

Profile/Photo Observation Report

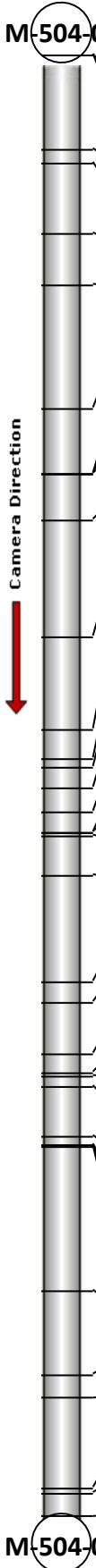


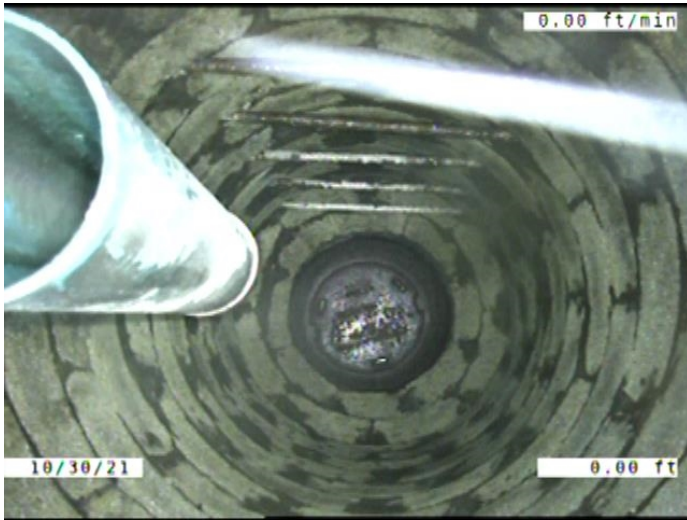
Date:	10/30/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	177.7	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-045-033
Customer:	City of Hobart	Clean Date:	10/26/2021	Shape:	C

Street:	North Colorado 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-504-033	DS MH:	M-504-045
		Total Length Surveyed (ft):	177.7

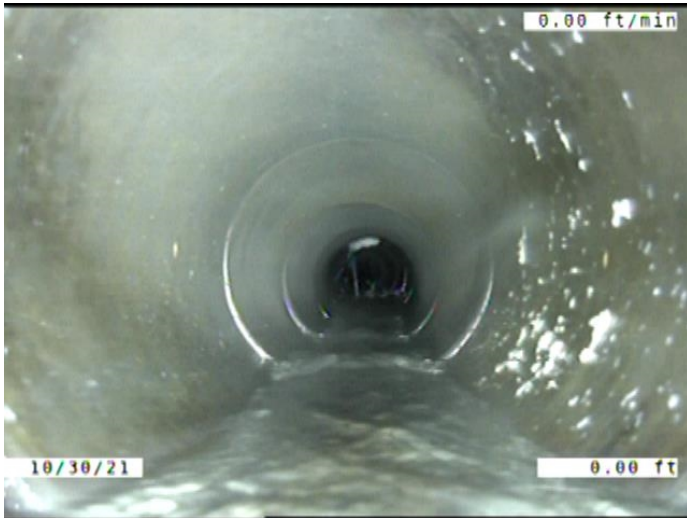
O&M Index:	1.97	O&M Quick:	362B	O&M Rating:	57.00
Structural Index:	3.30	Structural Quick:	5242	Structural Rating:	33.00
Overall Index:	2.31	Overall Quick:	5242	Overall Rating:	90.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	55	NA
	11.5	FM	Fracture Multiple	145	S 4
	13.2	TBI	Tap Break-in Intruding	187	M 2
	21.7	DAE	Deposits Attached Encrustation	267	M 2
	27.9	TFC	Tap Factory Capped	318	NA
	43.0	TFC	Tap Factory Capped	404	NA
	51.0	SMW	Surface Damage Missing Wall	516	S 5
	51.0	BVV	Broken Void Visible	536	S 5
	51.0	TBD	Tap Break-in/Hammer Defective	555	M 3
	56.5	MWL	Miscellaneous Water Level	629	NA
	70.8	TFD	Tap Factory Defective	762	M 3
	82.1	SSS	Surface Damage Surface Spalling	831	S 2
	85.6	TFD	Tap Factory Defective	888	M 3
	86.6	RFJ	Roots Fine Joint	918	M 1
	89.1	RFJ	Roots Fine Joint	965	M 1
	92.1	RFJ	Roots Fine Joint	1028	M 1
	94.5	B	Broken	1106	S 4
	94.6	RFC	Roots Fine Connection	1119	M 1
	95.1	TBI	Tap Break-in Intruding	1138	M 2
	99.8	RFJ	Roots Fine Joint	1193	M 1
	112.7	RFJ	Roots Fine Joint	1260	M 1
	115.3	RFJ	Roots Fine Joint	1303	M 1
	121.5	TFD	Tap Factory Defective	1352	M 3
	123.9	SSS	Surface Damage Surface Spalling	1412	S 2
	124.3	TBI	Tap Break-in Intruding	1448	M 2
	125.5	OBN(S01)	Obstruction Construction Debris	1491	M 2
	131.5	TFD	Tap Factory Defective	1548	M 3
	132.6	FL	Fracture Longitudinal	1581	S 3
	132.6	SSS	Surface Damage Surface Spalling	1597	S 2
	132.9	TBD	Tap Break-in/Hammer Defective	1626	M 3
	150.4	CM	Crack Multiple	1744	S 3
	160.6	OBJ	Obstruction Wedged In The Joint	1838	M 2
	163.3	IWJ	Infiltration Weeper Joint	1908	M 2
	174.4	OBN(F01)	Obstruction Construction Debris	1991	M 2
	175.0	CM	Crack Multiple	2048	S 3
	177.7	AMH	Manhole	2094	NA
M-504-045					



