

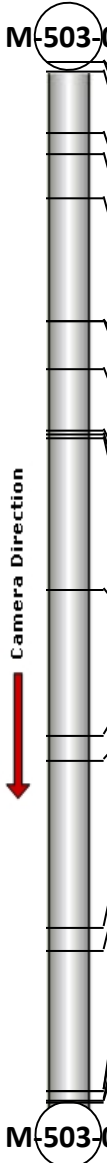
Profile/Photo Observation Report

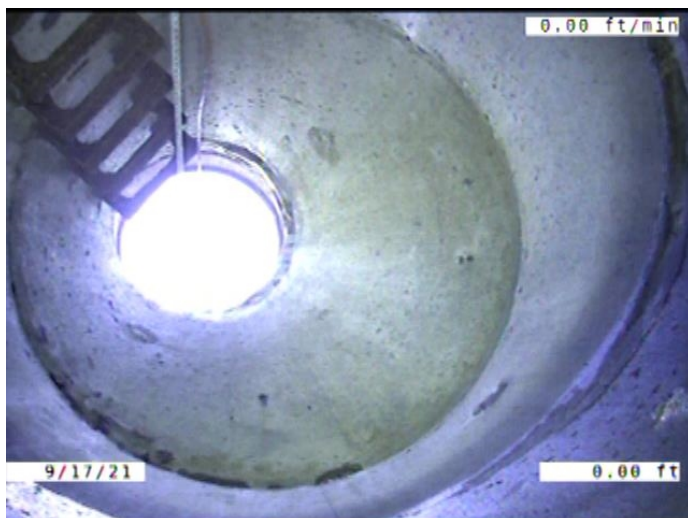


Date:	09/17/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	256.6	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-503-054-055
Customer:	City of Hobart	Clean Date:	08/24/2021	Shape:	C

Street:	North Guyer 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:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-503-054	DS MH:	M-503-055
		Total Length Surveyed (ft):	256.6

O&M Index:	1.98	O&M Quick:	3121	O&M Rating:	107.00
Structural Index:	2.50	Structural Quick:	4123	Structural Rating:	10.00
Overall Index:	2.02	Overall Quick:	4131	Overall Rating:	117.00

	Position	Code	Observation	Video (sec)	Grade
M-503-054					
 Camera Direction	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	65	NA
	2.6	DAE	Deposits Attached Encrustation	131	M 2
	17.6	DAE	Deposits Attached Encrustation	219	M 2
	22.7	DAE(S01)	Deposits Attached Encrustation	274	M 2
	33.7	TF	Tap Factory	361	NA
	63.9	CS	Crack Spiral	493	S 2
	63.9	ISB	Infiltration Stain Barrel	516	M 1
	75.8	TF	Tap Factory	580	NA
	91.1	OBZ	Obstruction Other	656	M 2
	91.7	FM	Fracture Multiple	753	S 4
	92.8	TFD	Tap Factory Defective	777	M 3
	130.1	TF	Tap Factory	901	NA
	166.4	CS	Crack Spiral	1073	S 2
	172.1	TFA	Tap Factory Activity	1115	NA
	213.3	RFJ	Roots Fine Joint	1284	M 1
	219.2	TF	Tap Factory	1329	NA
	253.7	CS	Crack Spiral	1500	S 2
	253.7	DAE	Deposits Attached Encrustation	1534	M 2
	256.3	DAE(F01)	Deposits Attached Encrustation	1567	M 2
	256.6	AMH	Manhole	1638	NA
M-503-055					



