

Profile/Photo Observation Report



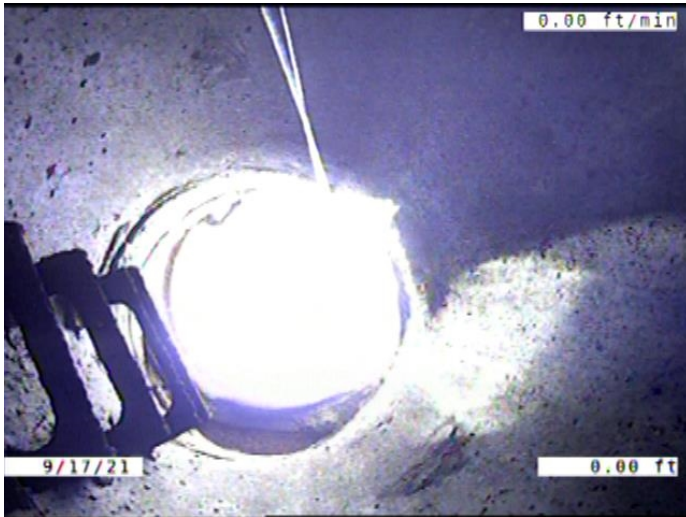
Date:	09/17/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	291.0	Owner:	City of Hobart	Pre Clean:	Light Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-503-051-052
Customer:	City of Hobart	Clean Date:	08/25/2021	Shape:	C

Street:	West 38th Place	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	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-503-052	DS MH:	M-503-051
		Total Length Surveyed (ft):	92.0

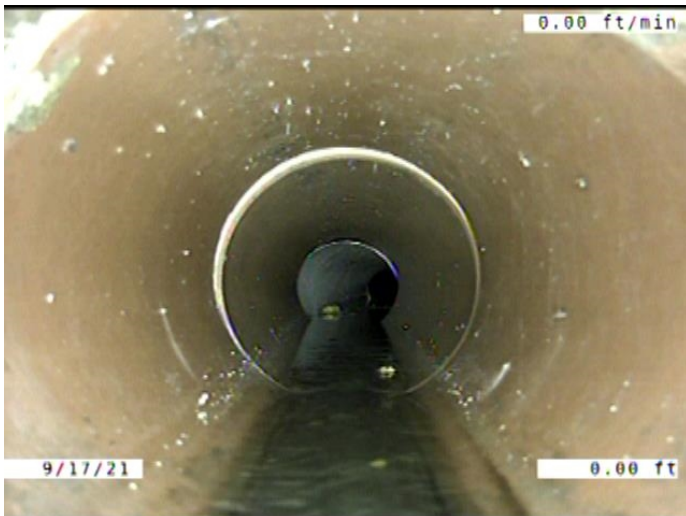
O&M Index:	2.50	O&M Quick:	4538	O&M Rating:	80.00
Structural Index:	4.00	Structural Quick:	4200	Structural Rating:	8.00
Overall Index:	2.59	Overall Quick:	4738	Overall Rating:	88.00

	Position	Code	Observation	Video (sec)	Grade
	M-503-052				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	62	NA
	4.7	MMC	Miscellaneous Material Change	127	NA
	4.7	LR	Line Right	144	M 1
	10.7	DSF(S01)	Deposits Settled Fine	182	M 2
	15.3	MMC	Miscellaneous Material Change	237	NA
	15.3	OBM	Obstruction Pipe Material in Invert	252	M 2
	19.6	B(S02)	Broken	328	S 4
	24.4	B(F02)	Broken	362	S 4
	29.6	FM(S03)	Fracture Multiple	443	S 4
	34.5	RMJ	Roots Medium Joint	502	M 3
	35.5	FM(F03)	Fracture Multiple	528	S 4
	39.7	RMJ	Roots Medium Joint	577	M 3
	40.4	RML	Roots Medium Lateral	630	M 3
	40.4	TFD	Tap Factory Defective	647	M 3
	41.5	RMJ	Roots Medium Joint	694	M 3
	43.7	RMJ	Roots Medium Joint	764	M 3
	48.6	RBJ	Roots Ball Joint	815	M 4
	53.8	RMJ	Roots Medium Joint	895	M 3
	53.9	ISJ	Infiltration Stain Joint	923	M 1
	68.7	RBJ	Roots Ball Joint	1005	M 4
	73.6	RMJ	Roots Medium Joint	1061	M 3
	78.5	RBJ	Roots Ball Joint	1122	M 4
	90.0	TF	Tap Factory	1216	NA
	90.9	RBJ	Roots Ball Joint	1254	M 4
	91.8	IRJ	Infiltration Runner Joint	1316	M 4
	91.9	DSF(F01)	Deposits Settled Fine	1333	M 2
	92.0	MSA	Miscellaneous Survey Abandoned	1342	NA
	M-503-051				



