


Profile/Photo Observation Report



Date:	10/19/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	165.3	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-503-017-016
Customer:	City of Hobart	Clean Date:	09/06/2021	Shape:	C

Street:	West 39th Place	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:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-503-016	DS MH:	M-503-017
		Total Length Surveyed (ft):	165.3

O&M Index:	2.25	O&M Quick:	423A	O&M Rating:	117.00
Structural Index:	4.00	Structural Quick:	4D00	Structural Rating:	108.00
Overall Index:	2.85	Overall Quick:	4D3A	Overall Rating:	225.00

	Position	Code	Observation	Video (sec)	Grade
 Camera Direction	M-503-016				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	63	NA
	.0	DSF(S01)	Deposits Settled Fine	72	M 2
	9.1	FM	Fracture Multiple	143	S 4
	14.0	FM	Fracture Multiple	236	S 4
	15.4	MMC	Miscellaneous Material Change	286	NA
	35.9	MMC	Miscellaneous Material Change	475	NA
	41.2	TFC	Tap Factory Capped	538	NA
	44.2	FM(S02)	Fracture Multiple	593	S 4
	44.3	TB	Tap Break-in/Hammer	608	NA
	44.4	MWL	Miscellaneous Water Level	628	NA
	60.2	TFC	Tap Factory Capped	903	NA
	79.5	DAE	Deposits Attached Encrustation	1187	M 2
	98.8	RTC	Roots Tap Connection	1369	M 2
	99.2	TFD	Tap Factory Defective	1390	M 3
	102.1	RFJ	Roots Fine Joint	1449	M 1
	104.4	RMJ	Roots Medium Joint	1503	M 3
	106.4	RMJ	Roots Medium Joint	1552	M 3
	108.3	RMJ	Roots Medium Joint	1609	M 3
	110.2	B	Broken	1657	S 4
	110.2	RBJ	Roots Ball Joint	1678	M 4
	112.0	RMJ(S03)	Roots Medium Joint	1737	M 3
	118.6	RBJ	Roots Ball Joint	1814	M 4
	122.6	RTJ	Roots Tap Joint	1860	M 2
	126.0	TFC	Tap Factory Capped	1908	NA
	131.0	RTJ	Roots Tap Joint	1973	M 2
	134.7	OBM	Obstruction Pipe Material in Invert	2029	M 2
	142.9	RMJ(F03)	Roots Medium Joint	2093	M 3
	160.2	DAE	Deposits Attached Encrustation	2181	M 2
	164.0	DSF(F01)	Deposits Settled Fine	2213	M 2
	164.0	FM(F02)	Fracture Multiple	2222	S 4
	165.3	AMH	Manhole	2304	NA
	M-503-017				



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-503-016**



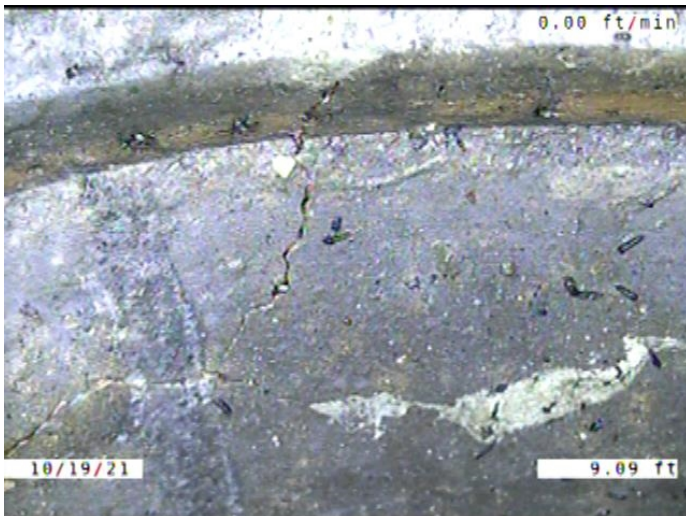
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



