

Profile/Photo Observation Report




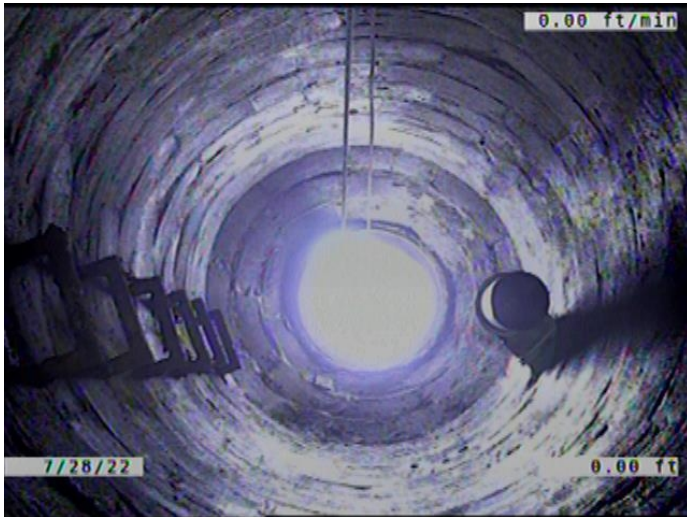
Date:	07/28/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	305.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-405-008-069
Customer:	City of Hobart	Clean Date:	07/18/2022	Shape:	C

Street:	West 3rd Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	18"
Use:	Sanitary Sewage Pipe	Material:	RCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-405-008	DS MH:	M-405-069
		Total Length Surveyed (ft):	302.0

O&M Index:	1.54	O&M Quick:	3B27	O&M Rating:	111.00
Structural Index:	5.00	Structural Quick:	5100	Structural Rating:	5.00
Overall Index:	1.59	Overall Quick:	513B	Overall Rating:	116.00

	Position	Code	Observation	Video (sec)	Grade
M-405-008					
	.0	AMH	Manhole	2	NA
	.0	MWL	Miscellaneous Water Level	85	NA
	1.6	DAE	Deposits Attached Encrustation	155	M 2
	19.0	TBI	Tap Break-in Intruding	257	M 2
	49.9	DAE	Deposits Attached Encrustation	432	M 2
	59.0	DAE	Deposits Attached Encrustation	504	M 2
	61.2	DAE	Deposits Attached Encrustation	541	M 2
	83.7	TBC	Tap Break-in Capped	660	NA
	86.7	TBC	Tap Break-in Capped	725	NA
	94.7	ISB	Infiltration Stain Barrel	780	M 1
	100.7	DAE	Deposits Attached Encrustation	832	M 2
	102.1	TBC	Tap Break-in Capped	884	NA
	105.2	TBC	Tap Break-in Capped	941	NA
	121.3	ISB	Infiltration Stain Barrel	1009	M 1
	131.2	ISB(S01)	Infiltration Stain Barrel	1102	M 1
	134.6	MWL	Miscellaneous Water Level	1130	NA
	163.1	TBD	Tap Break-in/Hammer Defective	1333	M 3
	171.1	RFJ(S02)	Roots Fine Joint	1416	M 1
	171.1	MWL	Miscellaneous Water Level	1436	NA
	190.3	TBC	Tap Break-in Capped	1543	NA
	228.1	RTJ	Roots Tap Joint	1721	M 2
	231.9	TBD	Tap Break-in/Hammer Defective	1867	M 3
	235.6	RMJ(S03)	Roots Medium Joint	1905	M 3
	235.6	RFJ(F02)	Roots Fine Joint	1927	M 1
	268.6	TBD	Tap Break-in/Hammer Defective	2112	M 3
	273.3	TBC	Tap Break-in Capped	2180	NA
	273.3	SRP	Surface Damage Reinforcement Projecting	2197	S 5
	278.6	MWL	Miscellaneous Water Level	2281	NA
	299.6	ISB(F01)	Infiltration Stain Barrel	2362	M 1
	299.6	RMJ(F03)	Roots Medium Joint	2370	M 3
	302.0	AMH	Manhole	2453	NA
M-405-069					



