

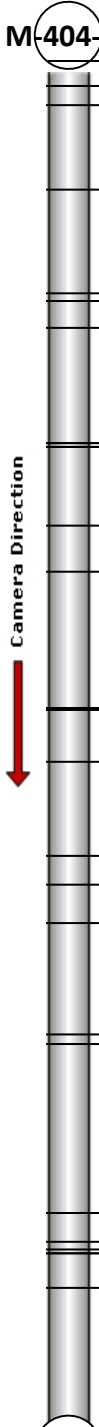
Profile/Photo Observation Report

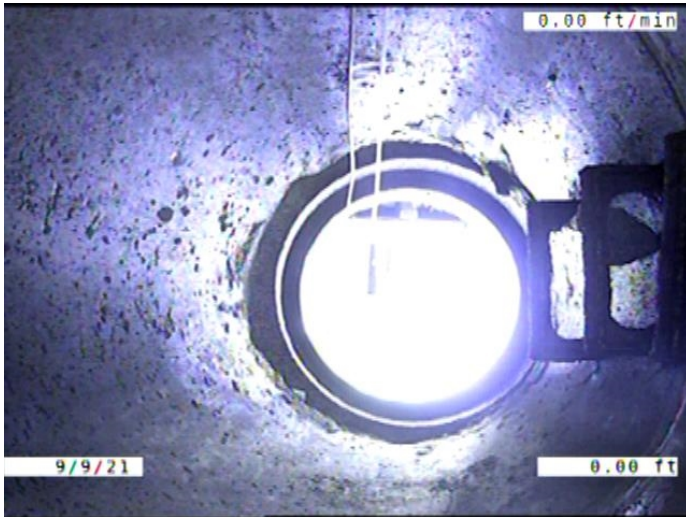


Date:	09/09/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	355.0	Owner:	City of Hobart	Pre Clean:	Light Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-404-030-029
Customer:	City of Hobart	Clean Date:	09/09/2021	Shape:	C

Street:	North Clark Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-404-029	DS MH:	M-404-030
		Total Length Surveyed (ft):	355.0

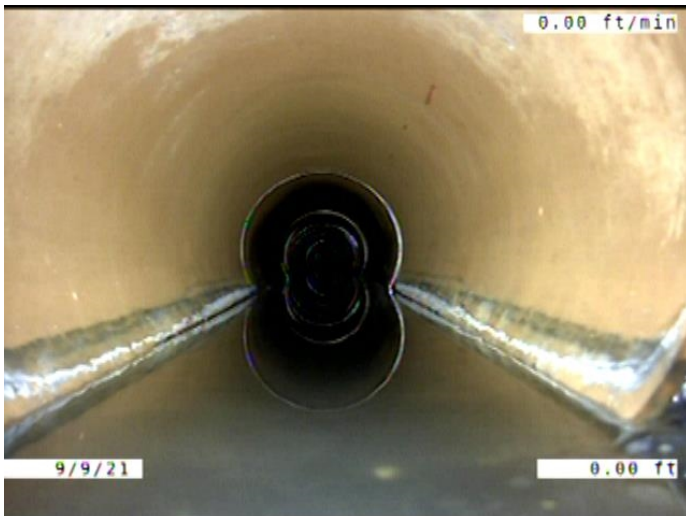
O&M Index:	2.44	O&M Quick:	4132	O&M Rating:	22.00
Structural Index:	2.13	Structural Quick:	422D	Structural Rating:	64.00
Overall Index:	2.21	Overall Quick:	4332	Overall Rating:	86.00

	Position	Code	Observation	Video (sec)	Grade
M-404-030					
 Camera Direction	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	68	NA
	9.7	TF	Tap Factory	157	NA
	11.7	TF	Tap Factory	203	NA
	36.2	MWLS(S01)	Miscellaneous Water Level Sag	290	S 2
	63.0	MWLS(F01)	Miscellaneous Water Level Sag	369	S 2
	65.0	TF	Tap Factory	389	NA
	72.1	TF	Tap Factory	431	NA
	102.0	CS	Crack Spiral	556	S 2
	102.0	DAE	Deposits Attached Encrustation	587	M 2
	102.0	IDB	Infiltration Dripper Barrel	609	M 3
	103.3	DAE	Deposits Attached Encrustation	657	M 2
	103.3	IRJ	Infiltration Runner Joint	670	M 4
	123.6	ISZ	Intruding Sealing Material Other	759	M 2
	135.3	TF	Tap Factory	811	NA
	170.8	B	Broken	984	S 4
	170.8	DAE	Deposits Attached Encrustation	1014	M 2
	171.5	MWLS(S02)	Miscellaneous Water Level Sag	1051	S 2
	184.6	MWLS(F02)	Miscellaneous Water Level Sag	1117	S 2
	209.1	MWLS(S03)	Miscellaneous Water Level Sag	1216	S 2
	216.5	TF	Tap Factory	1258	NA
	226.4	TF	Tap Factory	1342	NA
	255.5	ISSRH	Intruding Sealing Material Sealing Ring Hanging	1488	M 2
	258.1	DSZ	Deposits Settled Other	1523	M 2
	301.5	MWLS(F03)	Miscellaneous Water Level Sag	1695	S 2
	309.3	TF	Tap Factory	1734	NA
	311.3	TF	Tap Factory	1765	NA
	312.0	B	Broken	1797	S 4
	312.0	RMJ	Roots Medium Joint	1827	M 3
	321.0	MWLS	Miscellaneous Water Level Sag	1871	S 2
	355.0	AMH	Manhole	2034	NA
M-404-029					