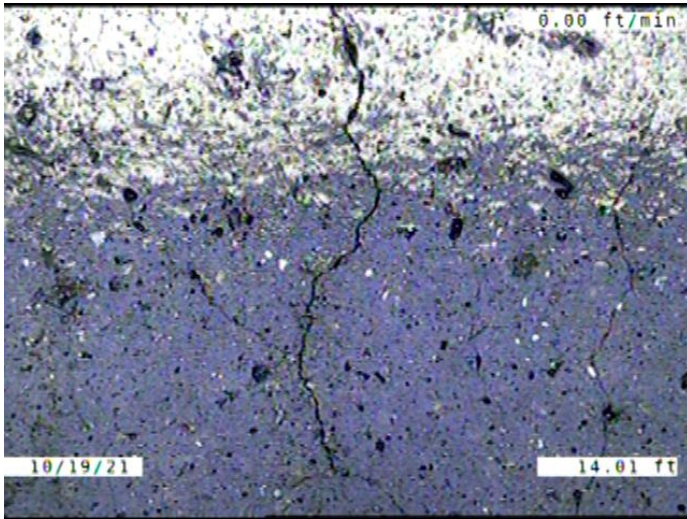
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **.0**
 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:



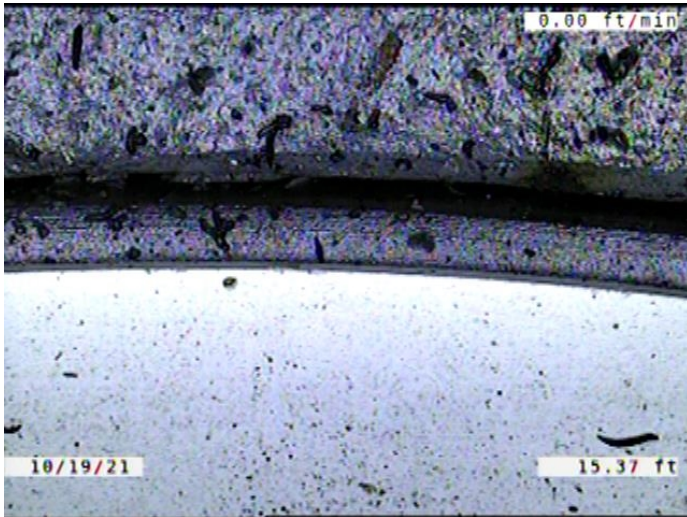
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **9.1**
 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:



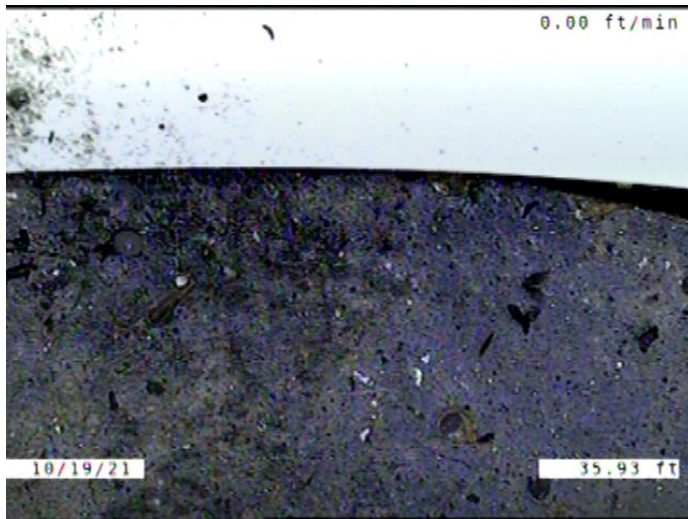
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **14.0**
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:



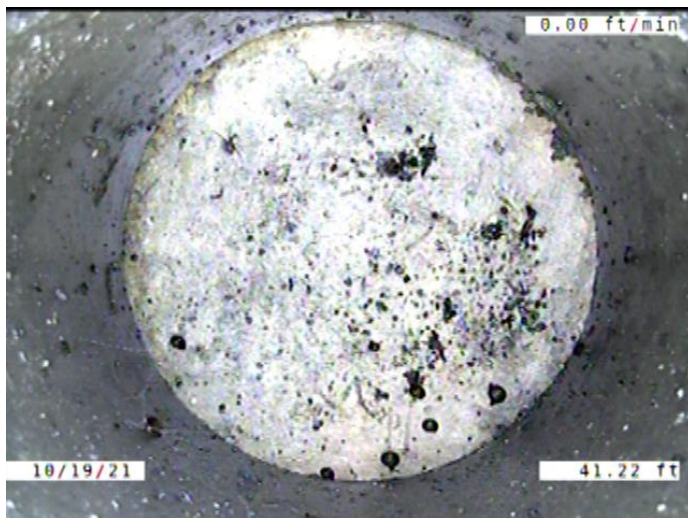
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **15.4**
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: **VCP TO PVC**



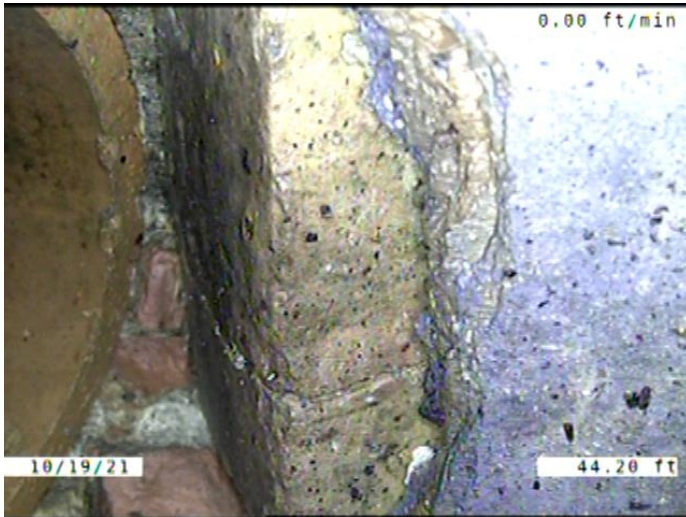
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **35.9**
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: **PVC TO VCP**



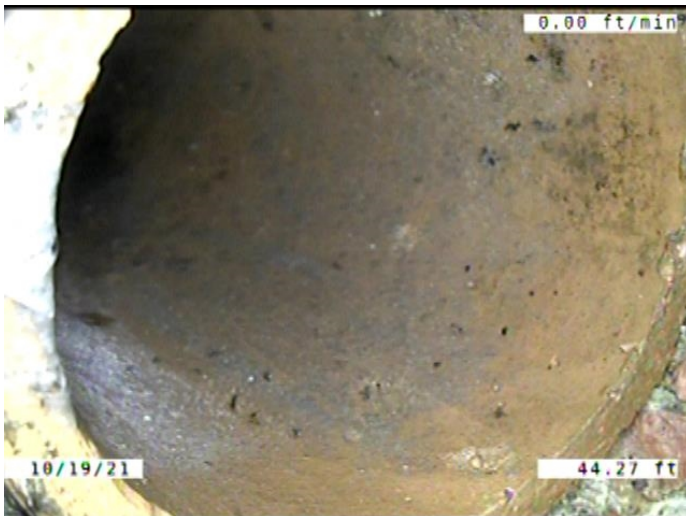
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **41.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



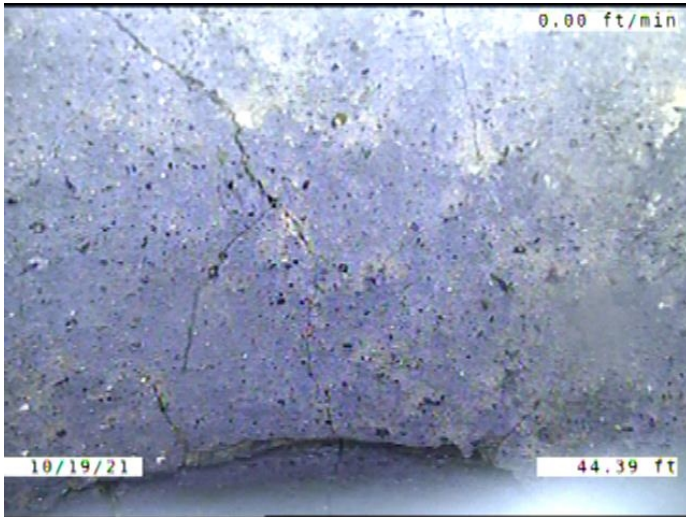
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **44.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