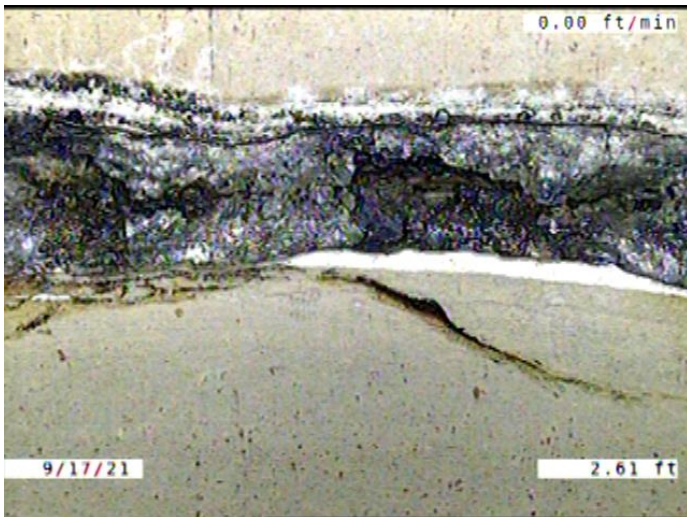
Code: **AMH**
 Description: **Manhole**

 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-503-054**



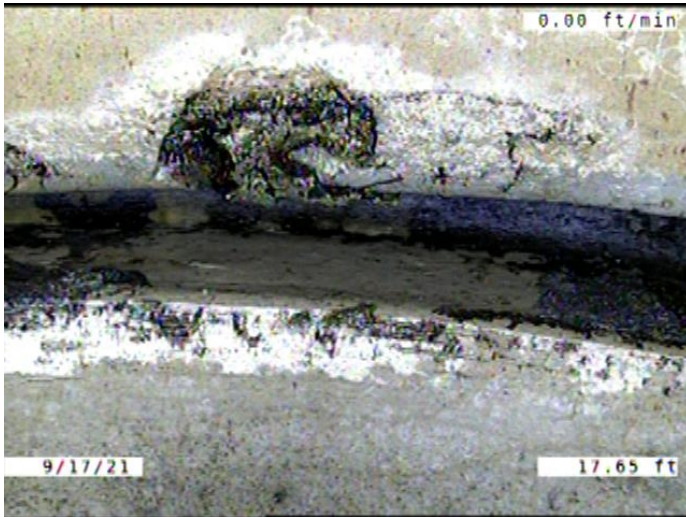
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



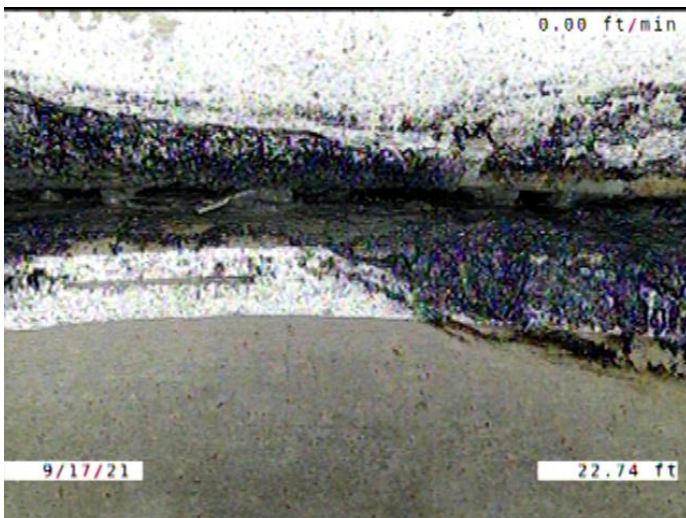
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **2.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



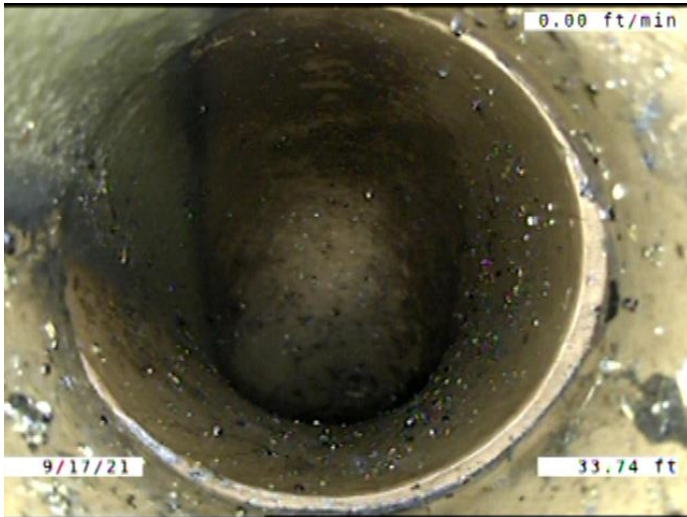
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **17.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



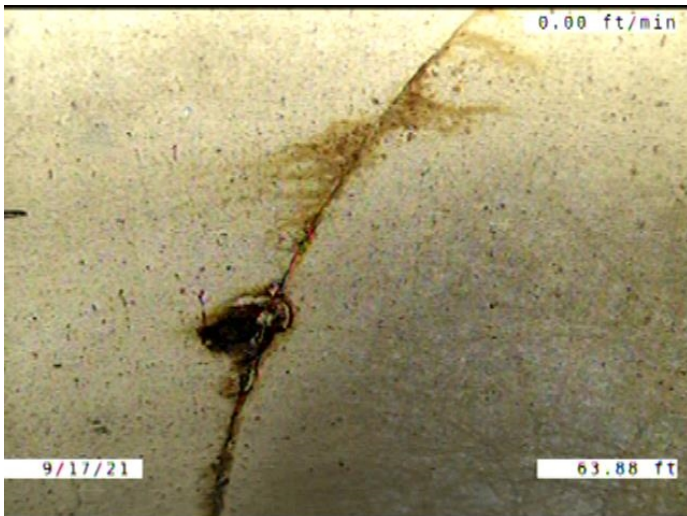
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **22.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