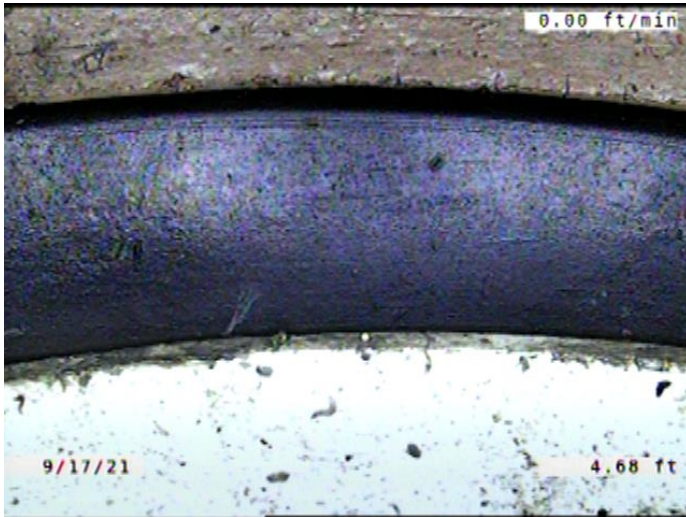
Code: **AMH**
Description: **Manhole**

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-503-052**



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

Distance (ft): **4.7**
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: **VCP TO PVC**



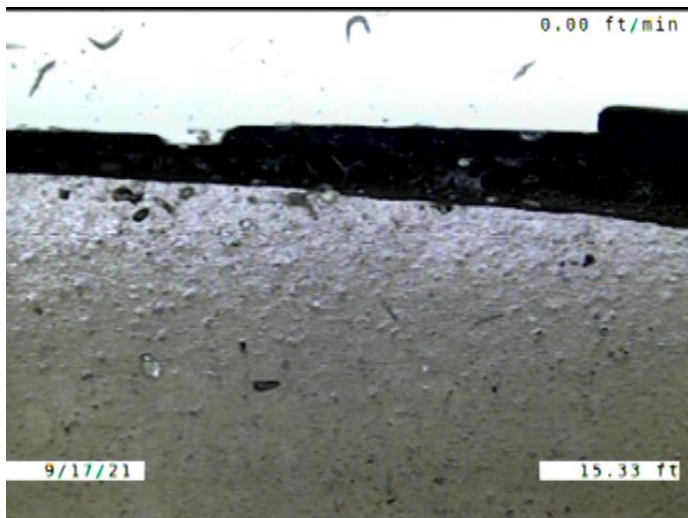
Code: **LR**
Description: **Line Right**

Distance (ft): **4.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



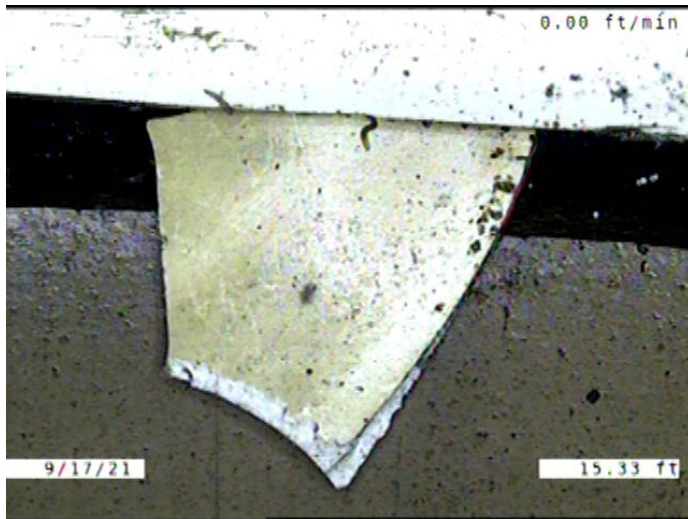
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **10.7**
 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:



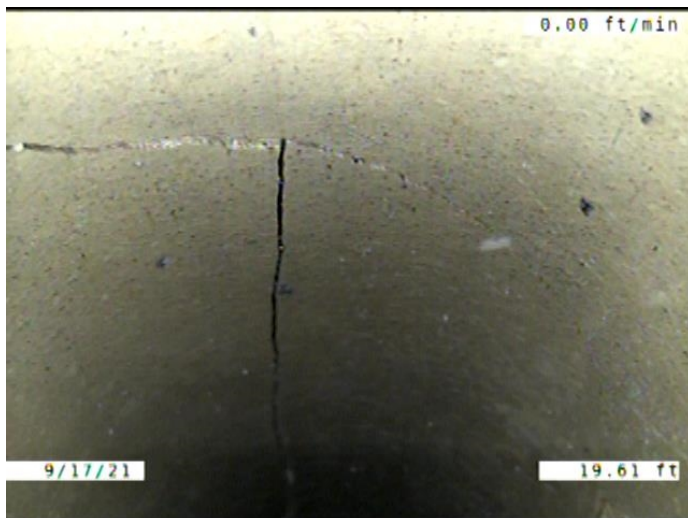
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **15.3**
 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: **PVC TO VCP**



Code: **OBM**
 Description: **Obstruction Pipe Material in Invert**

Distance (ft): **15.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



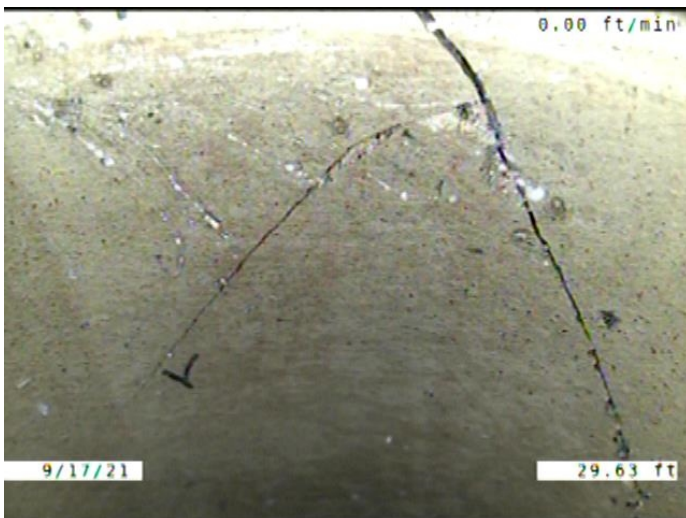
Code: **B**
 Description: **Broken**

Distance (ft): **19.6**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S02**
 Within 8" of Joint: **YES**
 Remarks:



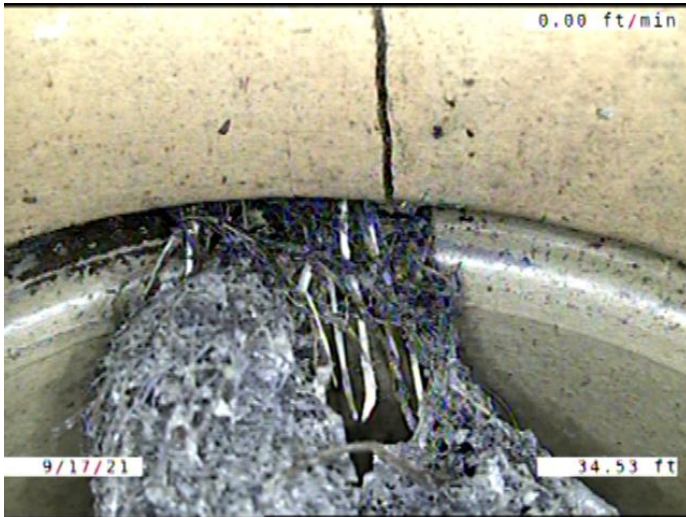
Code: **B**
Description: **Broken**

Distance (ft): **24.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **29.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