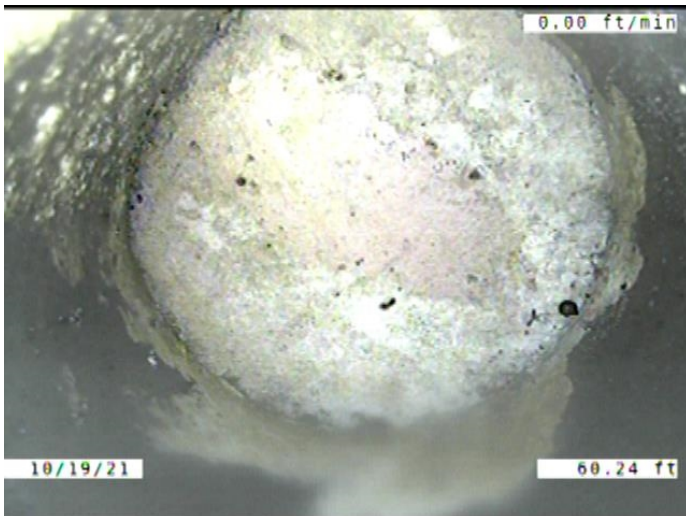
Code: **TB**
Description: **Tap Break-in/Hammer**

Distance (ft): **44.3**
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: **CONSTANTLY RUNNING WATER**



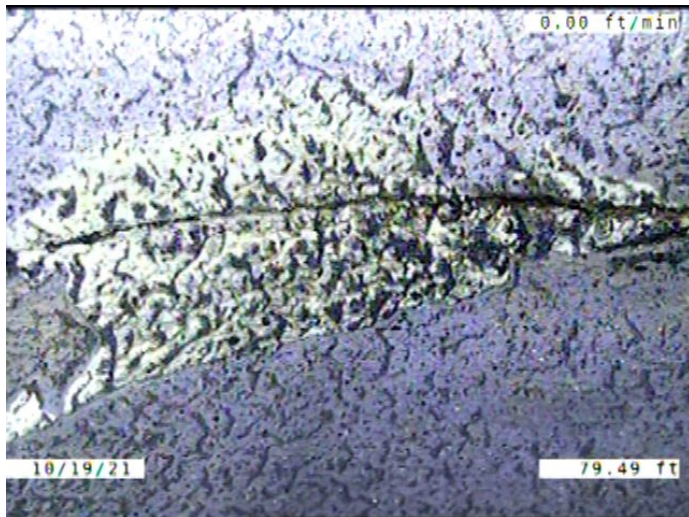
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **44.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



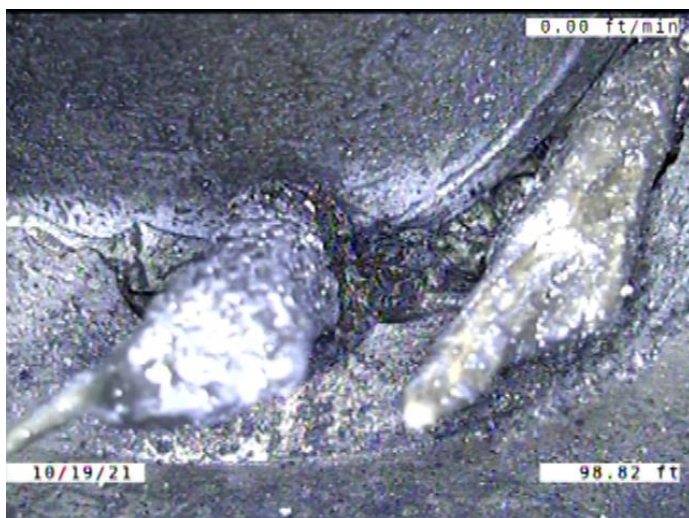
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **60.2**
 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: **ENCUSTATION AROUND THE CAP**



