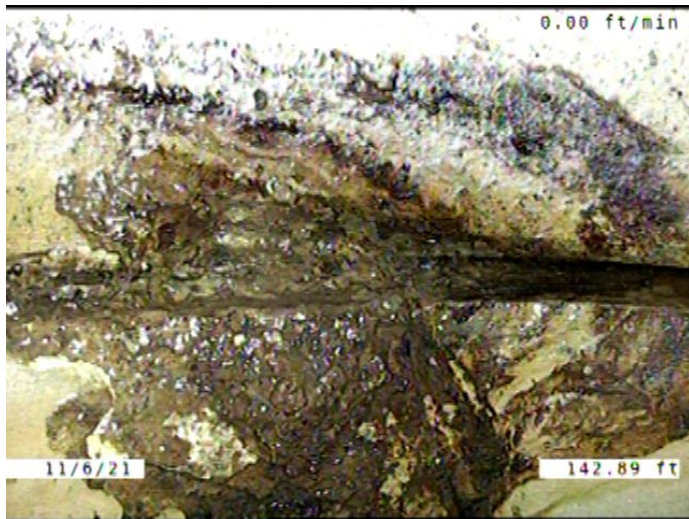




Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>128.0</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

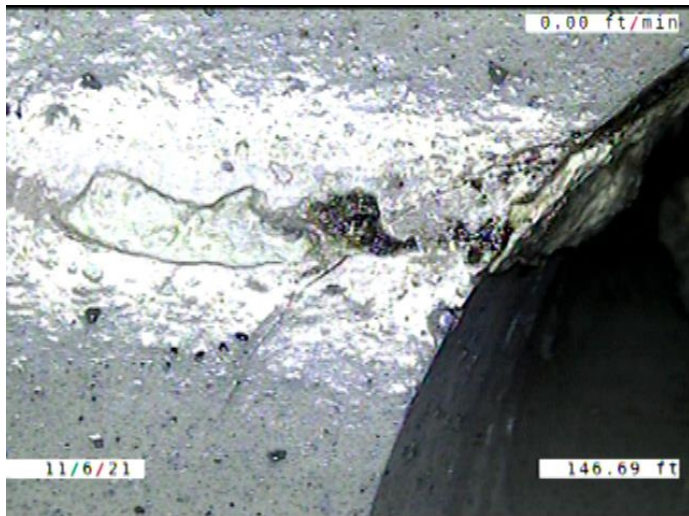


Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>128.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>BROKEN. CONSTANTLY RUNNING WATER.</b>



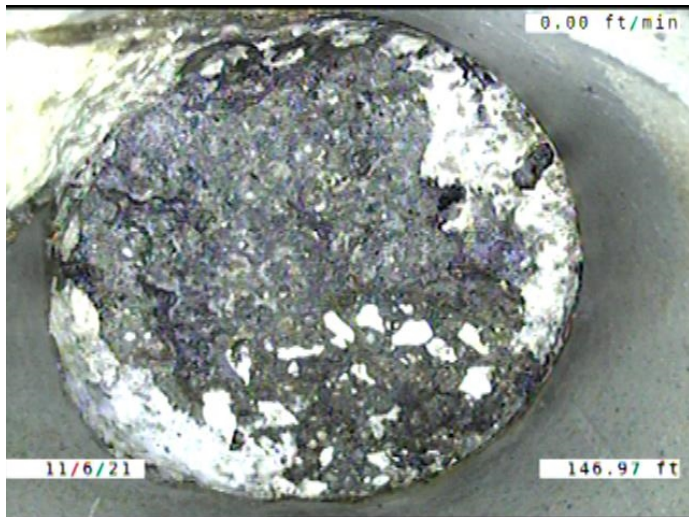
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **142.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



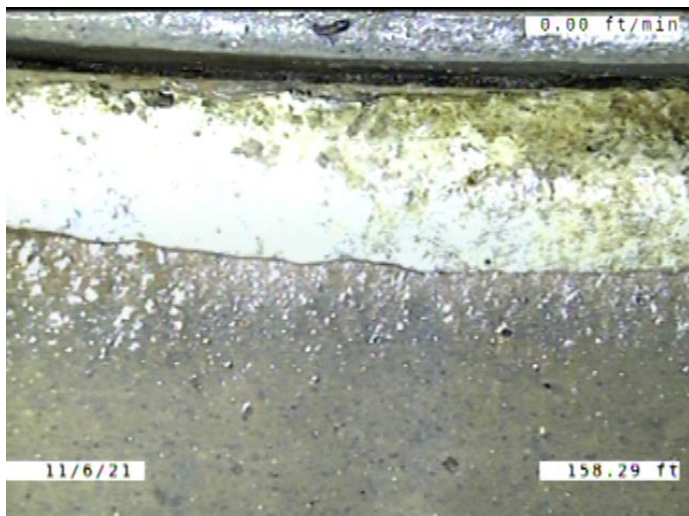
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **146.7**  
 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: **YES**  
 Remarks:



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

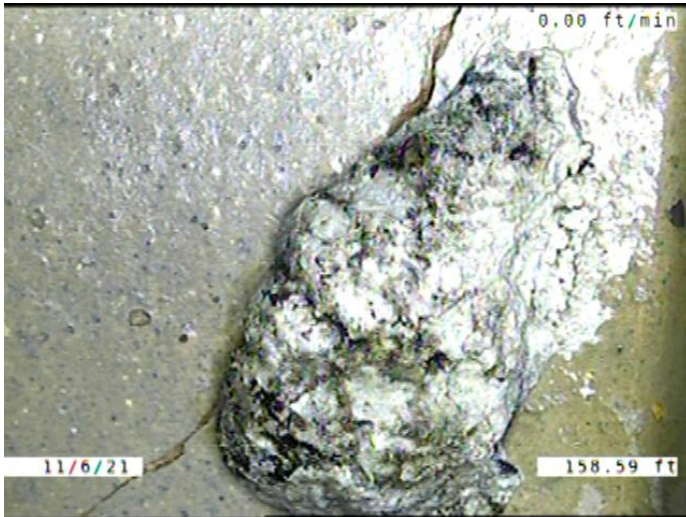
Distance (ft): **147.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCRUSTATION AROUND THE CAP**



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

Distance (ft): **158.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





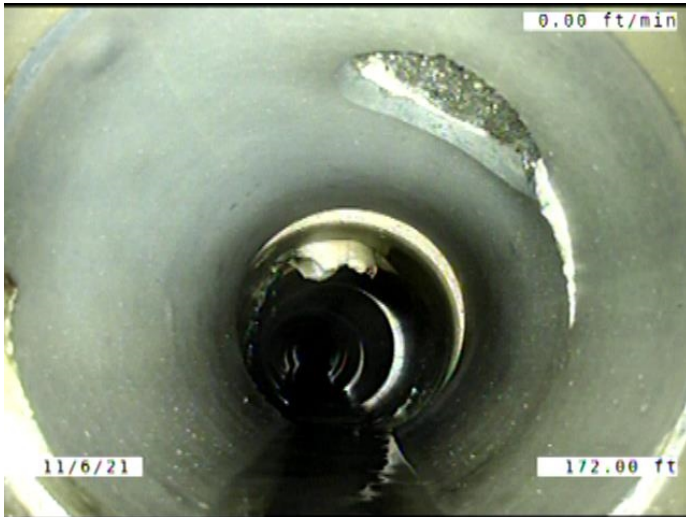
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **158.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



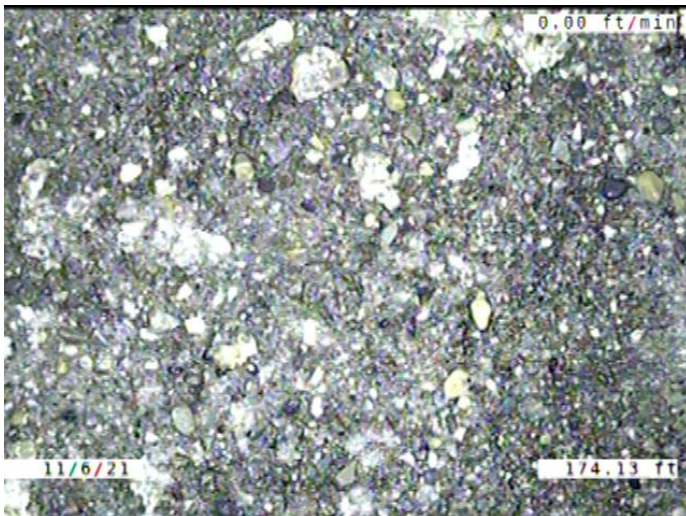
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **161.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:



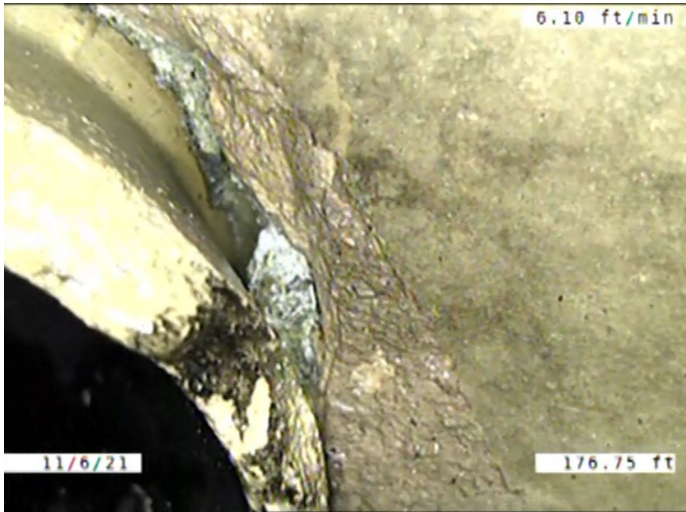
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **172.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:



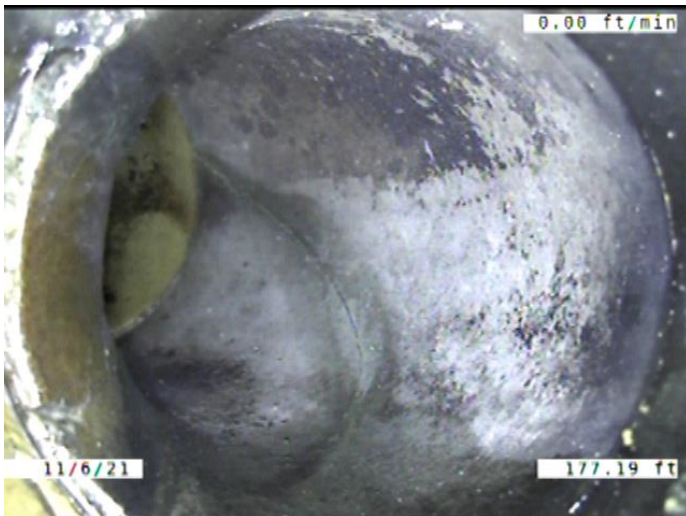
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **174.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCRUSTATION AROUND THE CAP**



Code:	<b>SSS</b>
Description:	<b>Surface Damage Surface Spalling</b>
Distance (ft):	<b>176.8</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

---



Code:	<b>TBI</b>
Description:	<b>Tap Break-in Intruding</b>
Distance (ft):	<b>177.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	<b>1.000</b>
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>CONSTANTLY RUNNING WATER.</b>

---





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

Distance (ft): **177.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F07**  
Within 8" of Joint: **YES**  
Remarks: **Wandering**

---

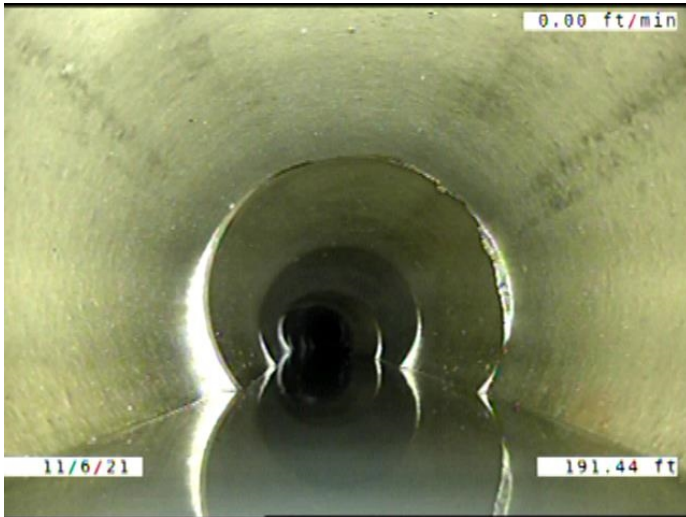


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **177.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

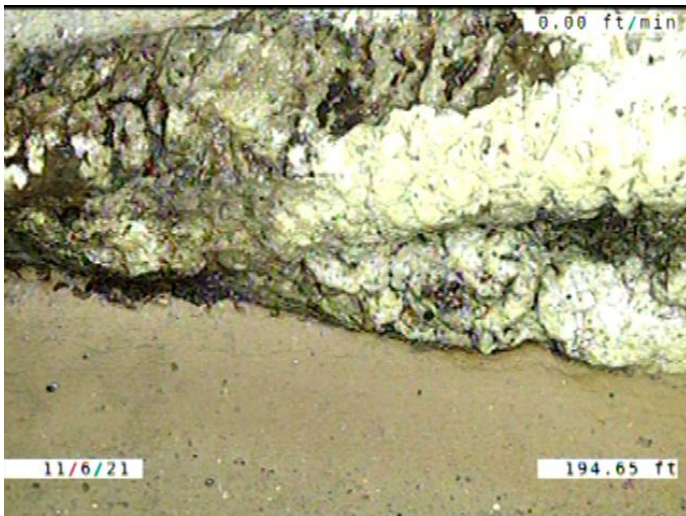
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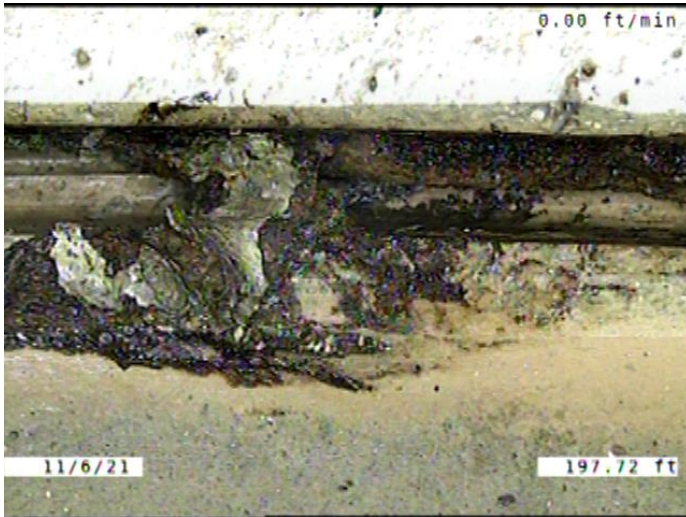
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **191.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:



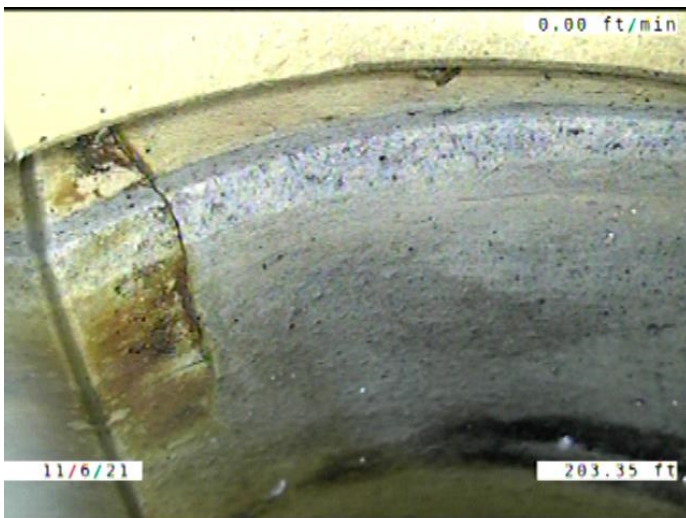
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **194.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



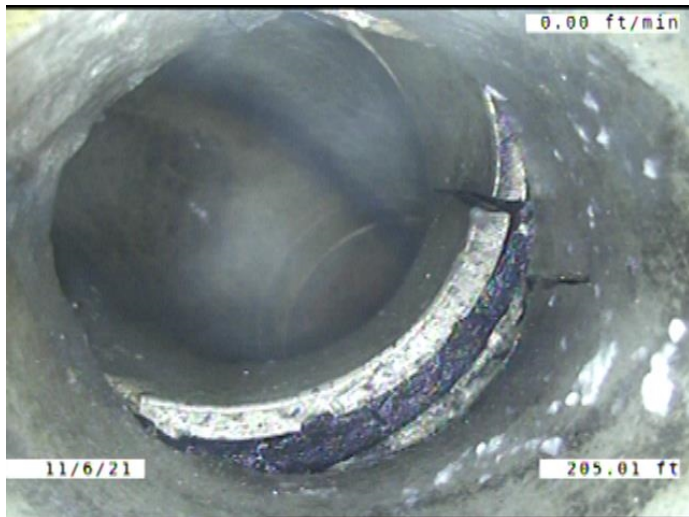
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **197.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **203.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

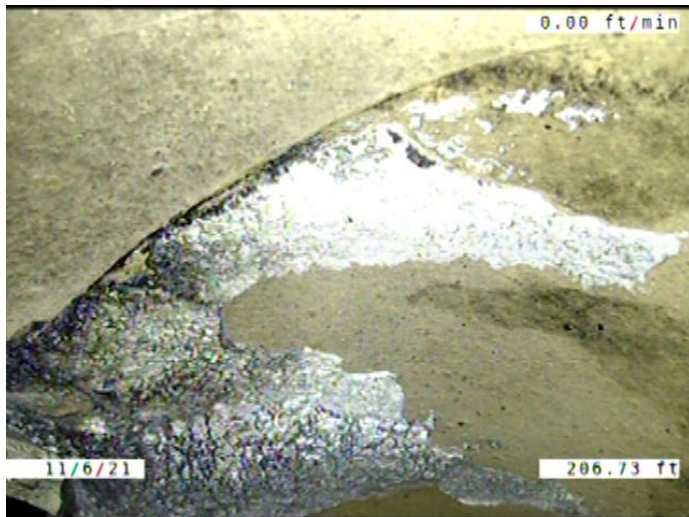
Distance (ft): **205.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **BROKEN. LARGE OFFSET. SOIL VISIBLE**



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

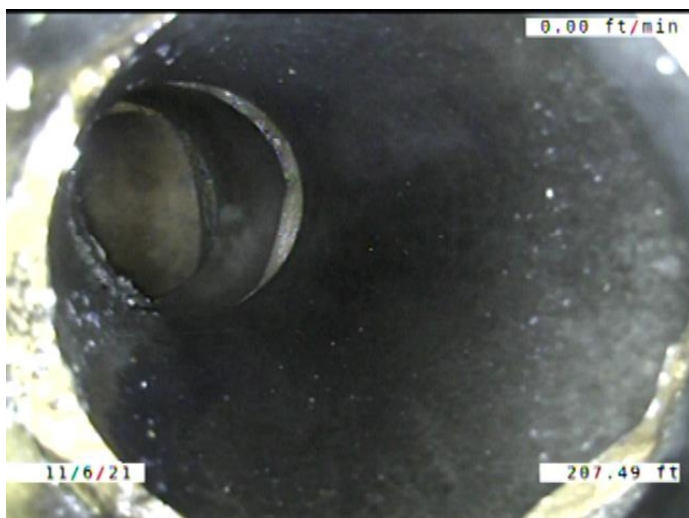
Distance (ft): **206.7**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **206.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **10**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

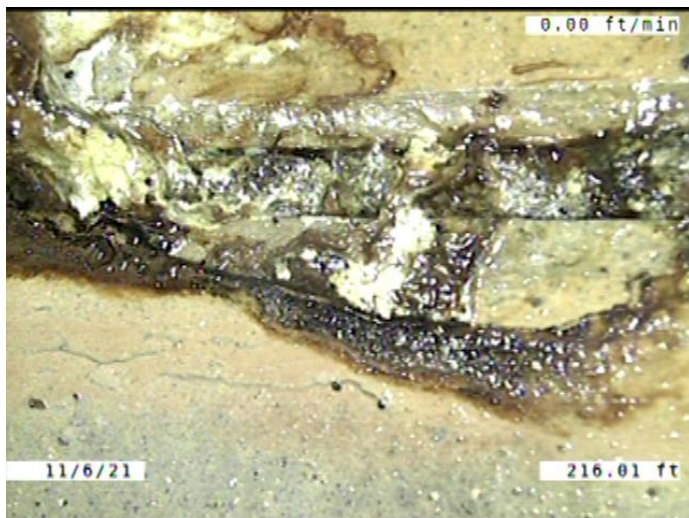
Distance (ft): **207.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER.**