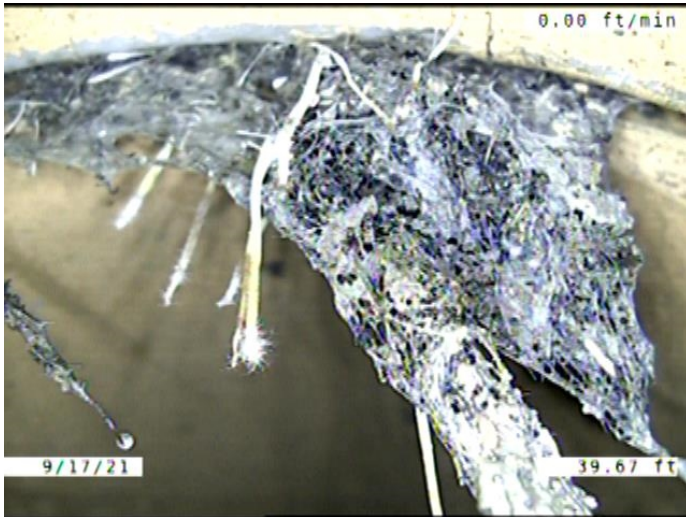
Code: **RMJ**
Description: **Roots Medium Joint**

Distance (ft): **34.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



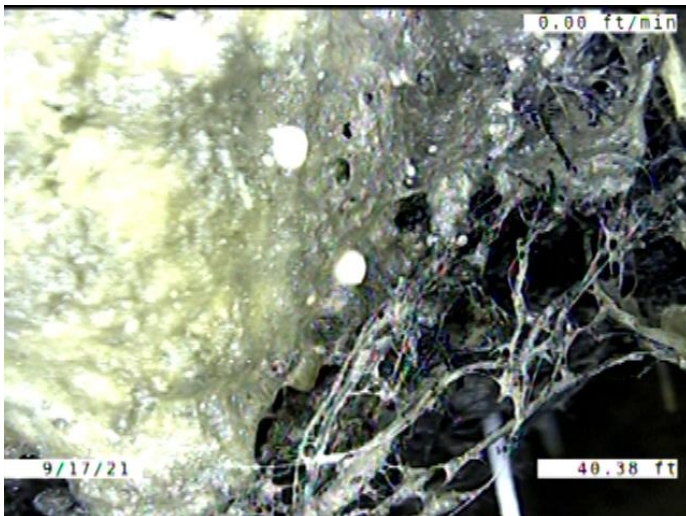
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **35.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



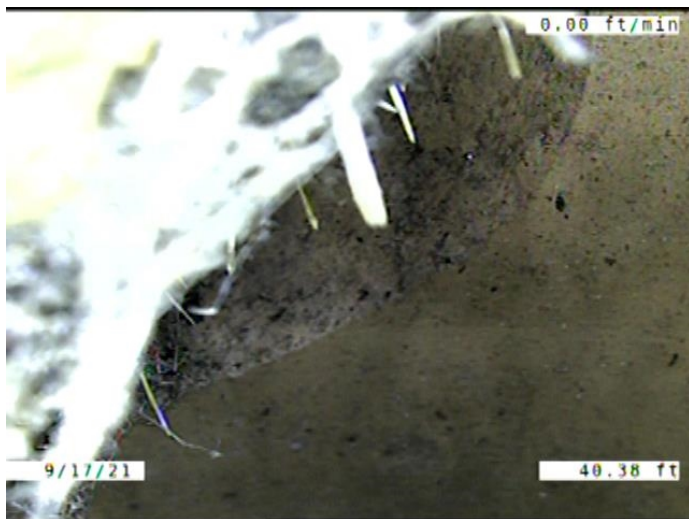
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **39.7**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **12**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:

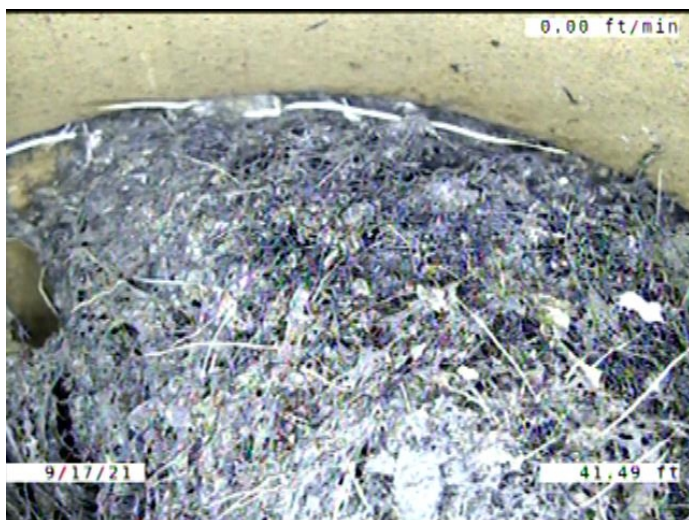


Code: **RML**
 Description: **Roots Medium Lateral**

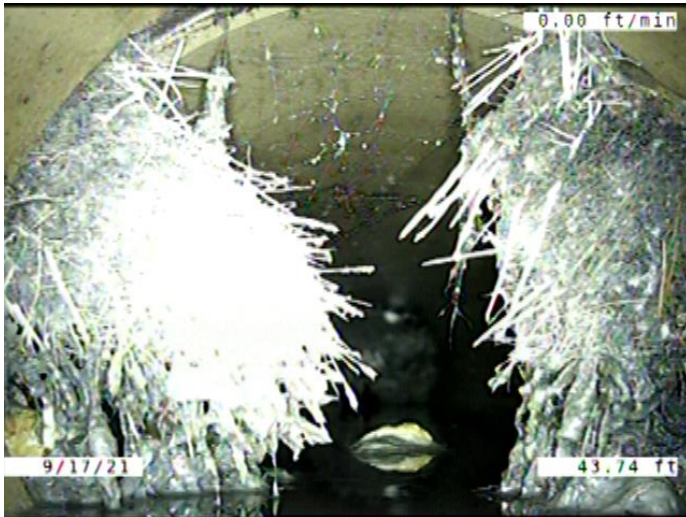
Distance (ft): **40.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **9**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent: **30.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	40.4
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	LOOKS TO BE 100% PLUGGED WITH ROOTS

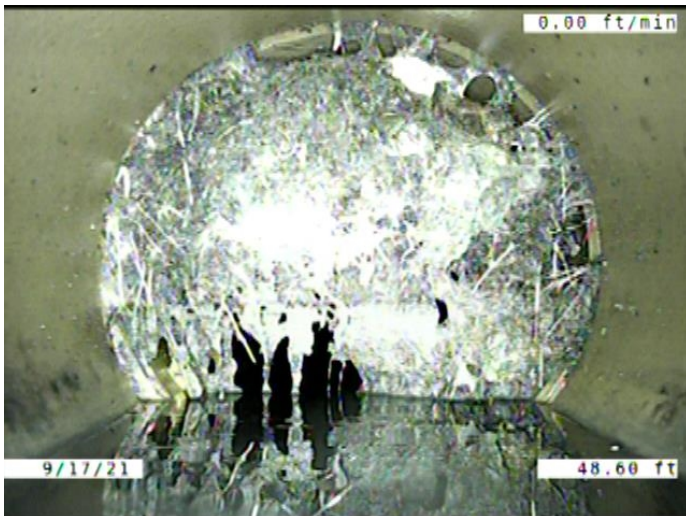


Code:	RMJ
Description:	Roots Medium Joint
Distance (ft):	41.5
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



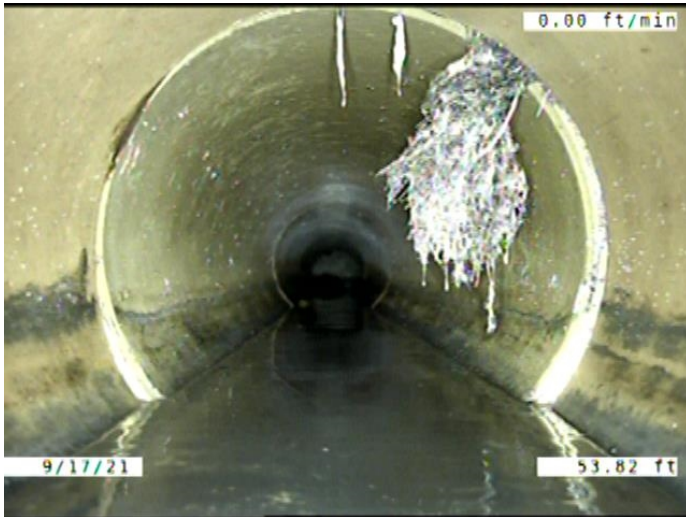
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **43.7**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **8**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **50.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