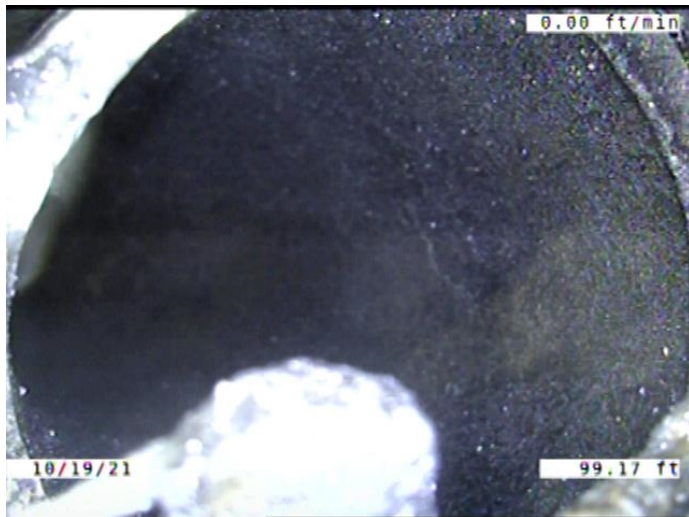
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **79.5**
 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:

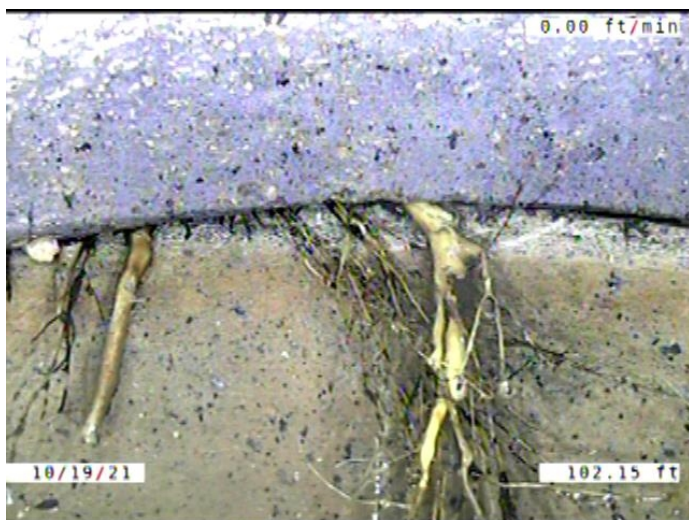


Code: **RTC**
 Description: **Roots Tap Connection**

Distance (ft): **98.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	99.2
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:	CONSTANTLY RUNNING WATER

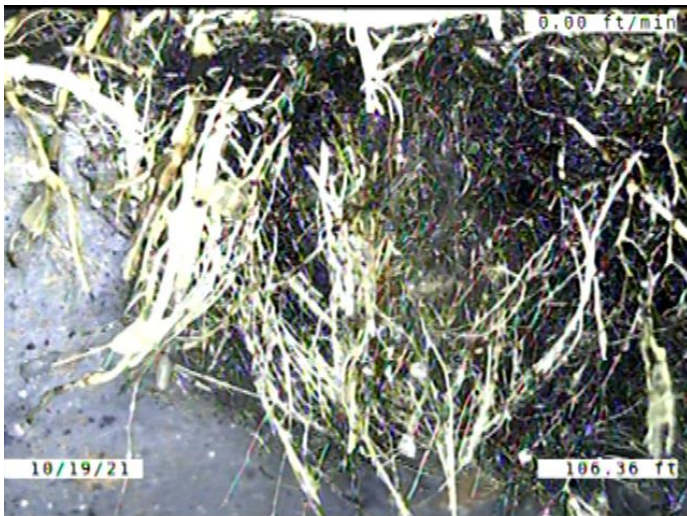


Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	102.1
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



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

Distance (ft): **104.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **106.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **108.3**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **9**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **25.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