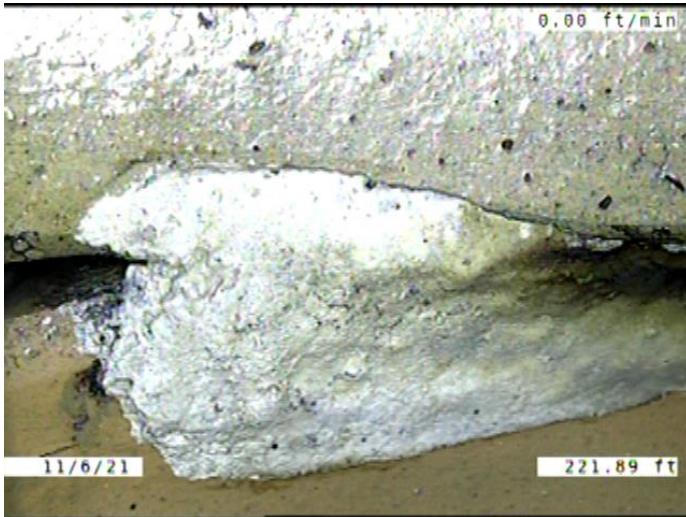
Code: **CS**  
 Description: **Crack Spiral**

Distance (ft): **210.9**  
 Structural Grade: **2**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **216.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



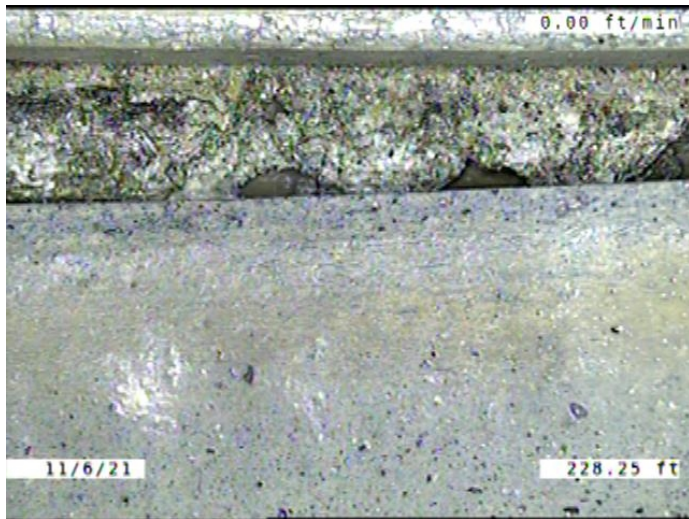
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **221.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



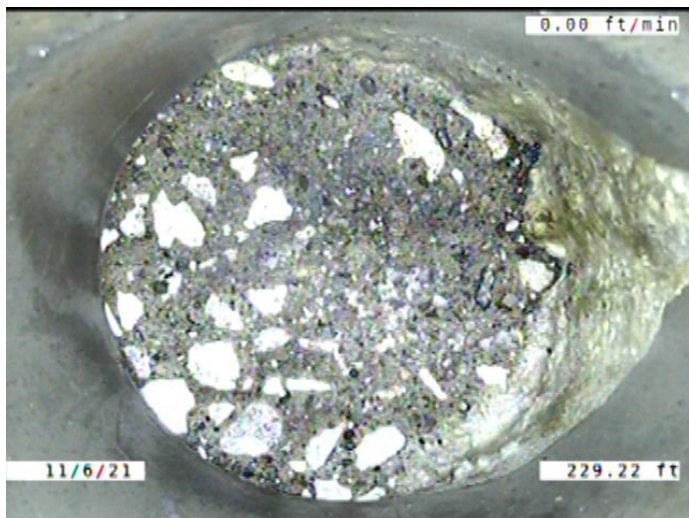
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **227.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F05**  
 Within 8" of Joint: **NO**  
 Remarks:



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

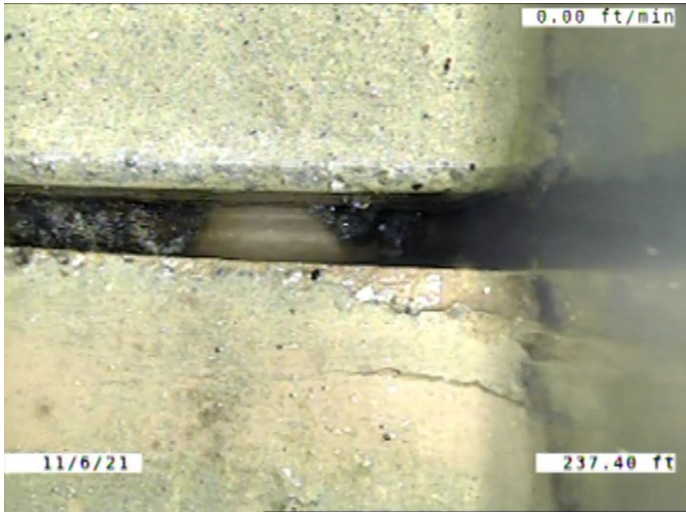
Distance (ft): **228.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **229.2**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCUSTATION AROUND THE CAP**