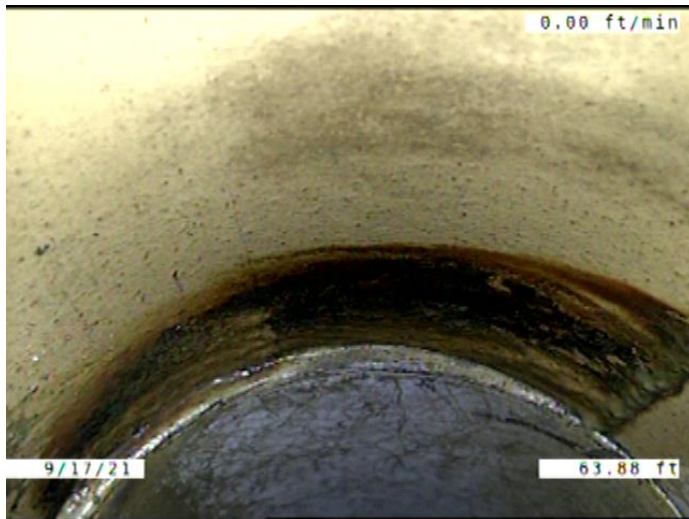
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **33.7**
 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:



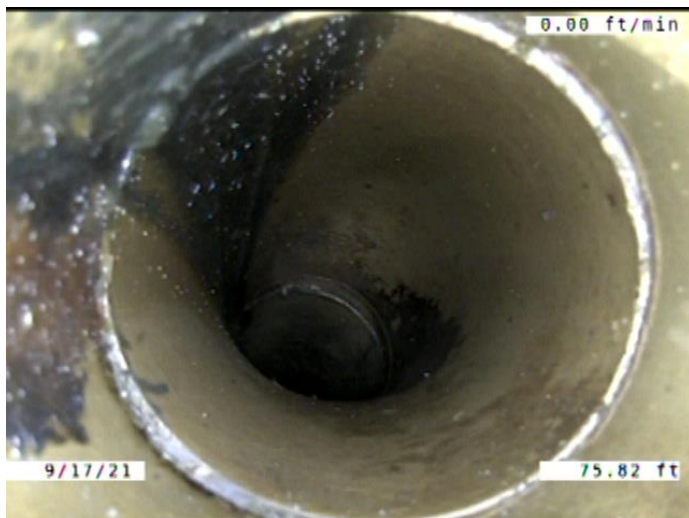
Code: **CS**
 Description: **Crack Spiral**

Distance (ft): **63.9**
 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:



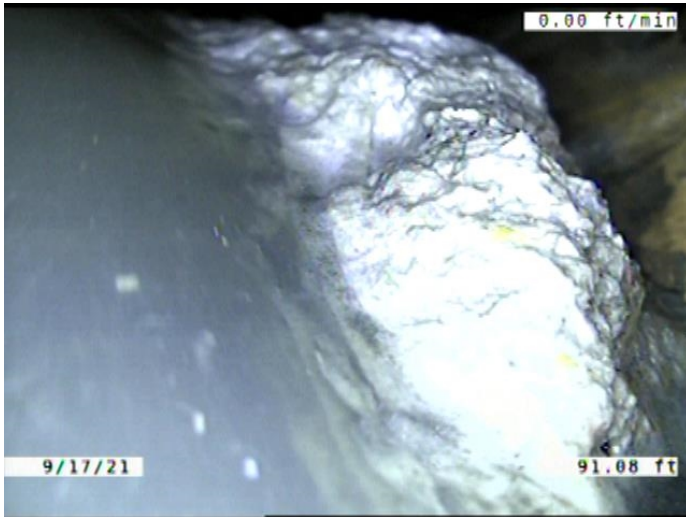
Code: **ISB**
Description: **Infiltration Stain Barrel**

Distance (ft): **63.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **75.8**
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:



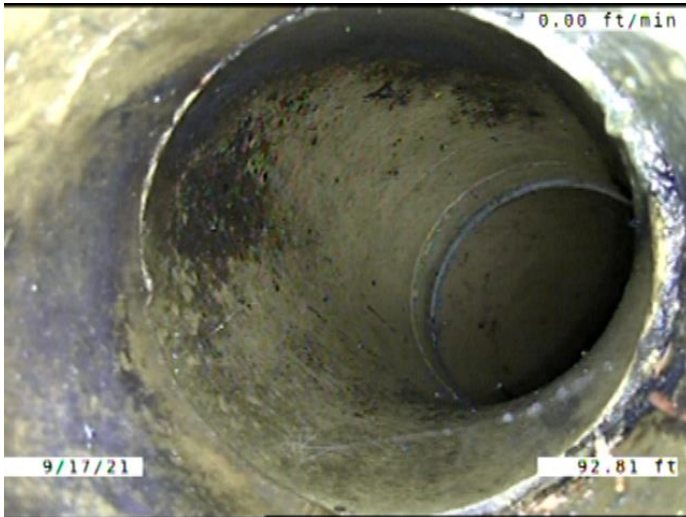
Code: **OBZ**
 Description: **Obstruction Other**

Distance (ft): **91.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TP AND RAGS**



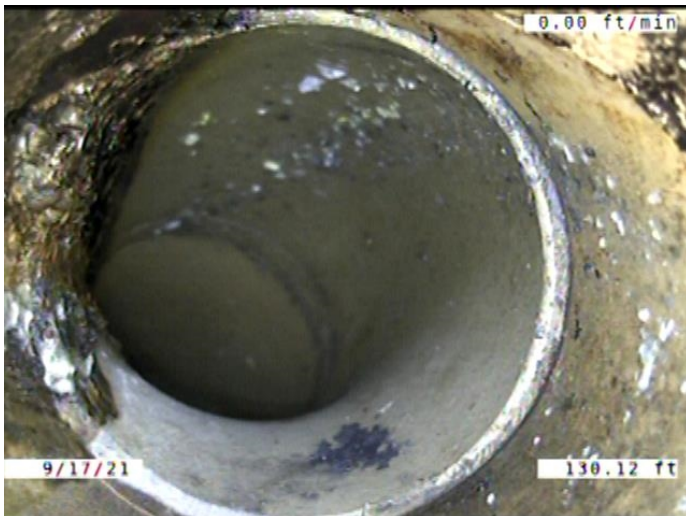
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **91.7**
 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:



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

Distance (ft): **92.8**
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**



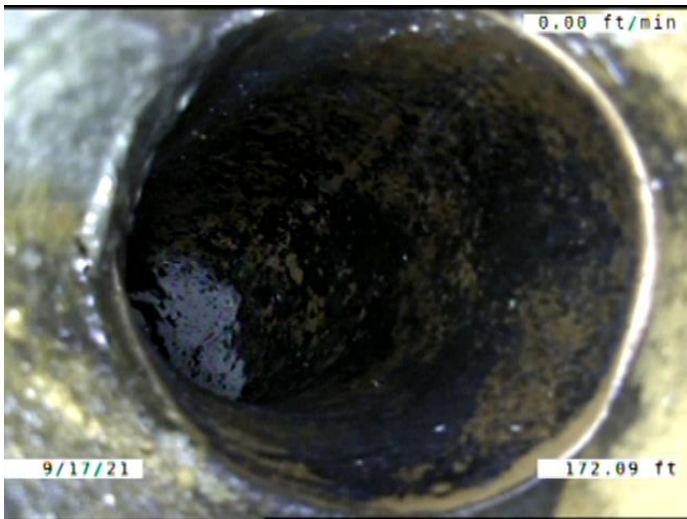
Code: **TF**
Description: **Tap Factory**

Distance (ft): **130.1**
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:



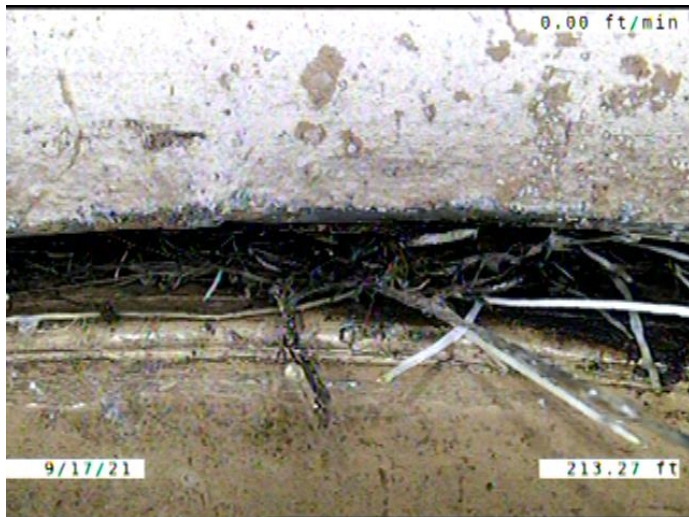
Code: **CS**
 Description: **Crack Spiral**