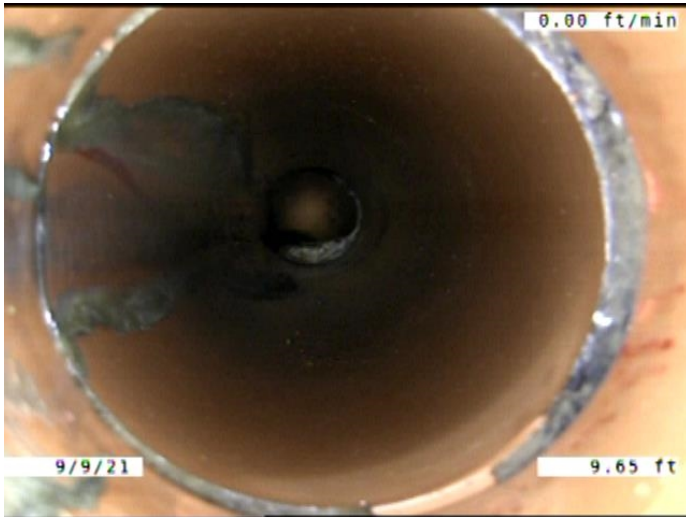
Code: **AMH**
Description: **Manhole**

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-404-030**



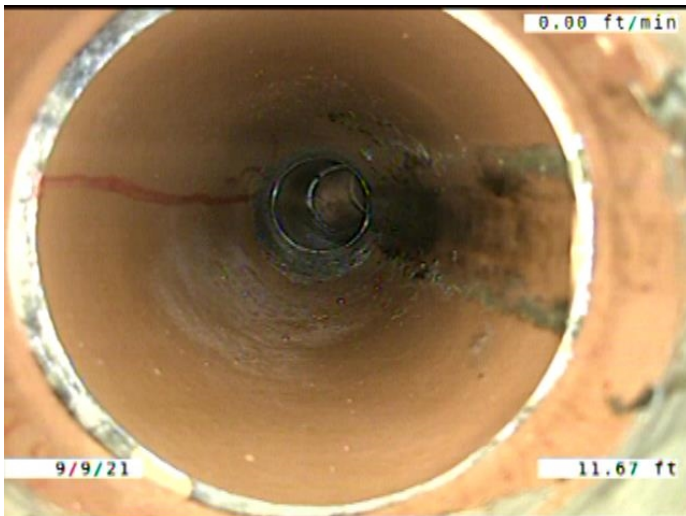
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



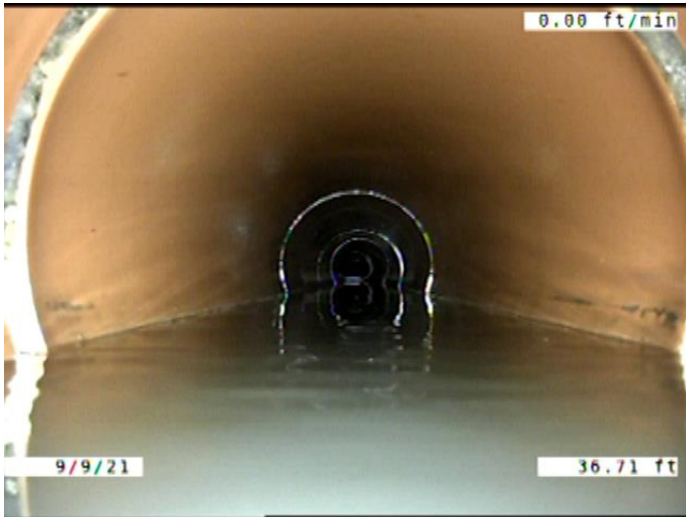
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **9.7**
 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:



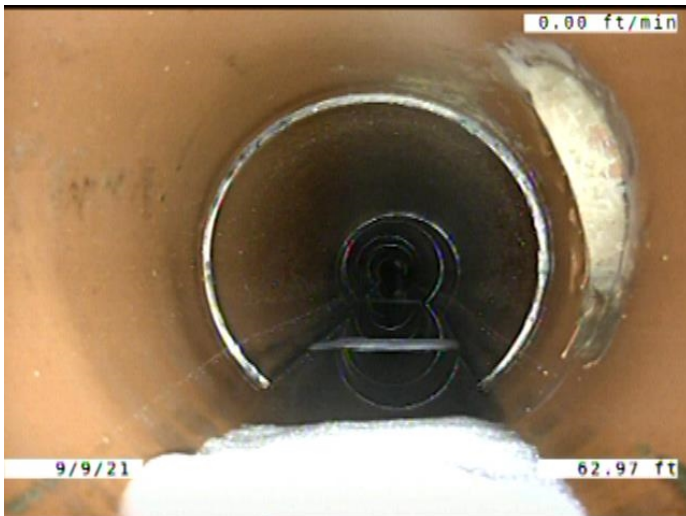
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **11.7**
 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: **CONSTANTLY RUNNING WATER**



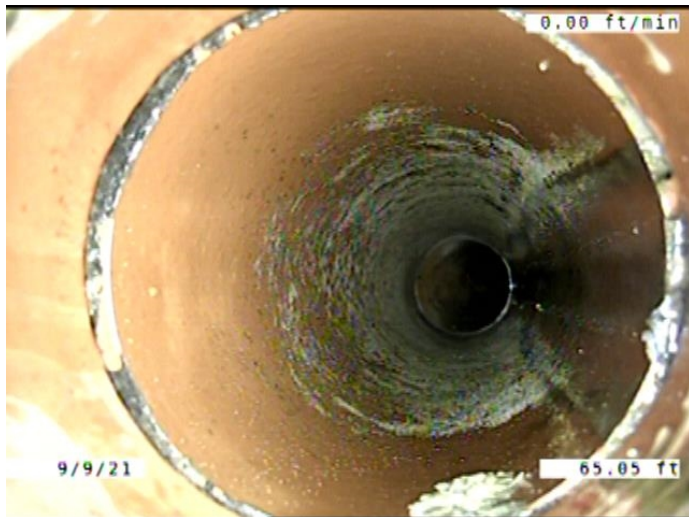
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **36.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



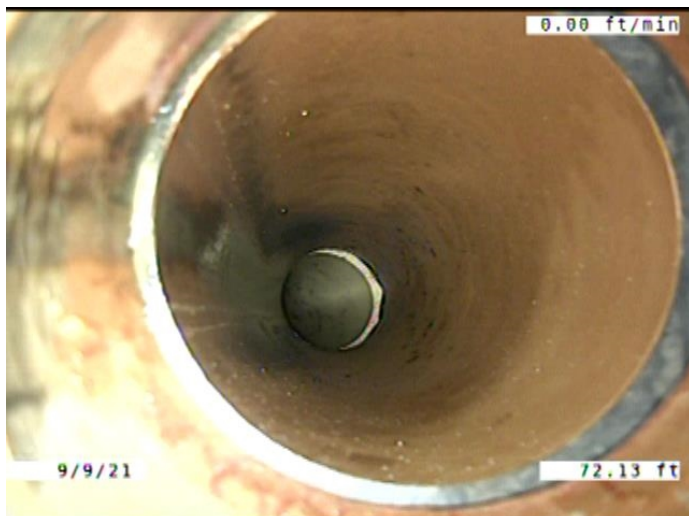
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **63.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



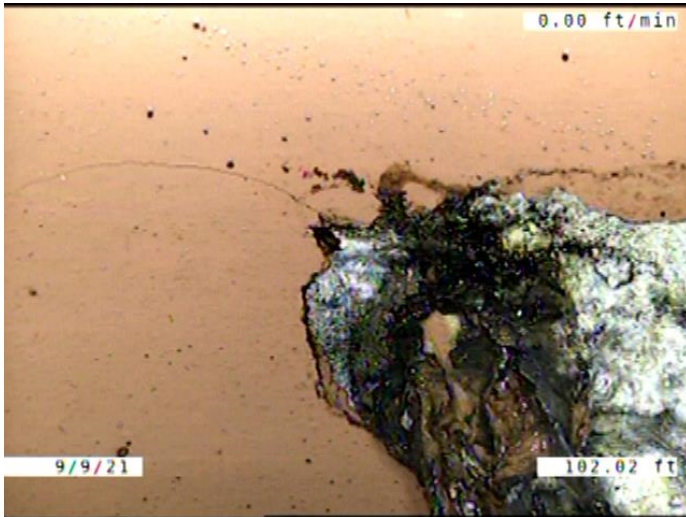
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **65.0**
 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:



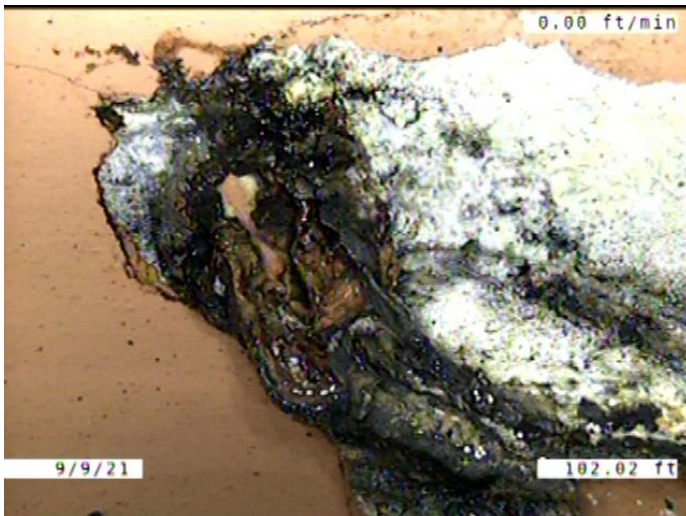
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **72.1**
 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:



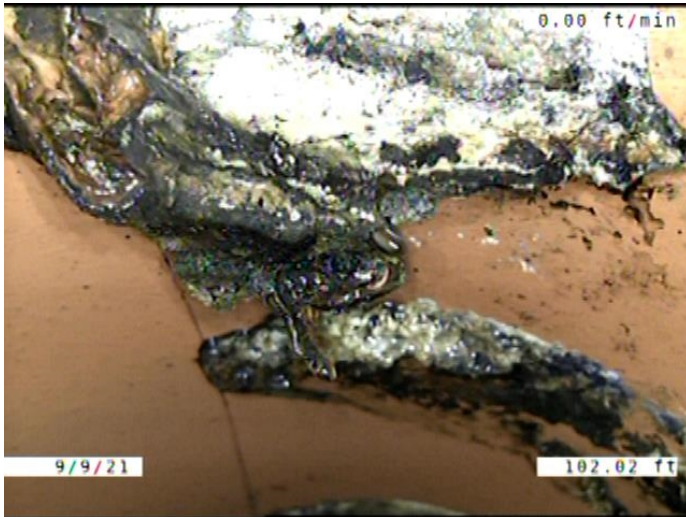
Code: **CS**
 Description: **Crack Spiral**

Distance (ft): **102.0**
 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:



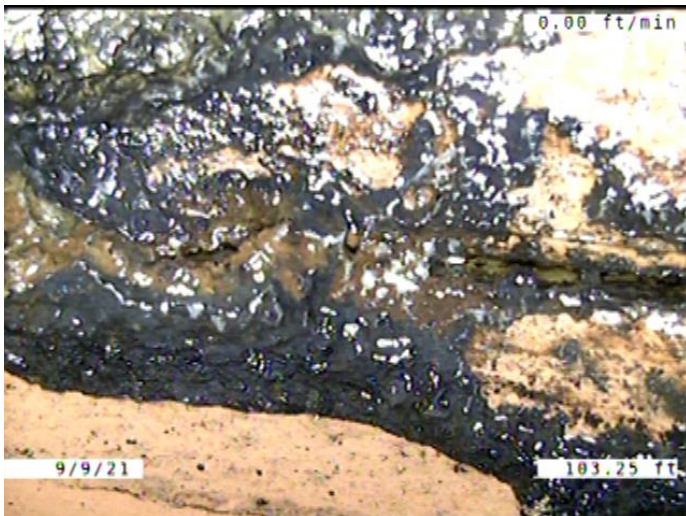
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **102.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



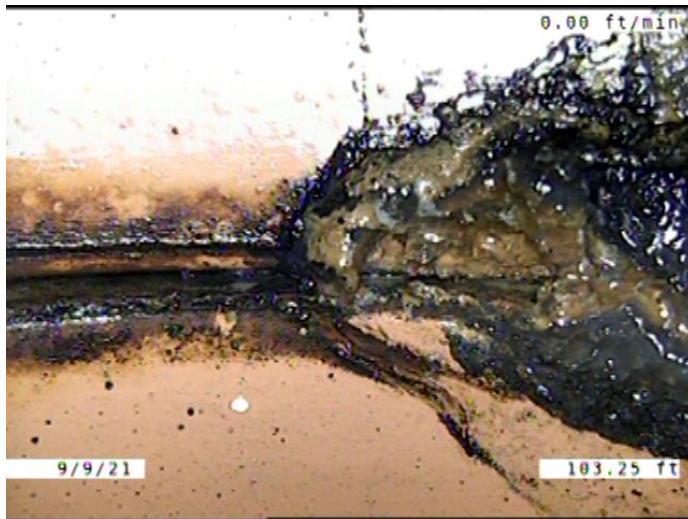
Code: **IDB**
 Description: **Infiltration Dripper Barrel**