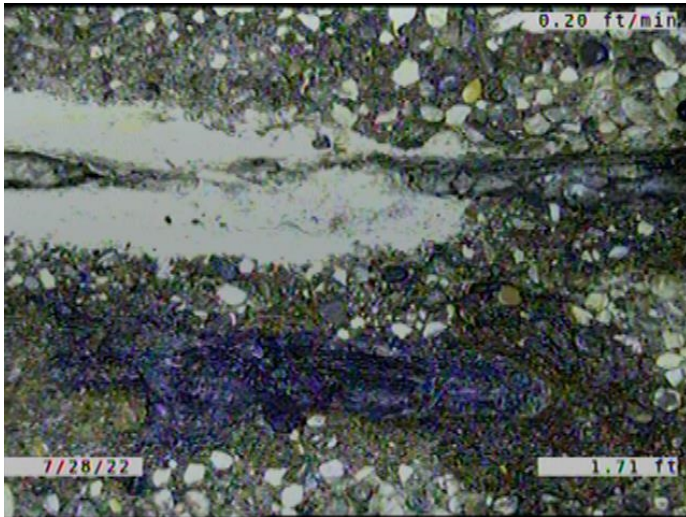
Code: **AMH**
Description: **Manhole**

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-405-008**



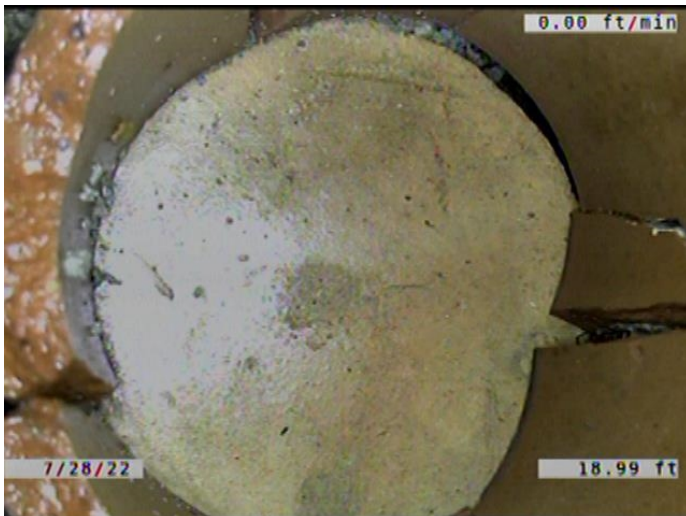
Code: **MWL**
Description: **Miscellaneous Water Level**

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



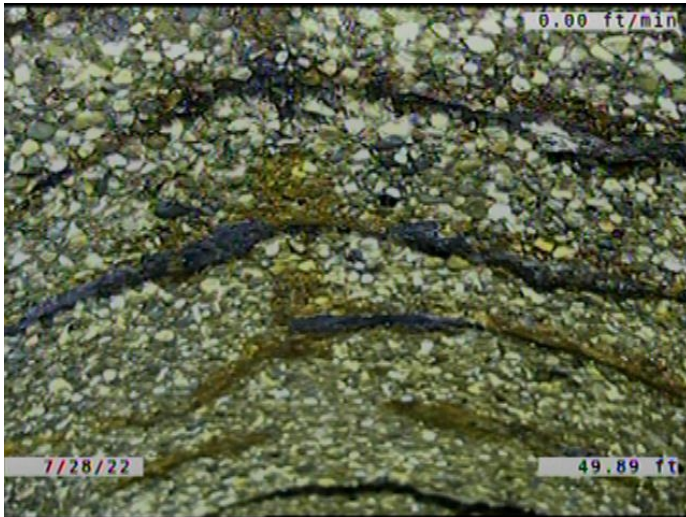
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **1.6**
 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:



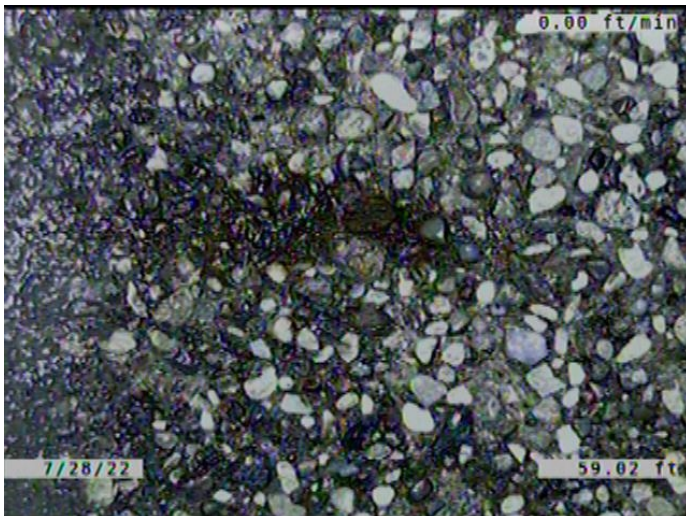
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **19.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To:
 1st Value: **6.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP BROKEN. CAPPED. CAP BROKEN. SOIL VISIBLE.**



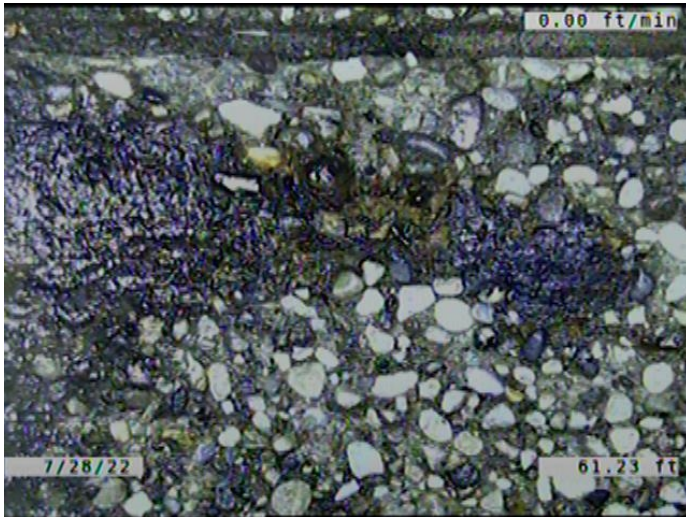
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **49.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **1**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



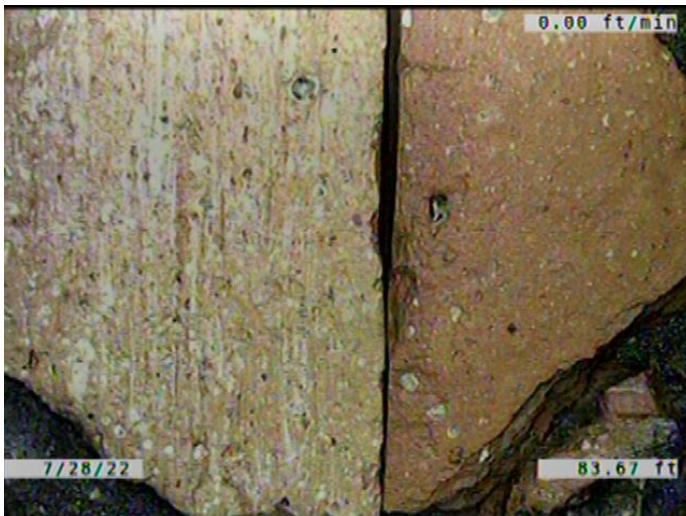
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **59.0**
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: **NO**
Remarks:



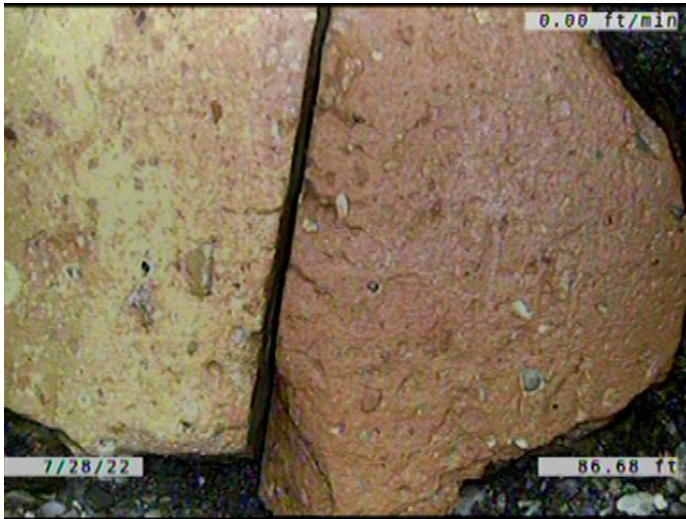
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **61.2**
 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:



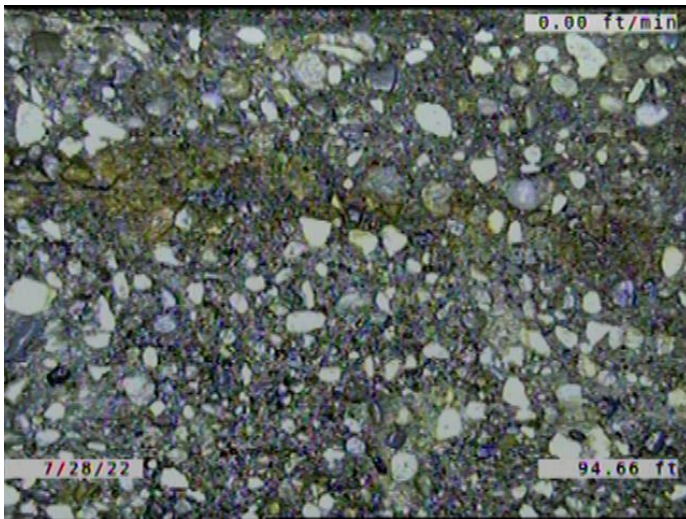
Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **83.7**
 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:



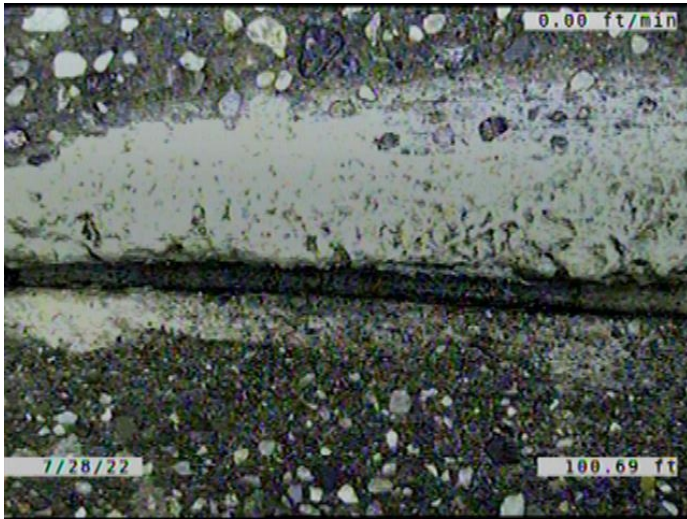
Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **86.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