Code: **CC**  
Description: **Crack Circumferential**

Distance (ft): **237.4**  
Structural Grade: **1**  
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:

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

Distance (ft): **237.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

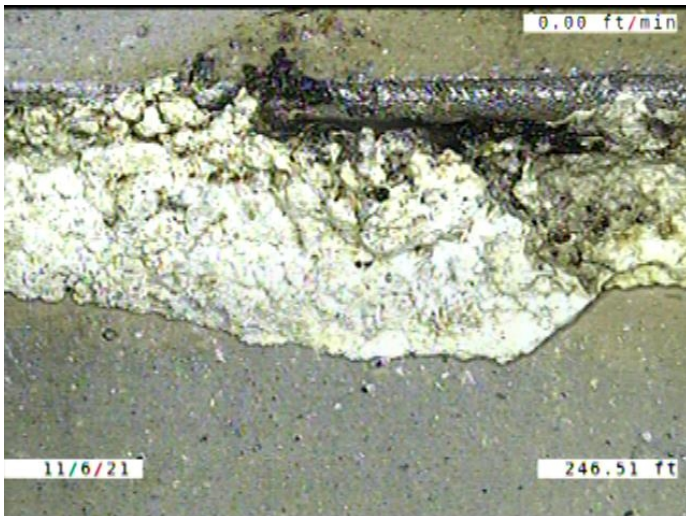




Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **246.5**  
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:

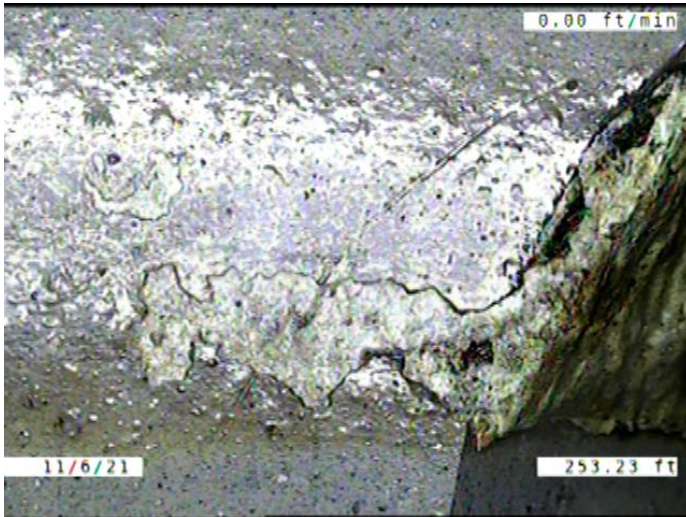
---



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

Distance (ft): **246.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

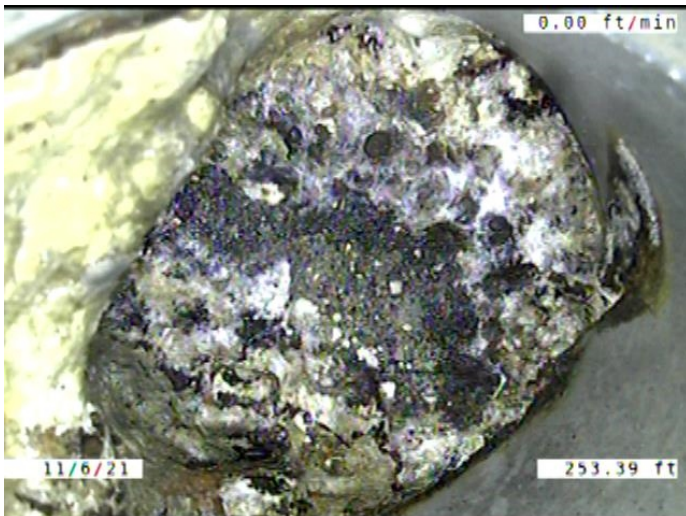
---



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

Distance (ft): **253.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

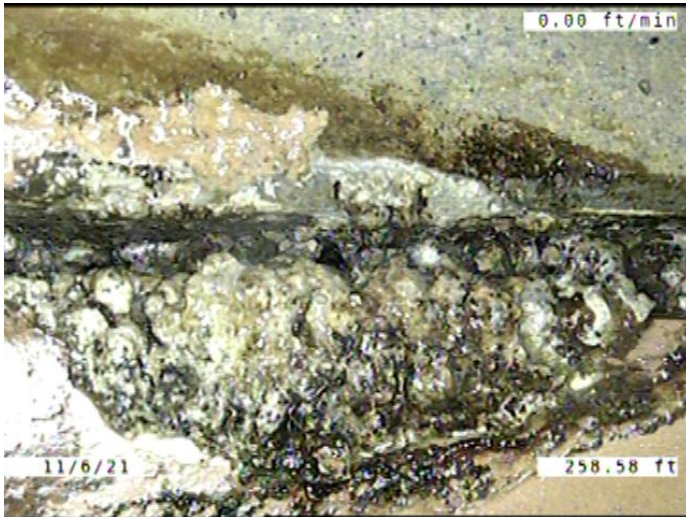
---



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

Distance (ft): **253.4**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCrustATION AROUND THE CAP**