Distance (ft): **102.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



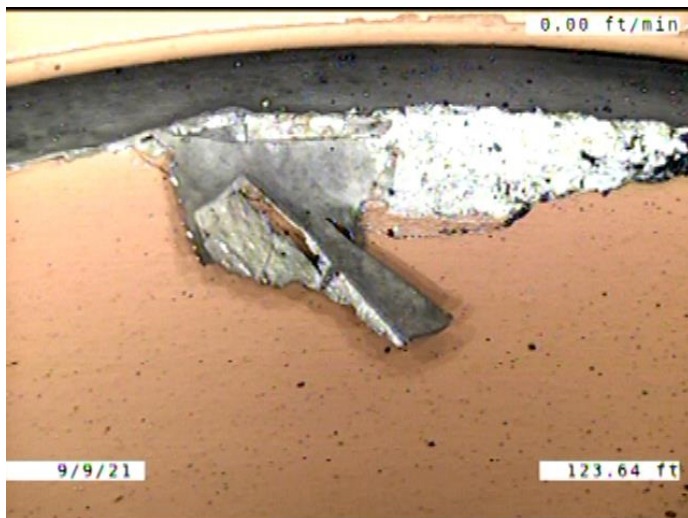
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **103.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



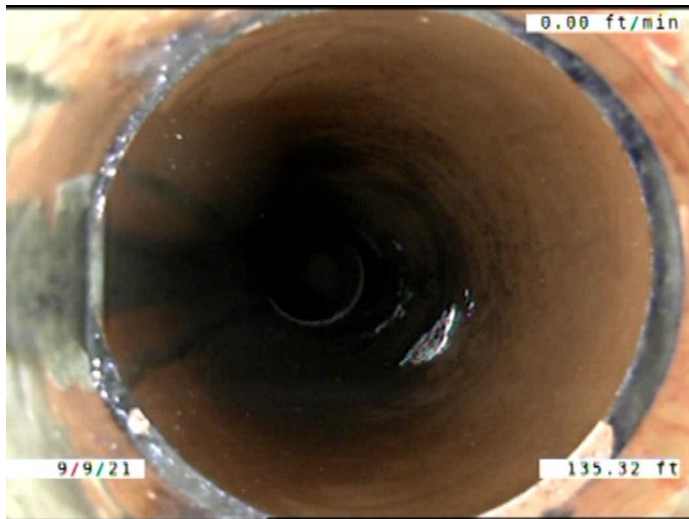
Code: **IRJ**
 Description: **Infiltration Runner Joint**

Distance (ft): **103.3**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



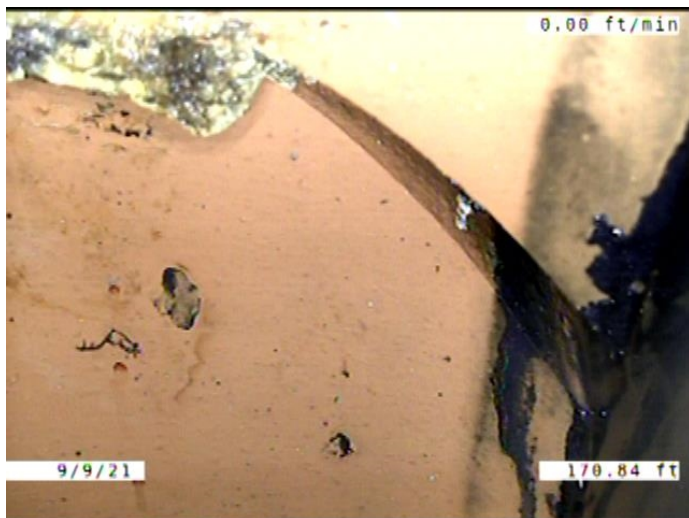
Code: **ISZ**
 Description: **Intruding Sealing Material Other**

Distance (ft): **123.6**
 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: **NO**
 Remarks: **JOINT SEALING MATERIAL BUT DOESNT LOOK TO HAVE ANY MISSIN**



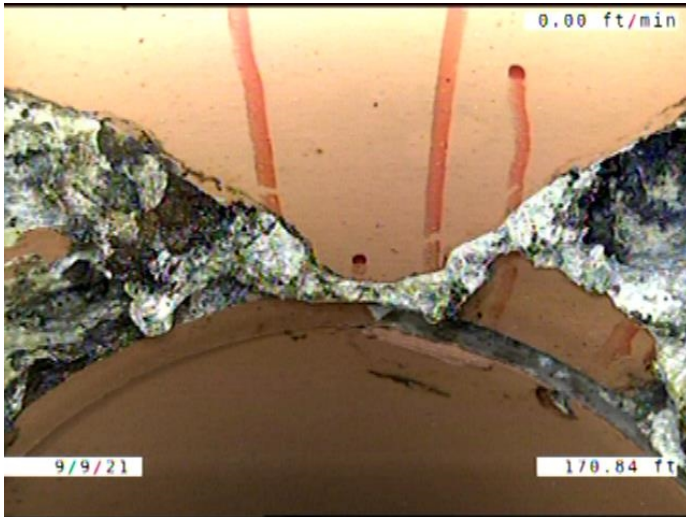
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **135.3**
 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:



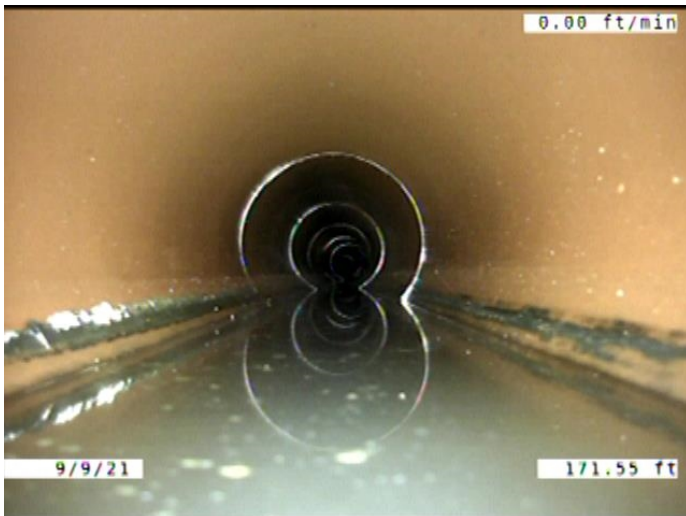
Code: **B**
 Description: **Broken**

Distance (ft): **170.8**
 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:



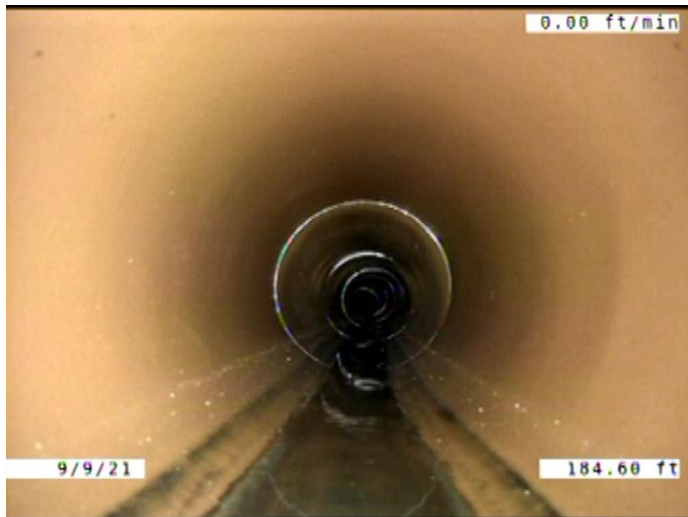
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **170.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



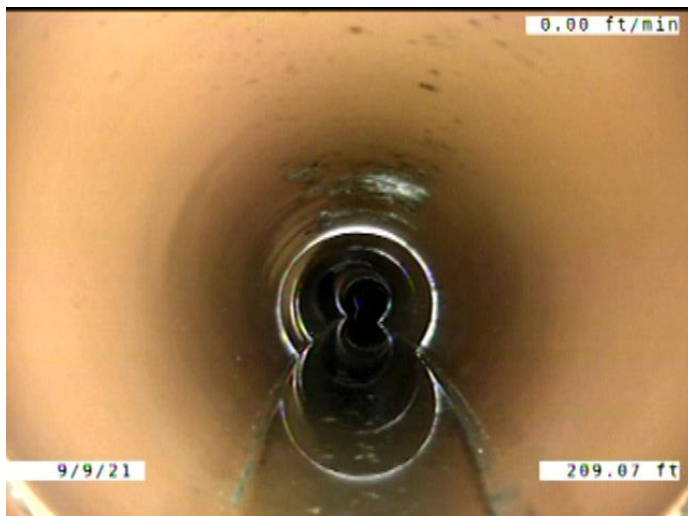
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **171.5**
 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:



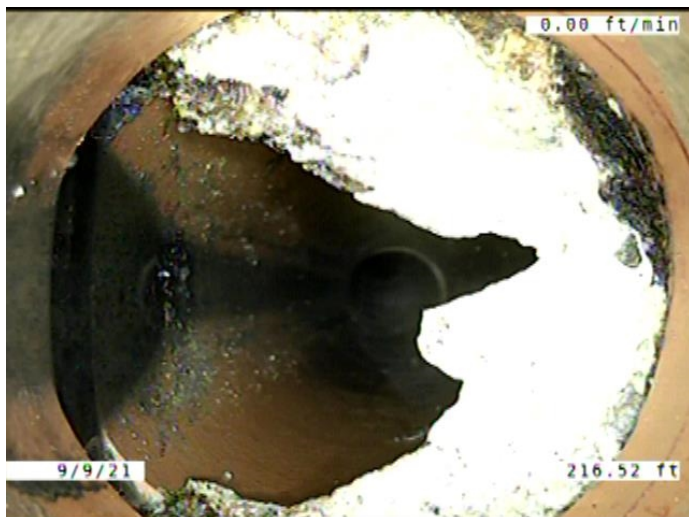
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **184.6**
 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:



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

Distance (ft): **209.1**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



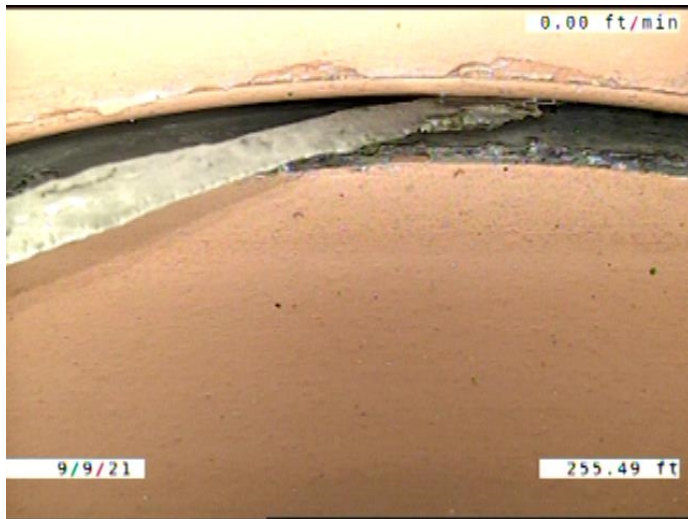
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **216.5**
 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: **FIRST JOINT BACK HAS ENCRUSTATION**



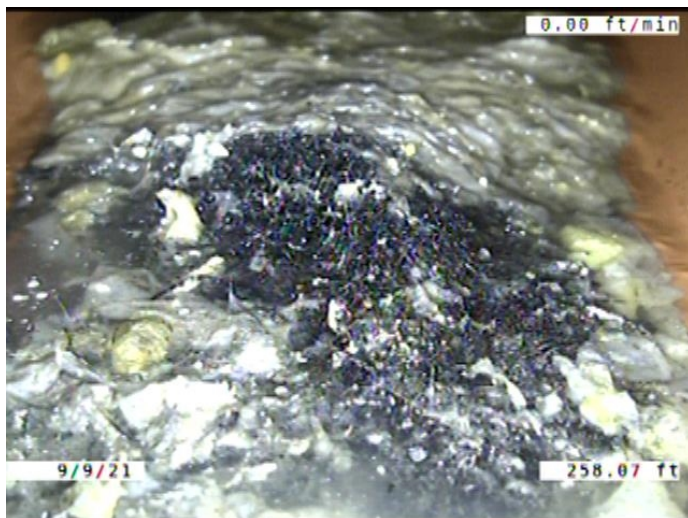
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **226.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



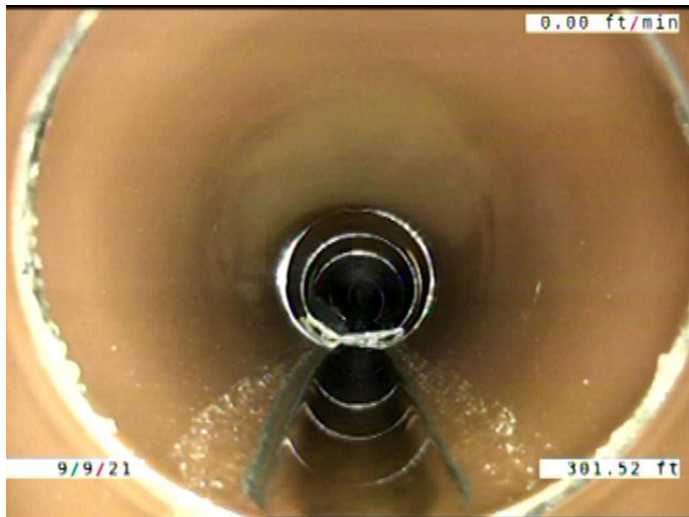
Code: **ISSRH**
 Description: **Intruding Sealing Material Sealing Ring Hanging**