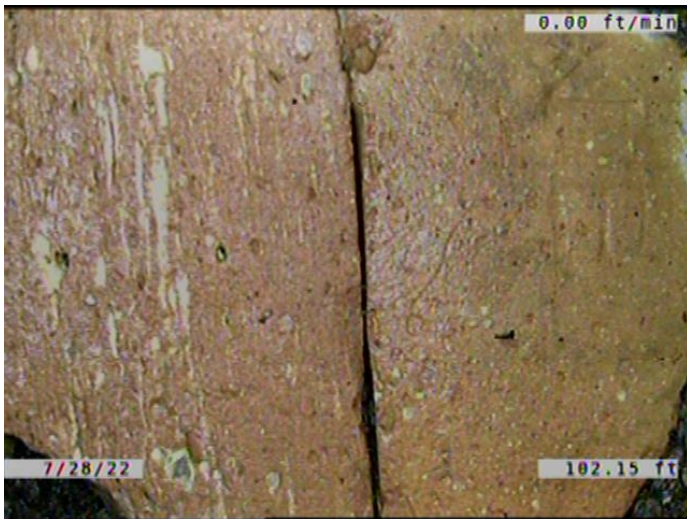
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **94.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



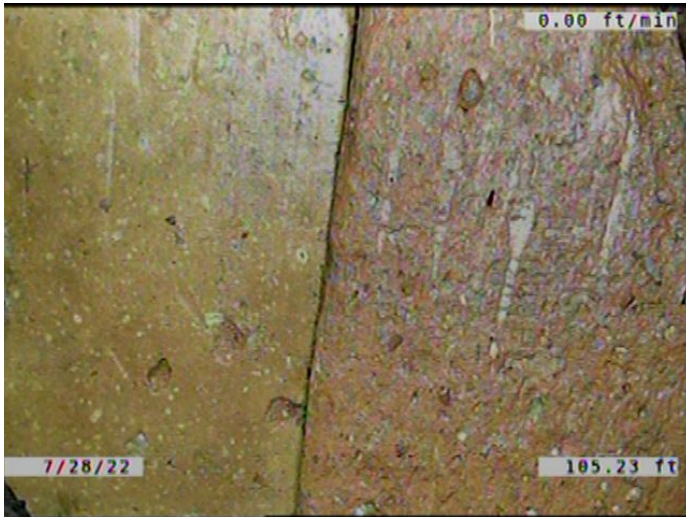
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **100.7**
 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:



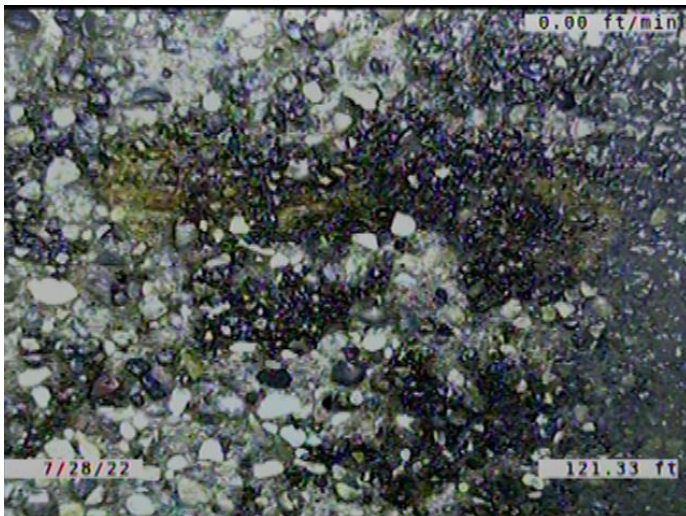
Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **102.1**
 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:



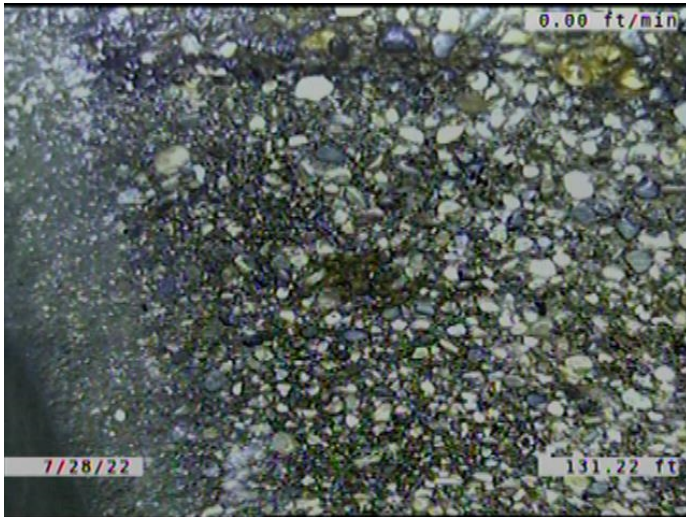
Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **105.2**
 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: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **121.3**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **3**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



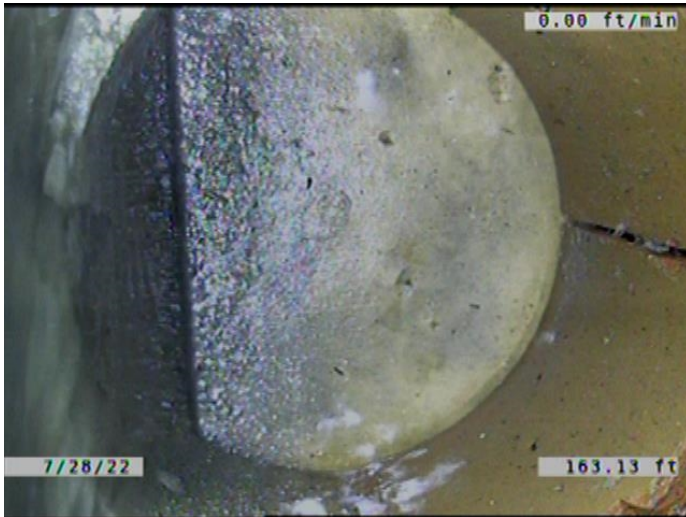
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **131.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



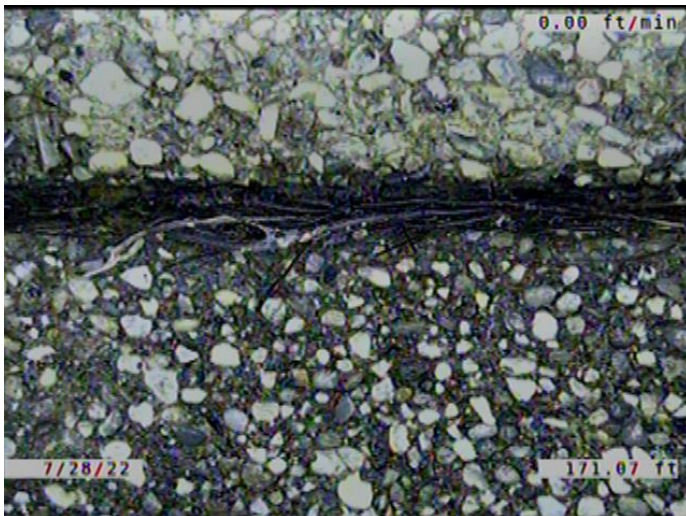
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **134.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **25.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **163.1**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **9**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP BROKEN. HOLE, CAPPED.**