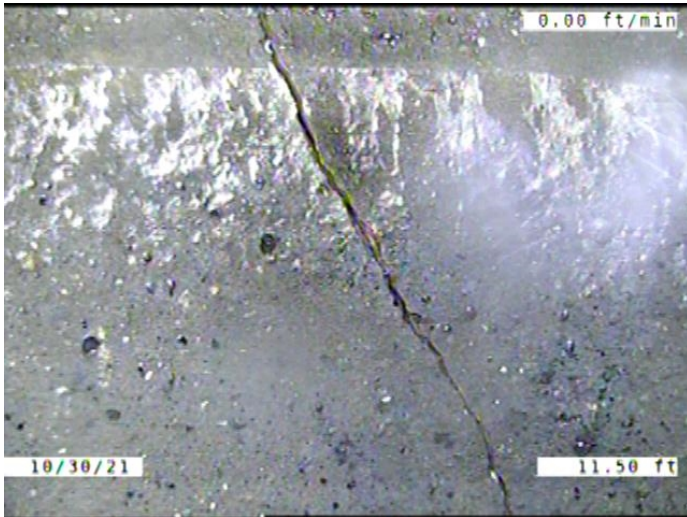
Code: **AMH**
Description: **Manhole**

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-504-033**



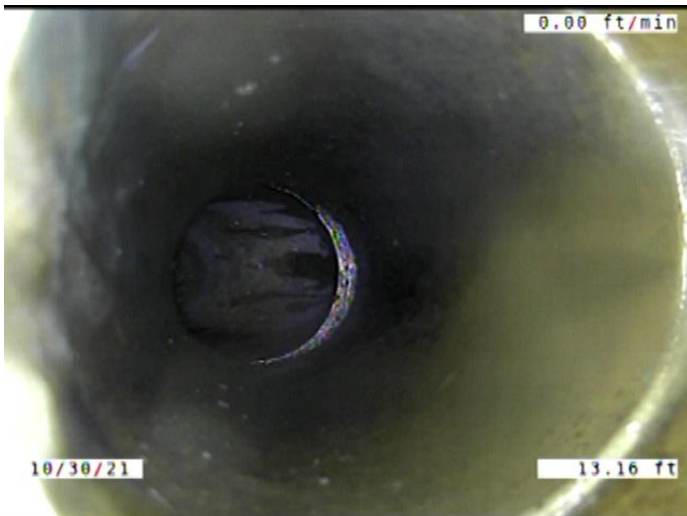
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



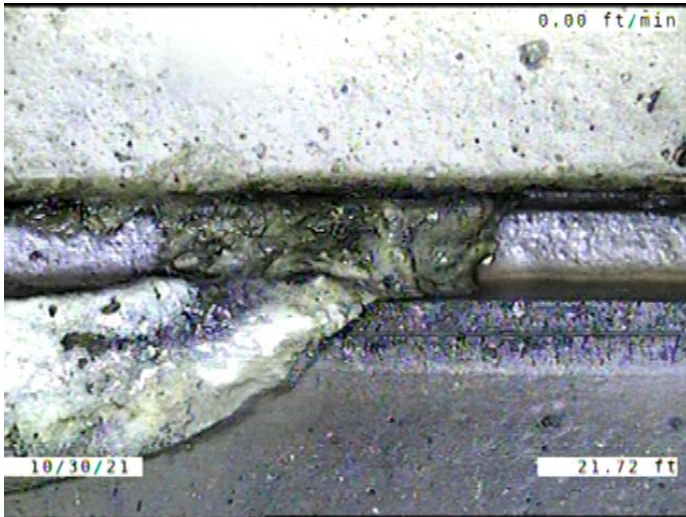
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **11.5**
 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:



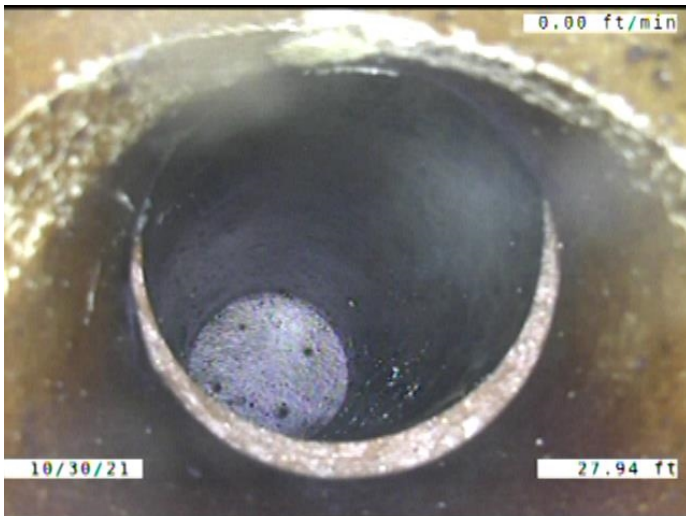
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **13.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER**



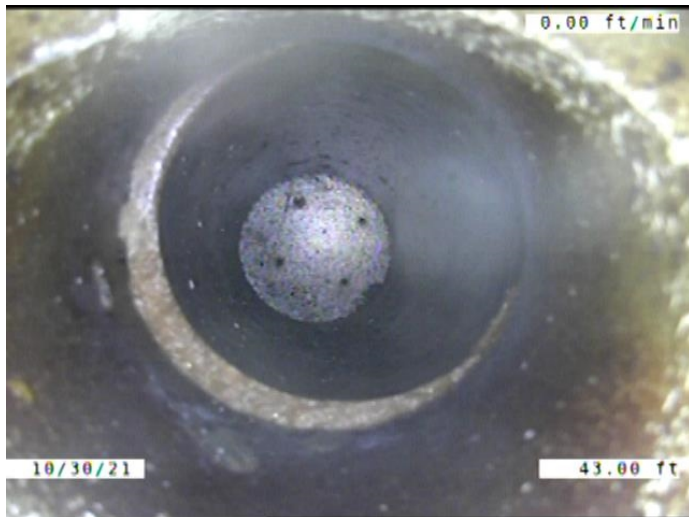
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **21.7**
 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:



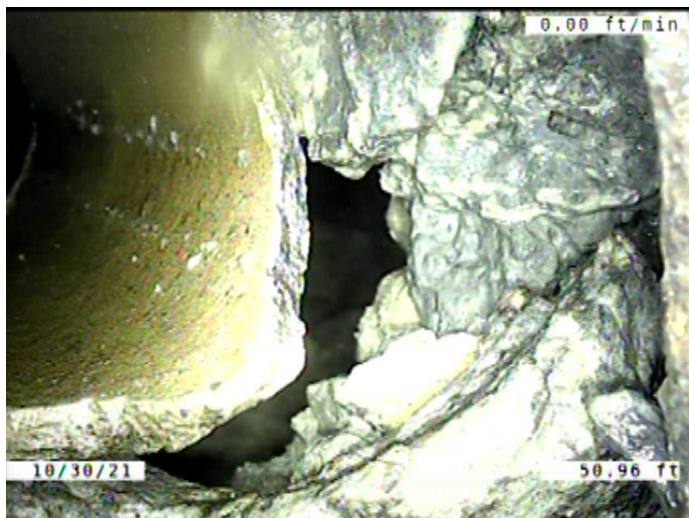
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **27.9**
 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:



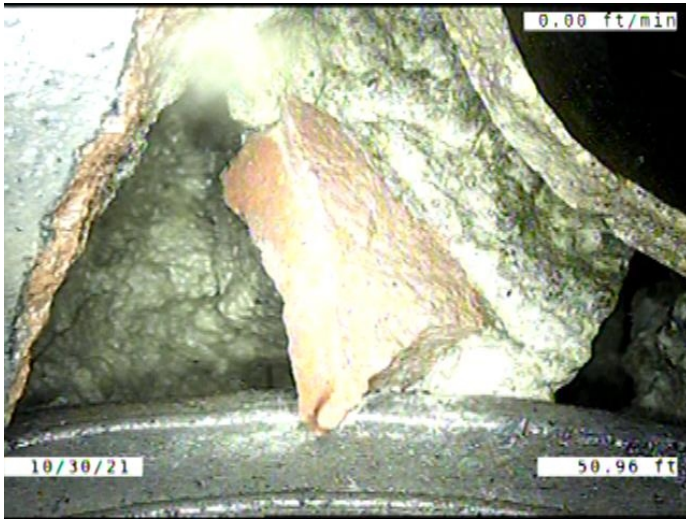
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **43.0**
 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:



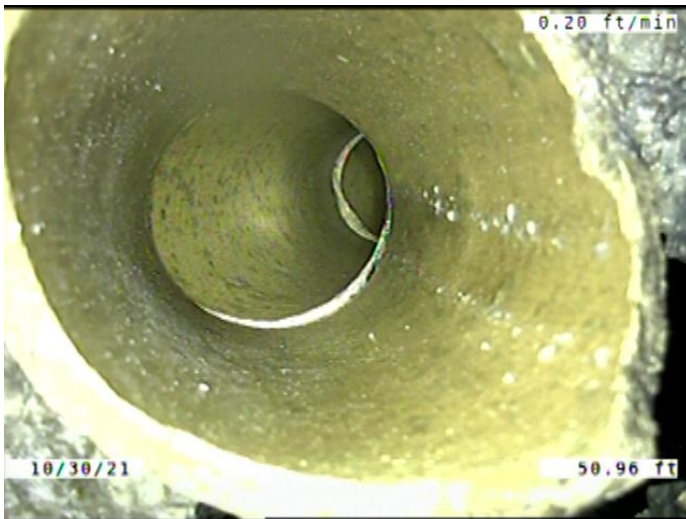
Code: **SMW**
 Description: **Surface Damage Missing Wall**

Distance (ft): **51.0**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **BVV**
Description: **Broken Void Visible**

Distance (ft): **51.0**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SOIL VISIBLE TOO.**



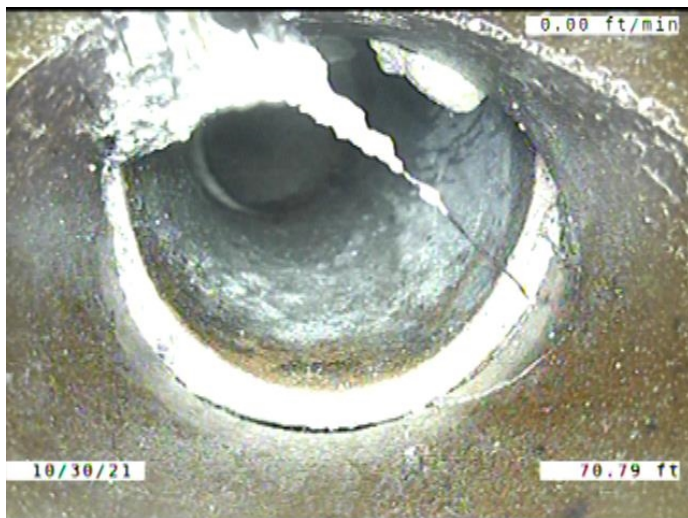
Code: **TBD**
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **51.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **Defective**



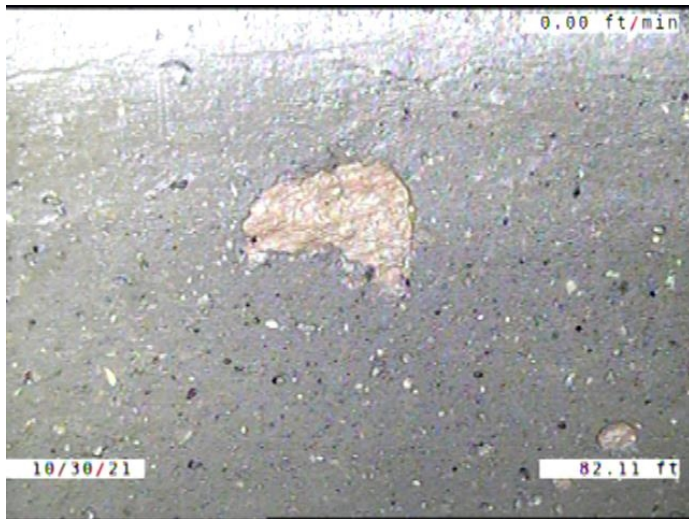
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **56.5**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:

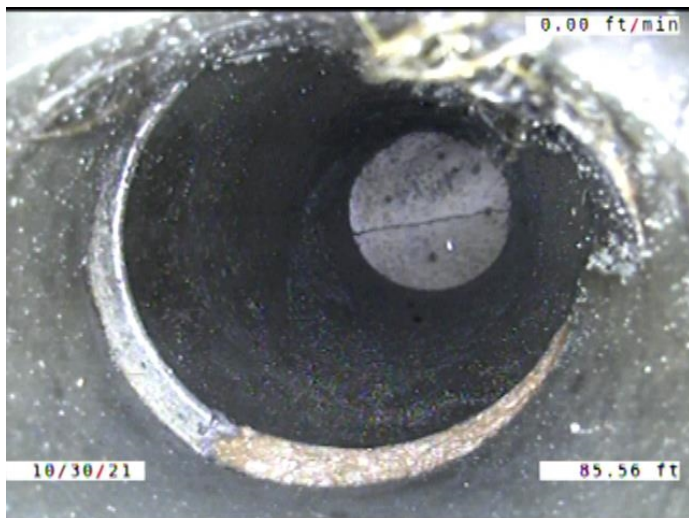


Code: **TFD**
 Description: **Tap Factory Defective**

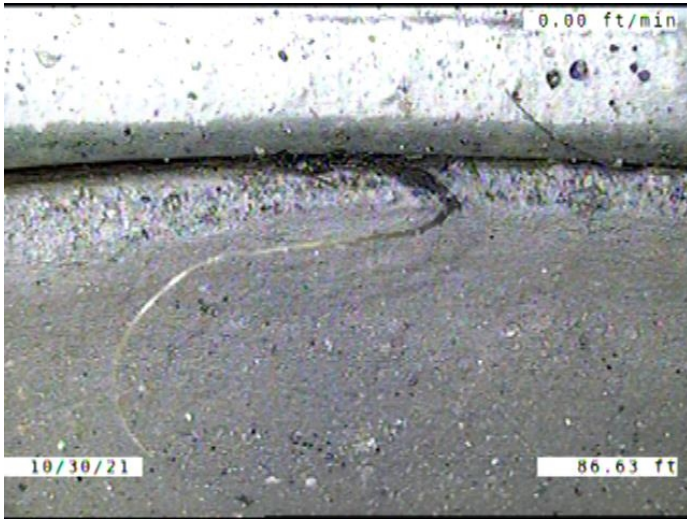
Distance (ft): **70.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **OFFSET JOINT. ROOTS GROWING IN IT. CONSTANTLY DRIPPING WATER**



Code:	SSS
Description:	Surface Damage Surface Spalling
Distance (ft):	82.1
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

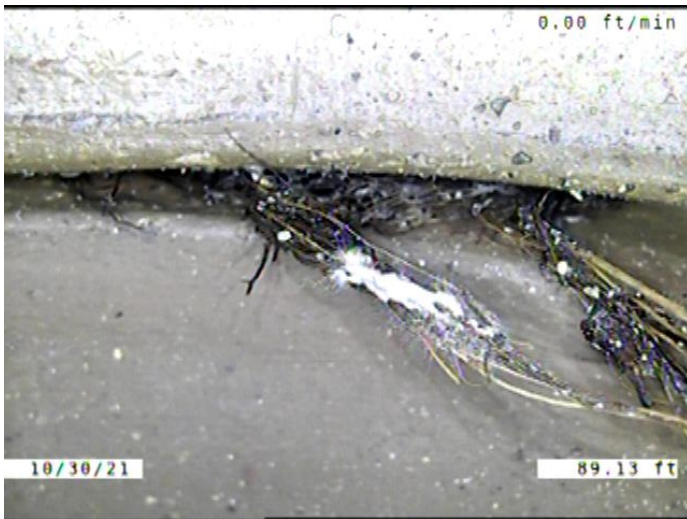


Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	85.6
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	12
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	CAP BROKEN. ROOTS GROWING IN IT. TAP BROKEN



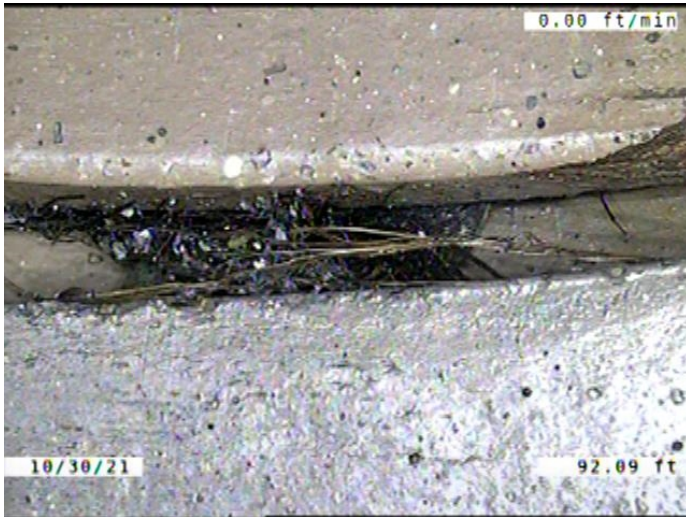
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **86.6**
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:



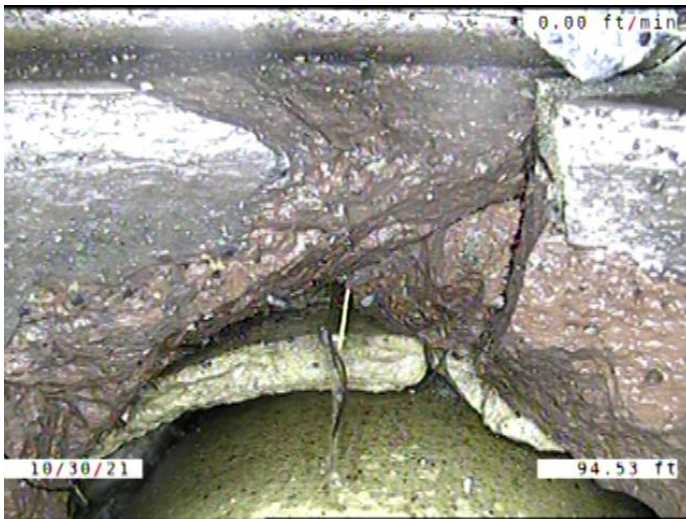
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **89.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



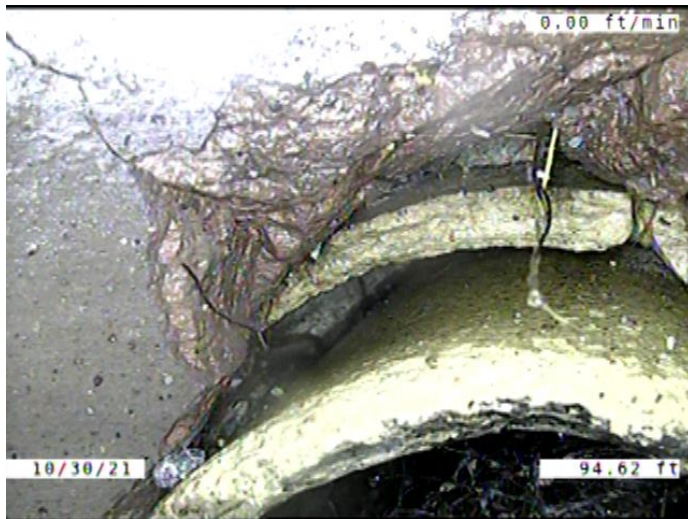
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **92.1**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



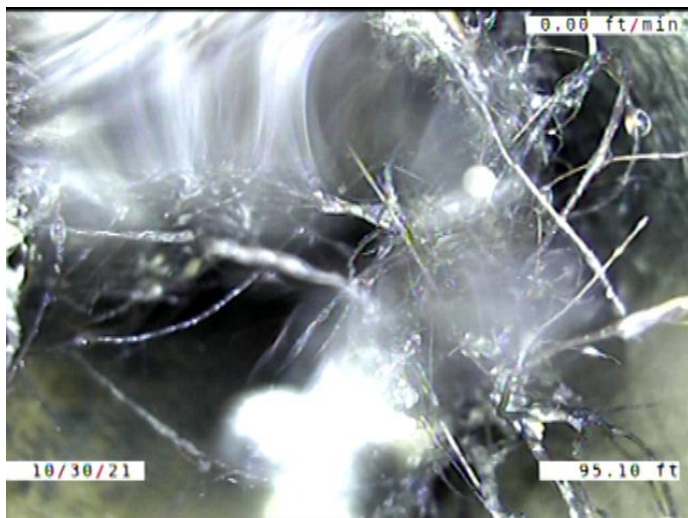
Code: **B**
 Description: **Broken**

Distance (ft): **94.5**
 Structural Grade: **4**
 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:



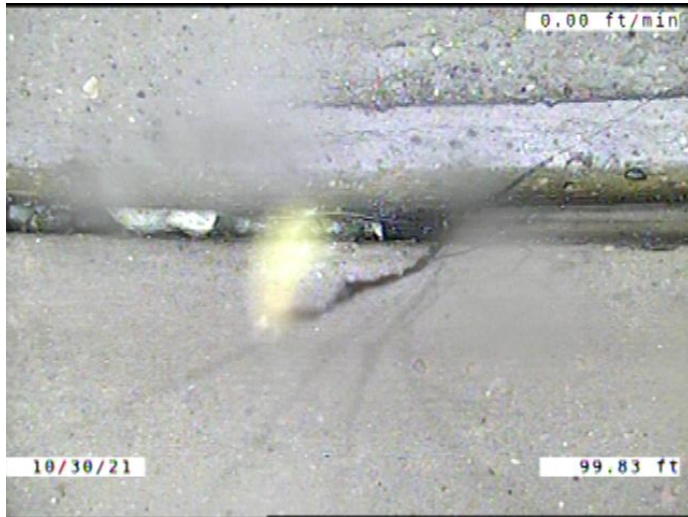
Code: **RFC**
 Description: **Roots Fine Connection**

Distance (ft): **94.6**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



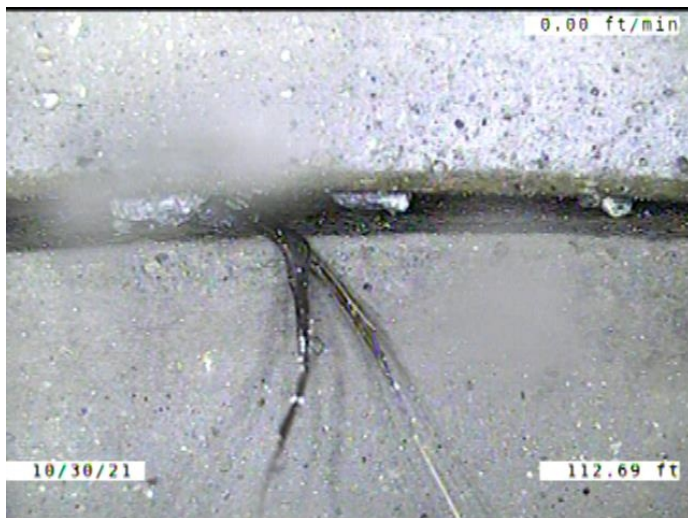
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **95.1**
 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. ROOTS GROWING IN IT**