Distance (ft): **255.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



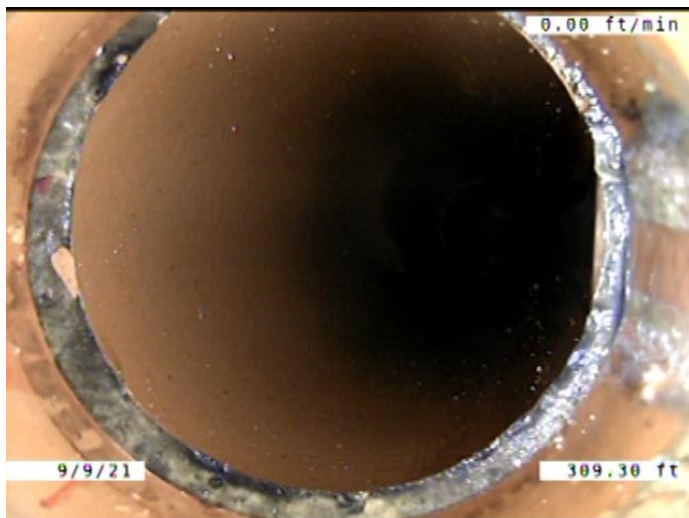
Code: **DSZ**
 Description: **Deposits Settled Other**

Distance (ft): **258.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CUT ROOTS, TP AND SEWER DEBRIS**



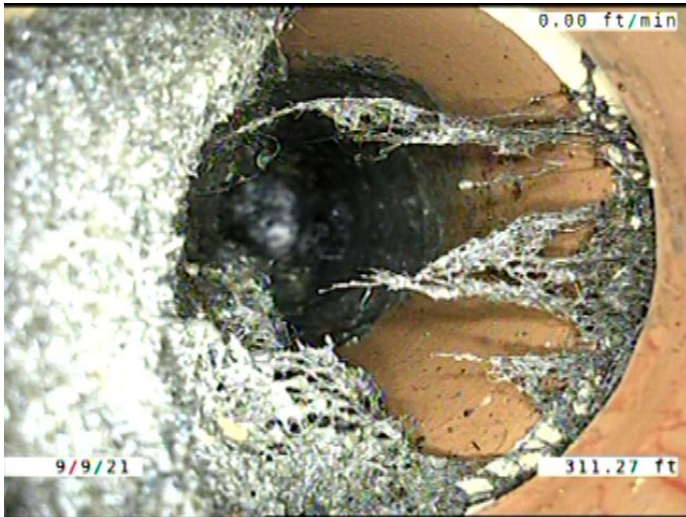
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **301.5**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **309.3**
 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:



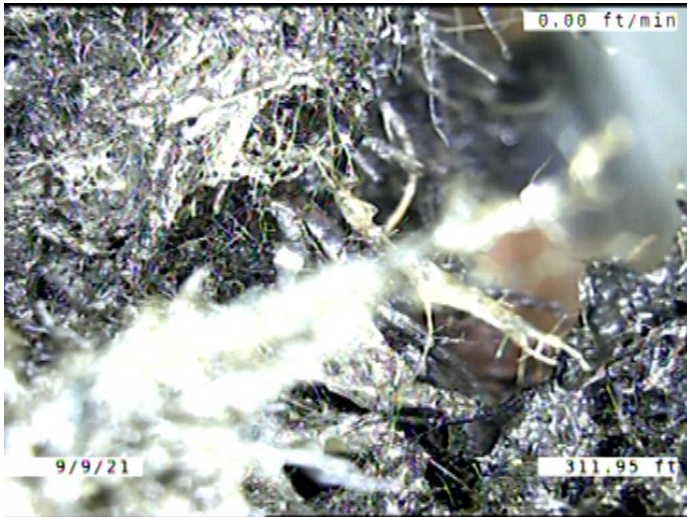
Code: **TF**
Description: **Tap Factory**

Distance (ft): **311.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING IN THE TAP**



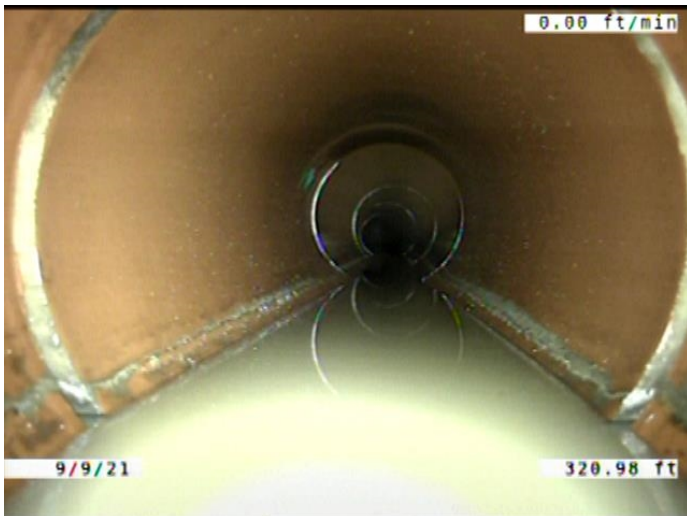
Code: **B**
Description: **Broken**

Distance (ft): **312.0**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **3**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **312.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **7**
 Clock To: **10**
 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): **321.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	355.0
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-404-029