Distance (ft): **166.4**
 Structural Grade: **2**
 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: **TFA**
 Description: **Tap Factory Activity**

Distance (ft): **172.1**
 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:



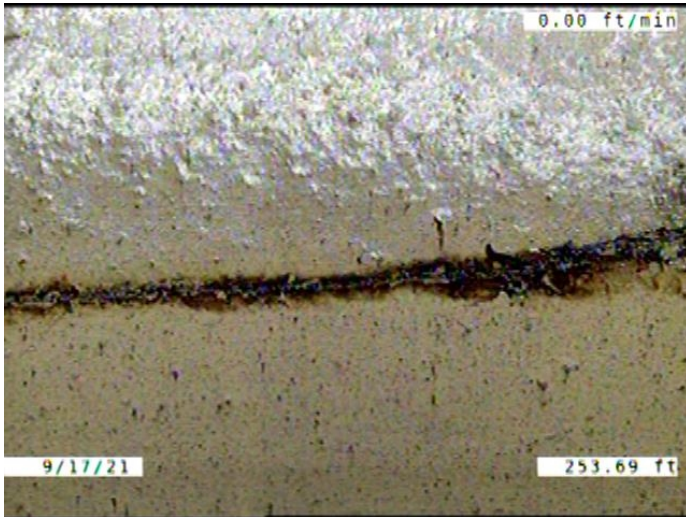
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **213.3**
 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: **YES**
 Remarks:



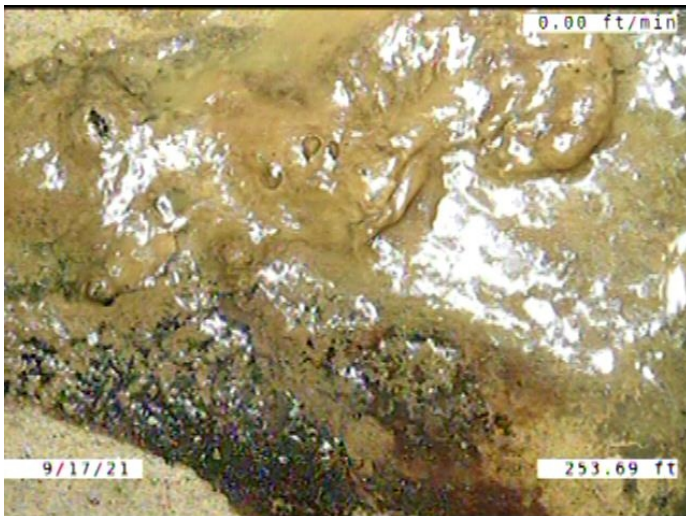
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **219.2**
 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: **ROOTS GROWING IN THE TAP**



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

Distance (ft): **253.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



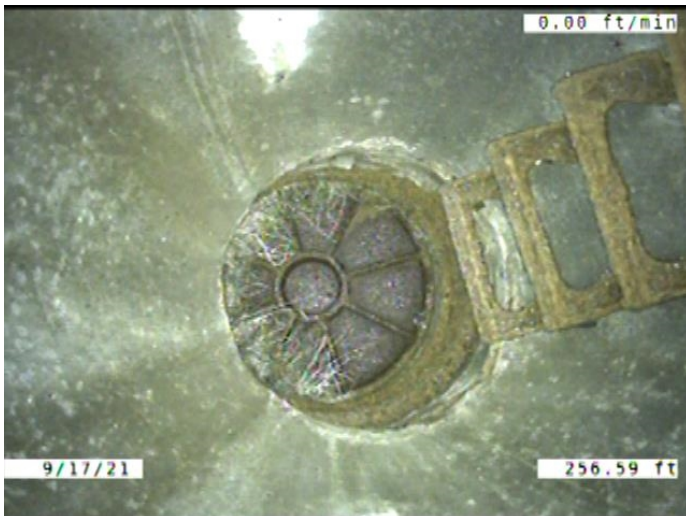
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **253.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **256.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **256.6**
 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-503-055**