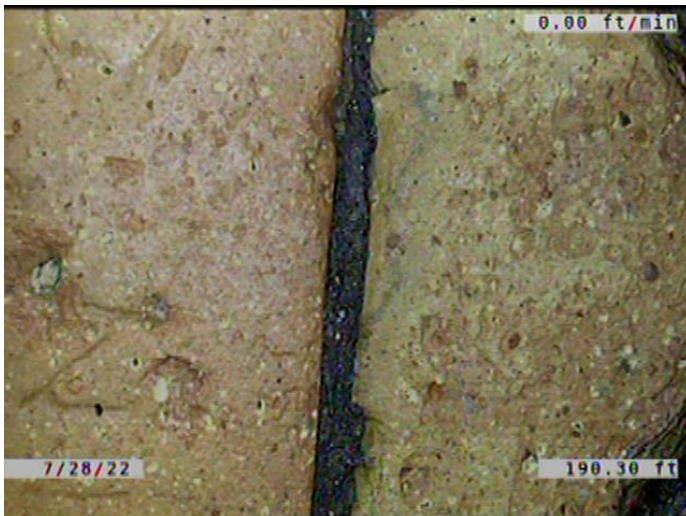
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **171.1**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S02**
 Within 8" of Joint: **YES**
 Remarks:



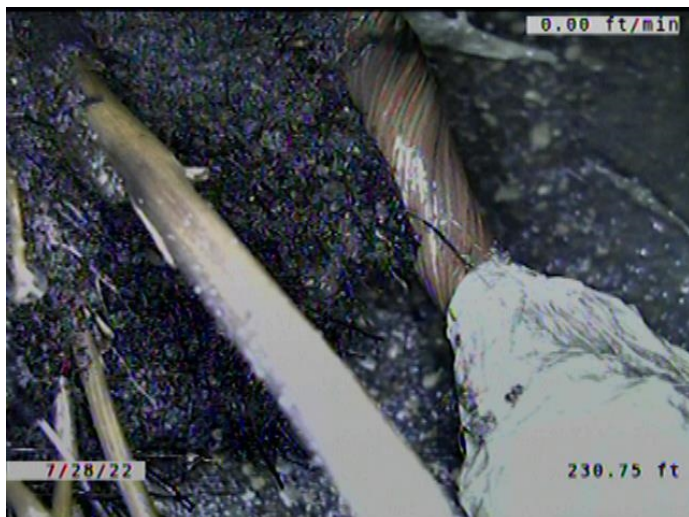
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **171.1**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **40.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **190.3**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



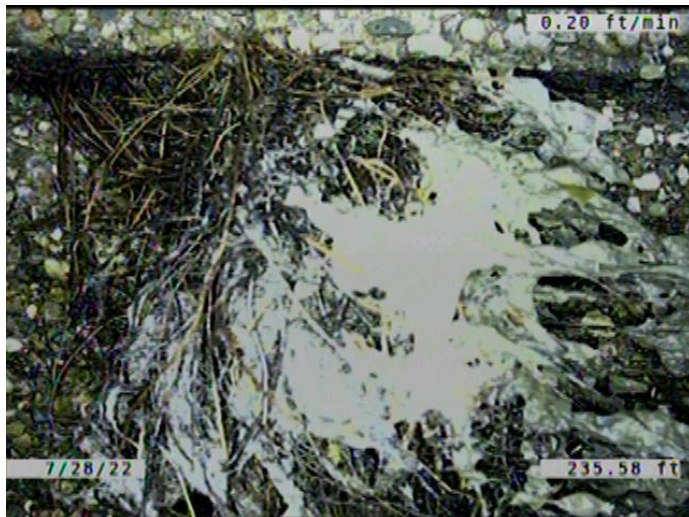
Code: **RTJ**
 Description: **Roots Tap Joint**

Distance (ft): **228.1**
 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: **TBD**
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **231.9**
 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: **CONSTANTLY RUNING WATER.
 ROOTS GROWING AROUND THE TAP.**