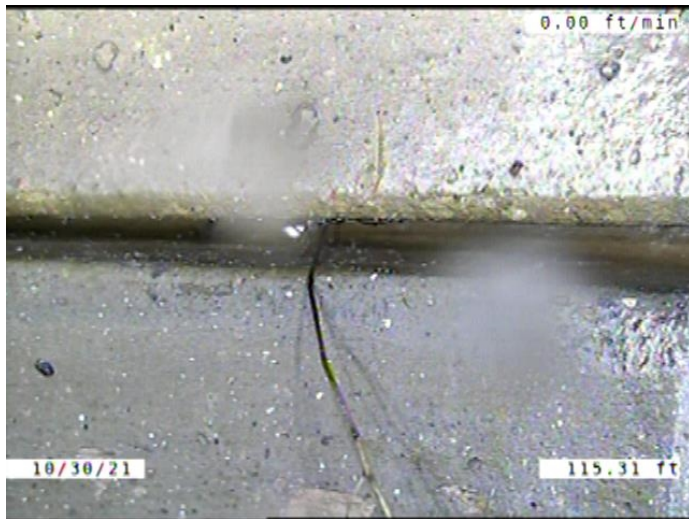
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **99.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



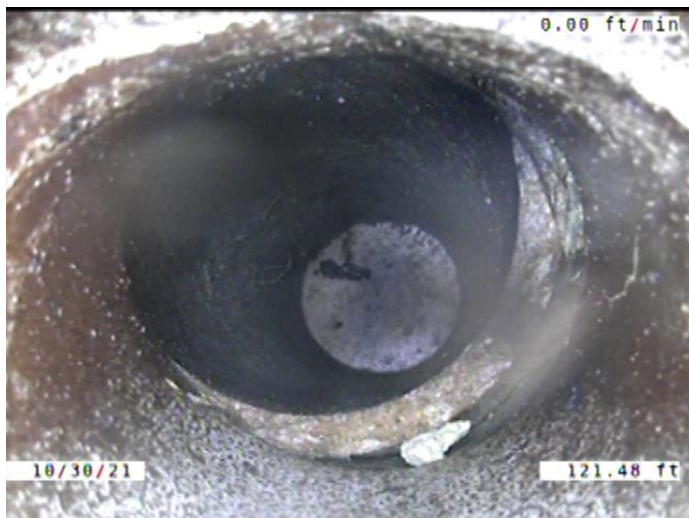
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **112.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **11**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



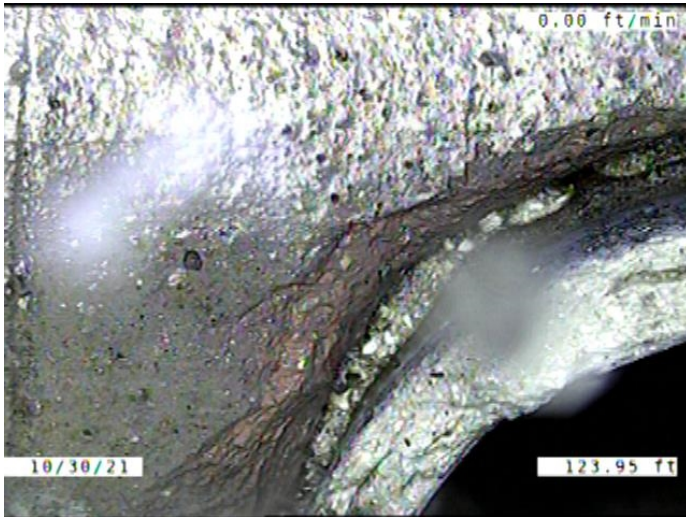
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **115.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



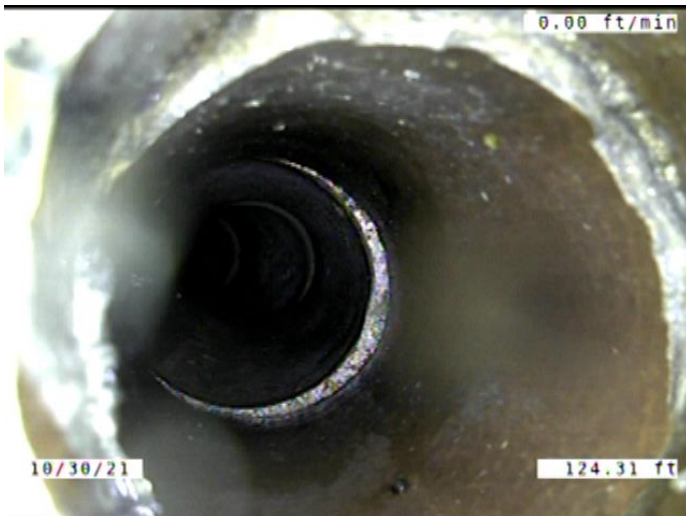
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **121.5**
 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: **CAPPED. LARGE OFFSET. SOIL
 VISIBLE. ROOTS GROWING IN IT.**



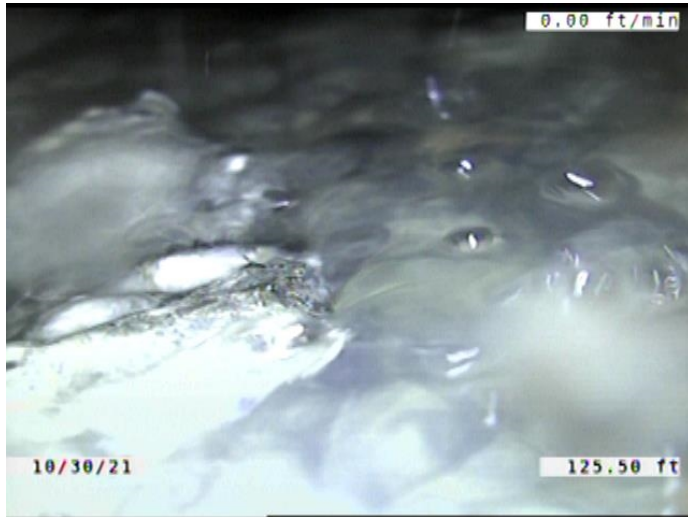
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **123.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