---



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

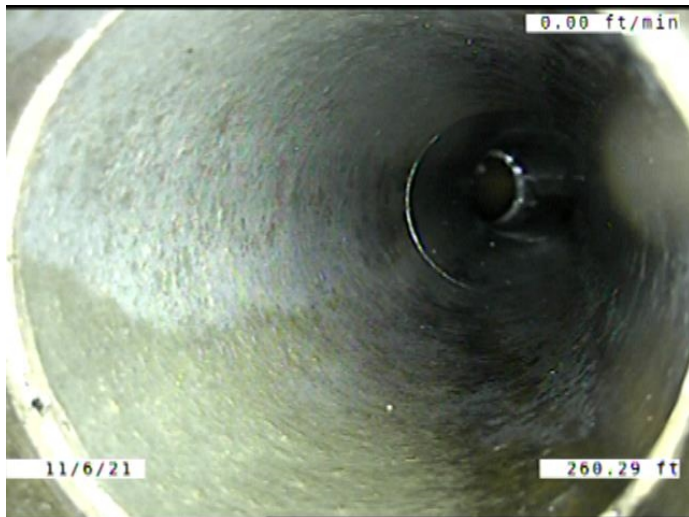
Distance (ft): **258.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

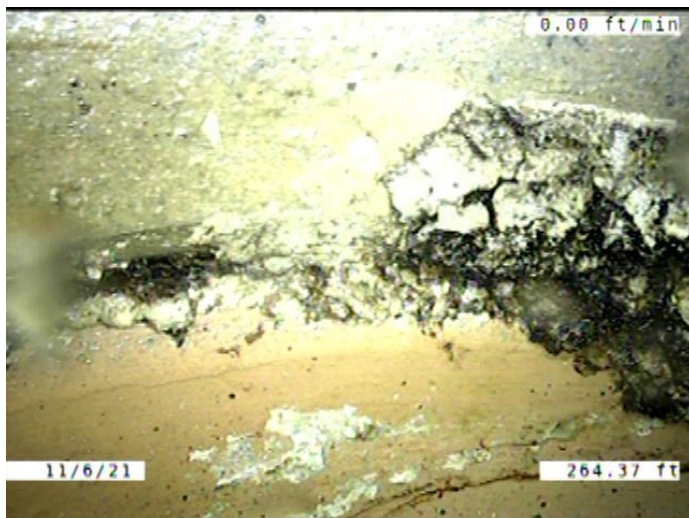
Distance (ft): **259.8**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **260.3**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER.**



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

Distance (ft): **264.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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

Distance (ft): **279.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

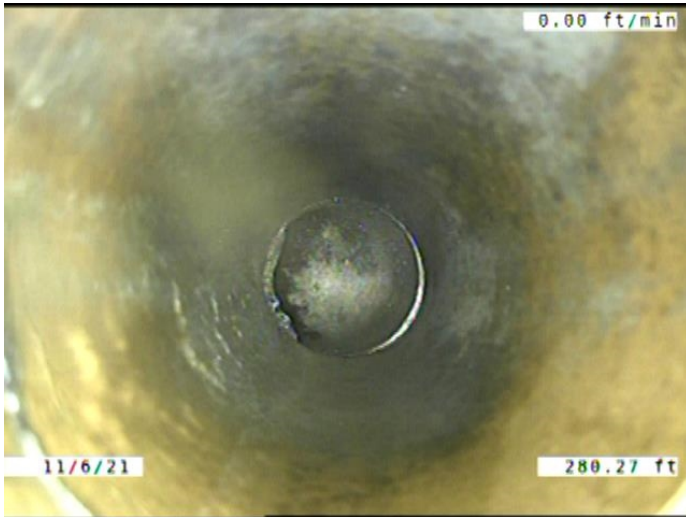
---



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

Distance (ft): **279.6**  
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: **NO**  
Remarks:

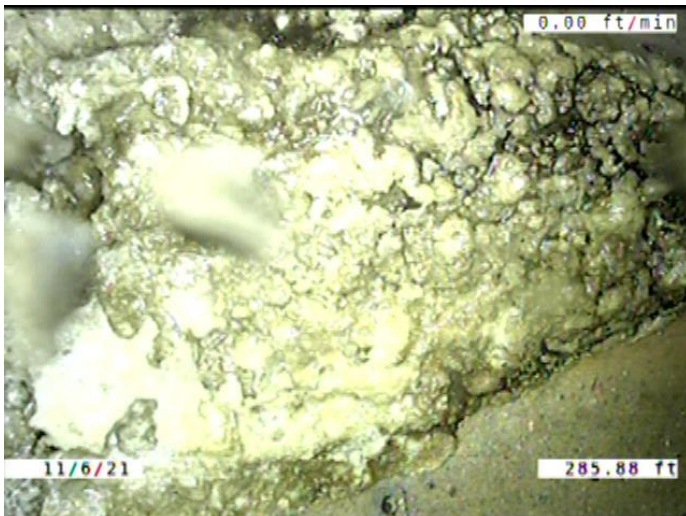
---



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

Distance (ft): **280.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**

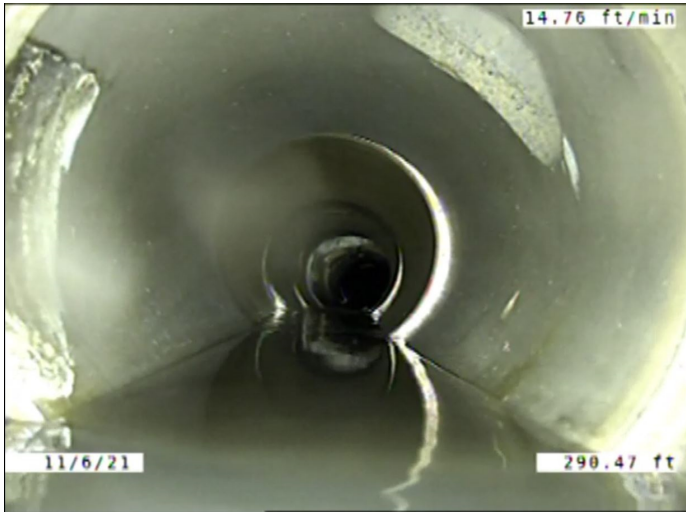
---



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

Distance (ft): **285.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S06**  
Within 8" of Joint: **YES**  
Remarks:

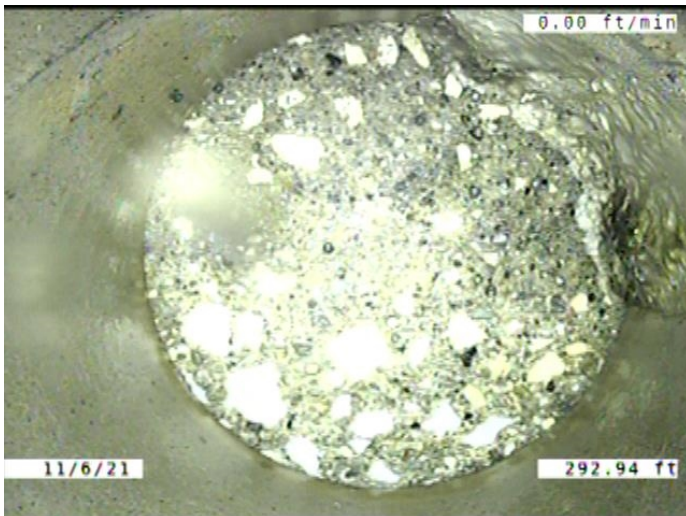
---



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

Distance (ft): **290.5**  
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: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **292.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ENCRUSTATION AROUND THE CAP**

---



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

Distance (ft): **298.7**  
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: **NO**  
Remarks:

---

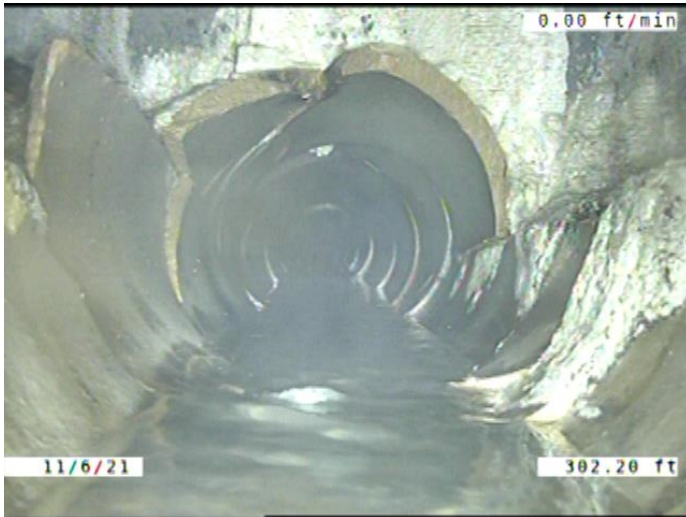


Code: **B**  
Description: **Broken**

Distance (ft): **299.0**  
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: **NO**  
Remarks:

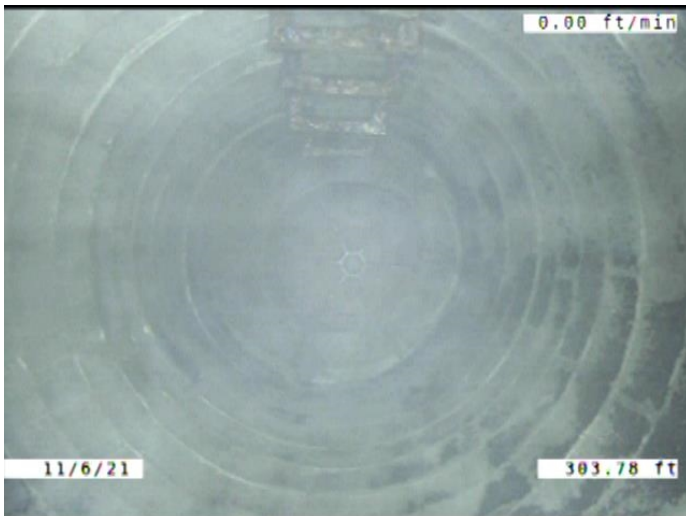
---





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

Distance (ft): **302.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F06**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **303.8**  
 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: **M-404-004**