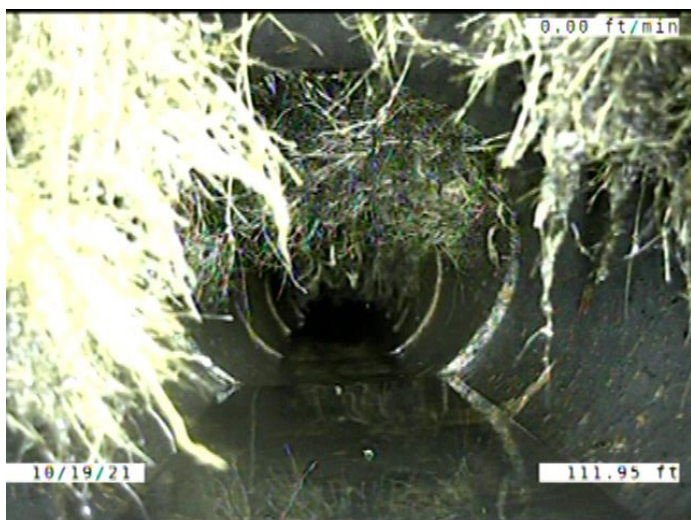
Code: **B**
 Description: **Broken**

Distance (ft): **110.2**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



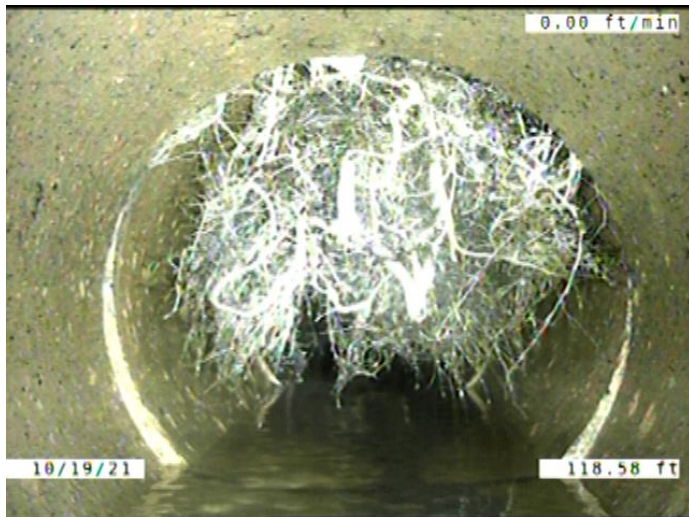
Code: **RBJ**
 Description: **Roots Ball Joint**

Distance (ft): **110.2**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **65.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



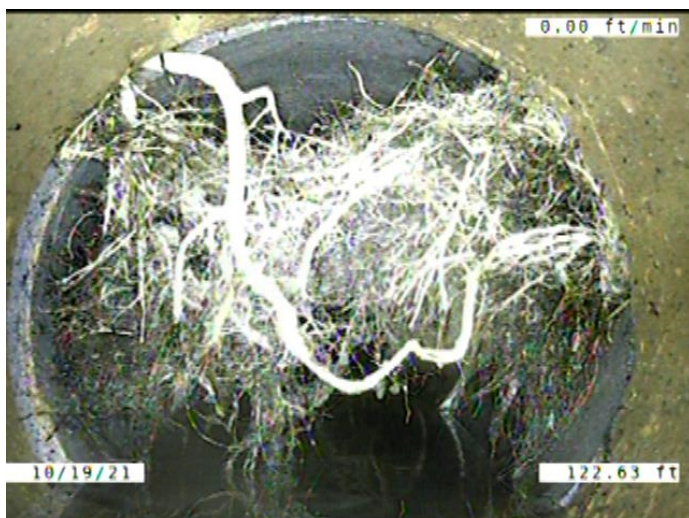
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **112.0**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **35.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