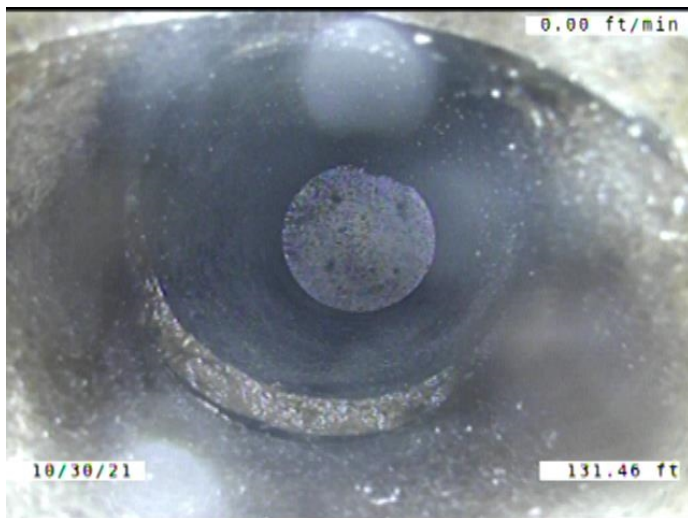
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **124.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER**



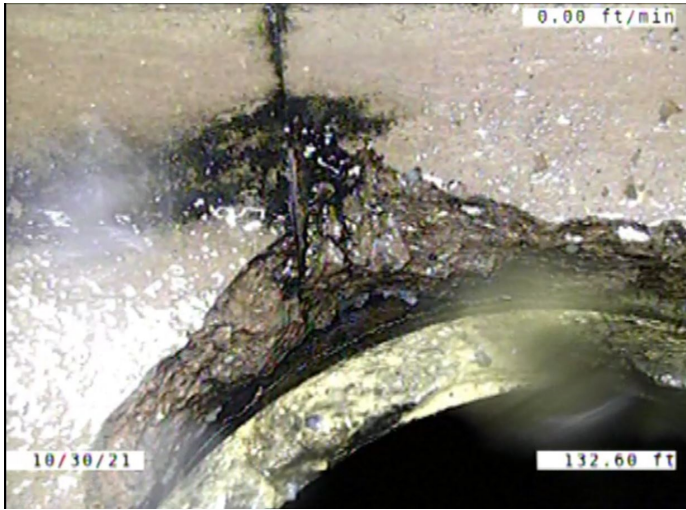
Code: **OBN**
 Description: **Obstruction Construction Debris**

Distance (ft): **125.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



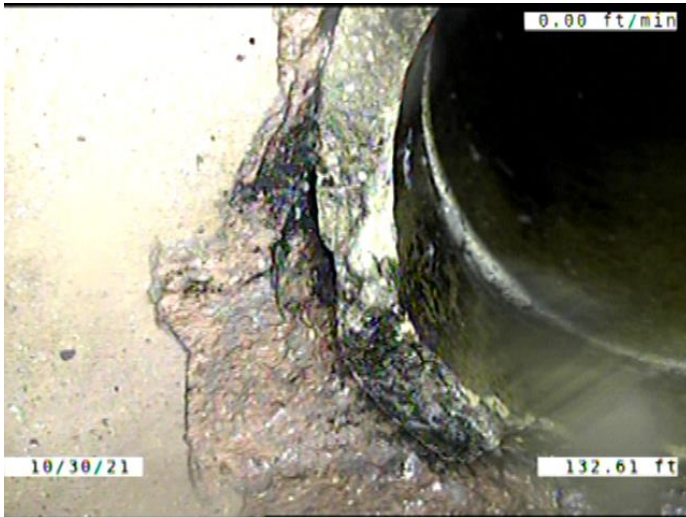
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **131.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CAPPED. OFFSET**



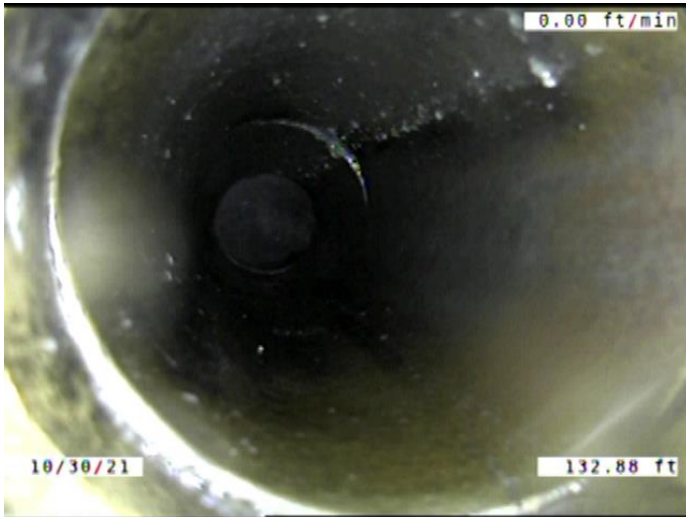
Code: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **132.6**
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:



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

Distance (ft): **132.6**
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: **YES**
Remarks:



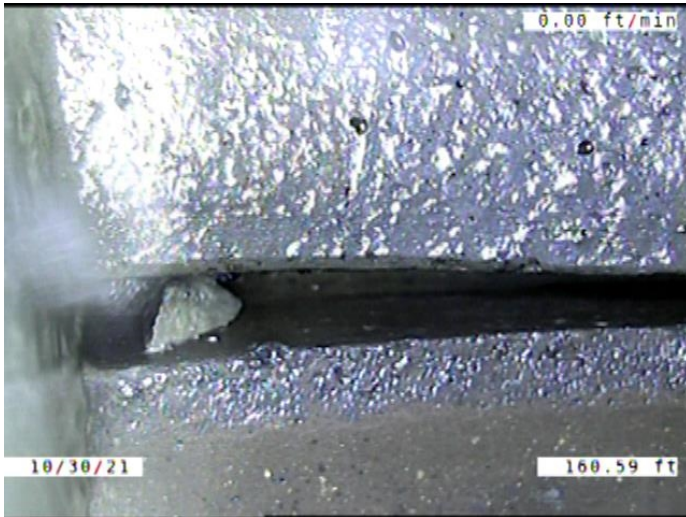
Code: **TBD**
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **132.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER**



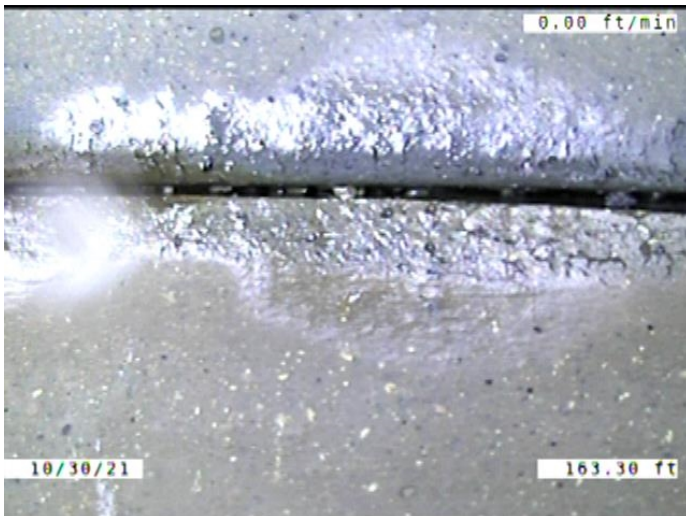
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **150.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



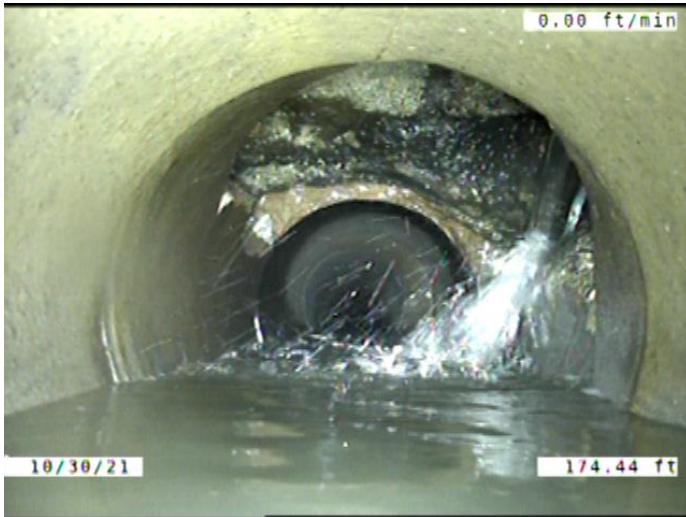
Code: **OBJ**
 Description: **Obstruction Wedged In The Joint**

Distance (ft): **160.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



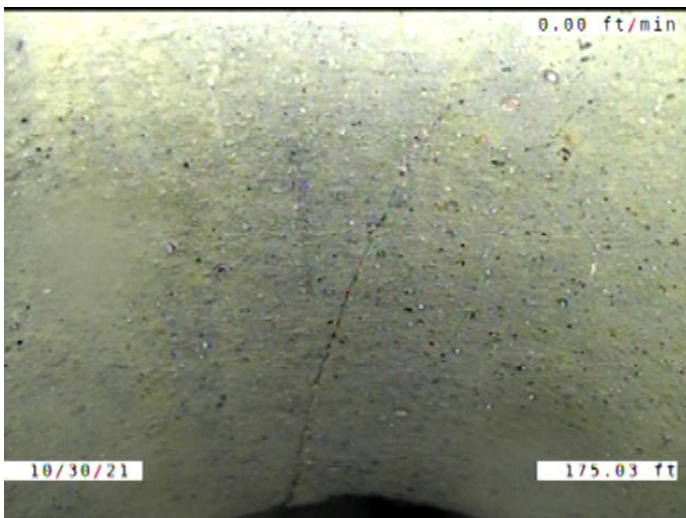
Code: **IWJ**
 Description: **Infiltration Weeper Joint**

Distance (ft): **163.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



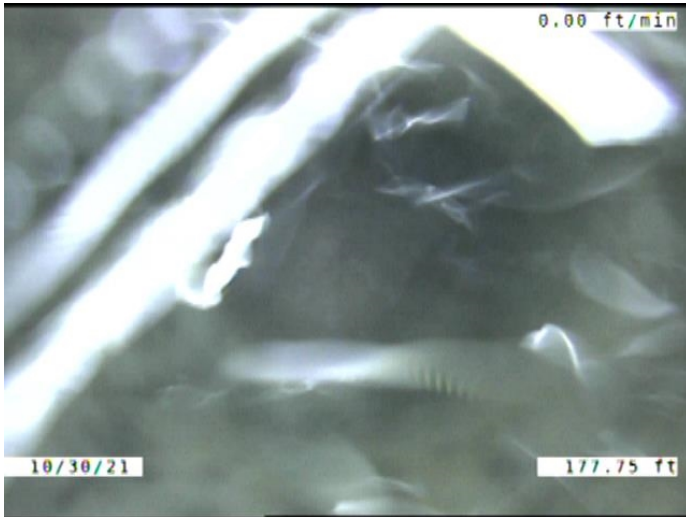
Code: **OBN**
 Description: **Obstruction Construction Debris**

Distance (ft): **174.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **175.0**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	177.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-504-045