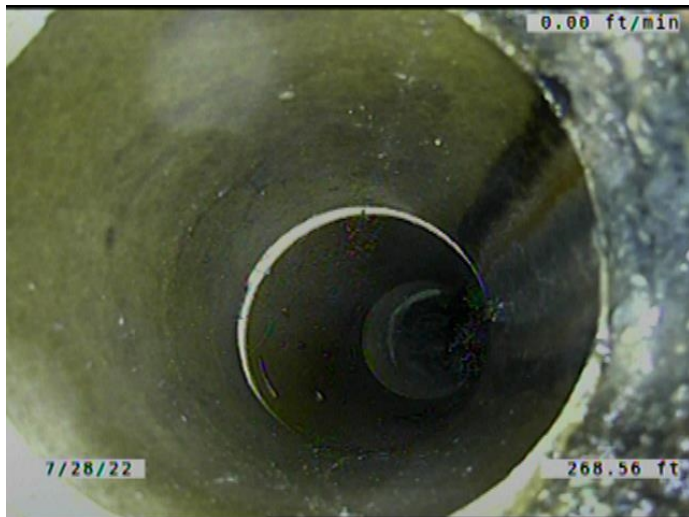
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **235.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **235.6**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F02**
 Within 8" of Joint: **YES**
 Remarks:



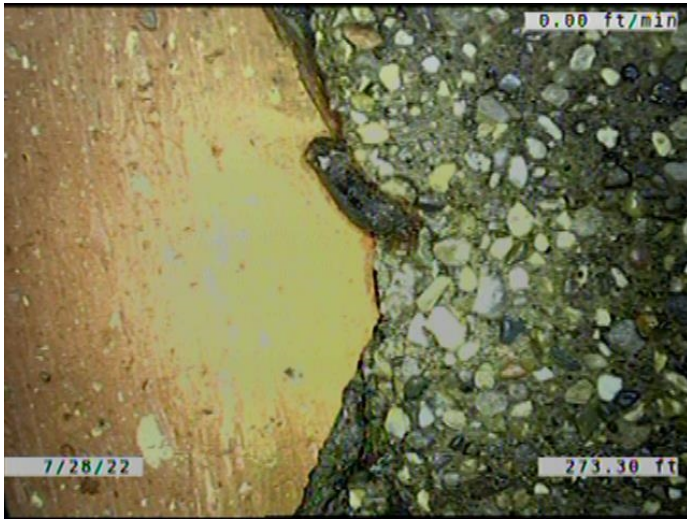
Code: **TBD**
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **268.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER, ROOTS GROWING IN THE JOINTS.**



Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **273.3**
 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:



Code: **SRP**
 Description: **Surface Damage Reinforcement Projecting**

Distance (ft): **273.3**
 Structural Grade: **5**
 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: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **278.6**
 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:



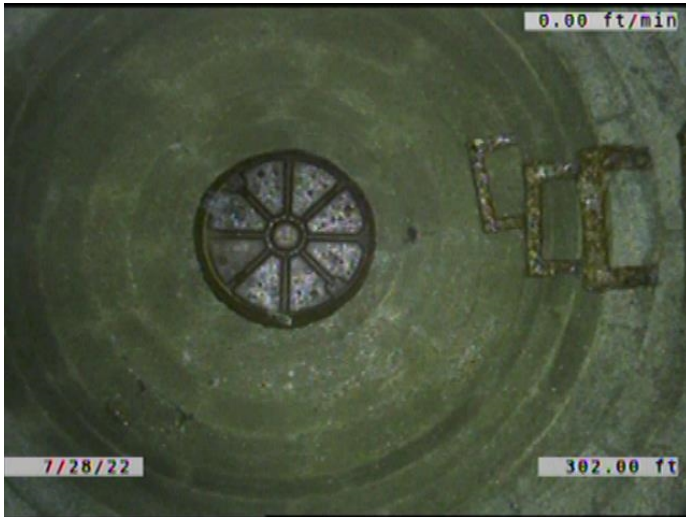
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **299.6**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **299.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F03**
 Within 8" of Joint: **YES**
 Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	302.0
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-405-069