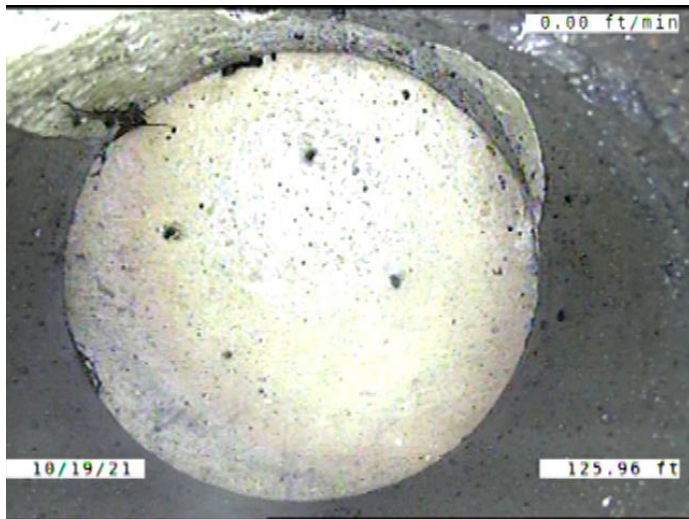
Code: **RBJ**
 Description: **Roots Ball Joint**

Distance (ft): **118.6**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **65.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



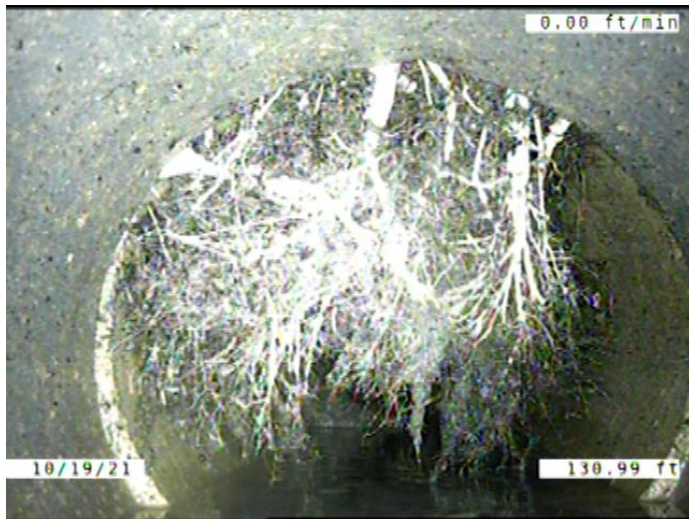
Code: **RTJ**
 Description: **Roots Tap Joint**

Distance (ft): **122.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **50.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **126.0**
 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: **ENCUSTATION AROUND THE CAP**



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

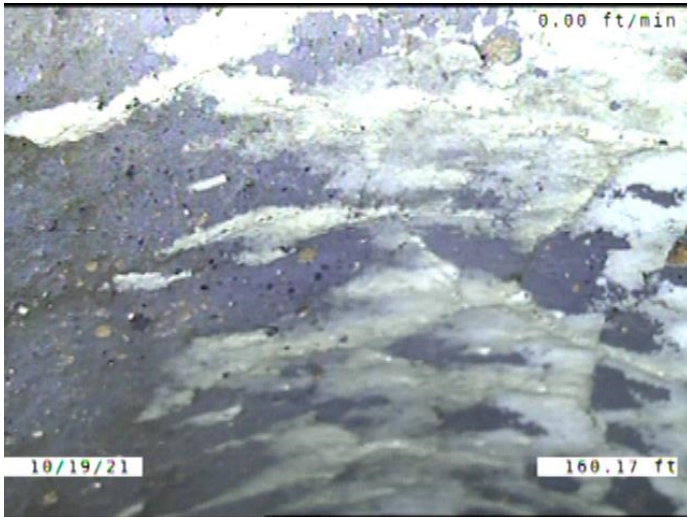
Distance (ft): **131.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **55.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	OBM
Description:	Obstruction Pipe Material in Invert
Distance (ft):	134.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	4
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	RMJ
Description:	Roots Medium Joint
Distance (ft):	142.9
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	F03
Within 8" of Joint:	YES
Remarks:	



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

Distance (ft): **160.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **9**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **164.0**
 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: **FM**
 Description: **Fracture Multiple**

Distance (ft): **164.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F02**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **165.3**
 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-503-017**