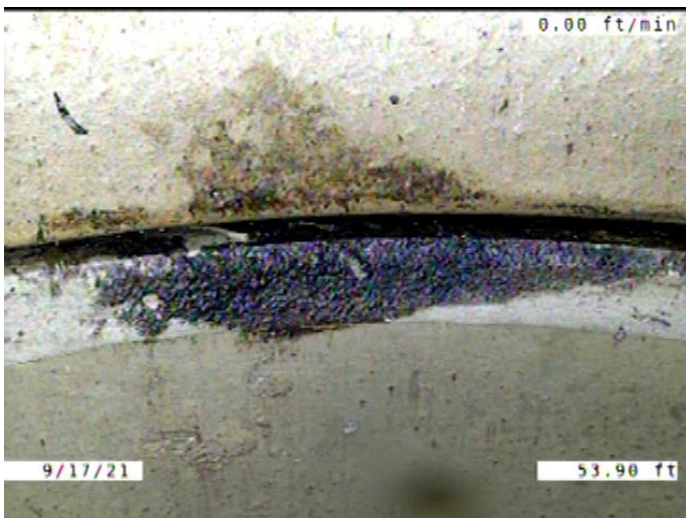
Code: **RBJ**
 Description: **Roots Ball Joint**

Distance (ft): **48.6**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **85.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



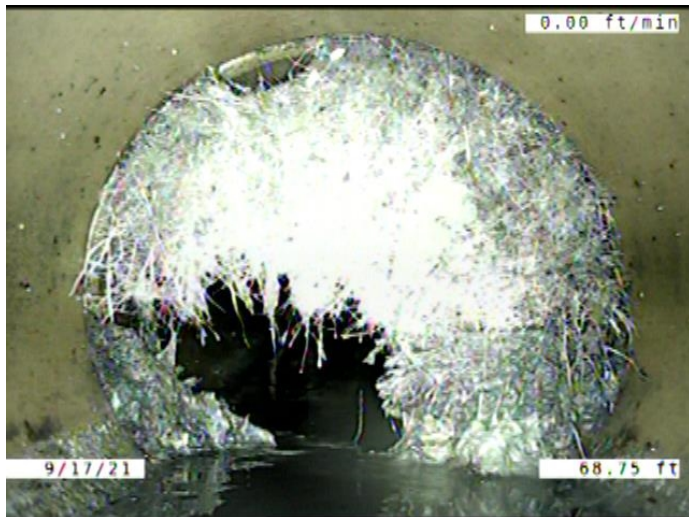
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **53.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



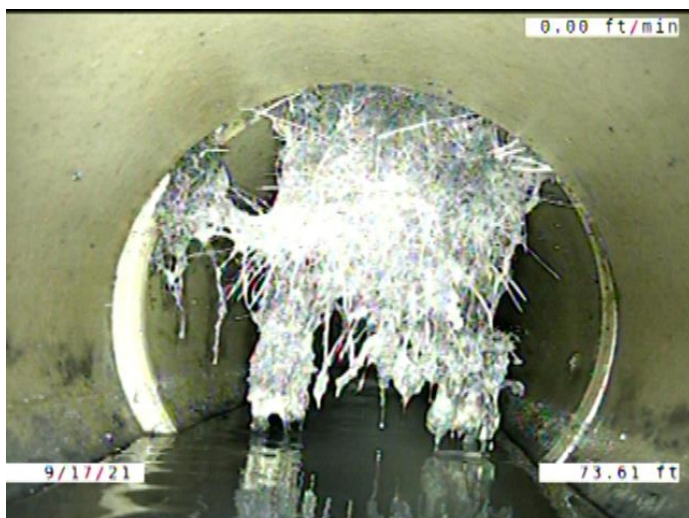
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **53.9**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



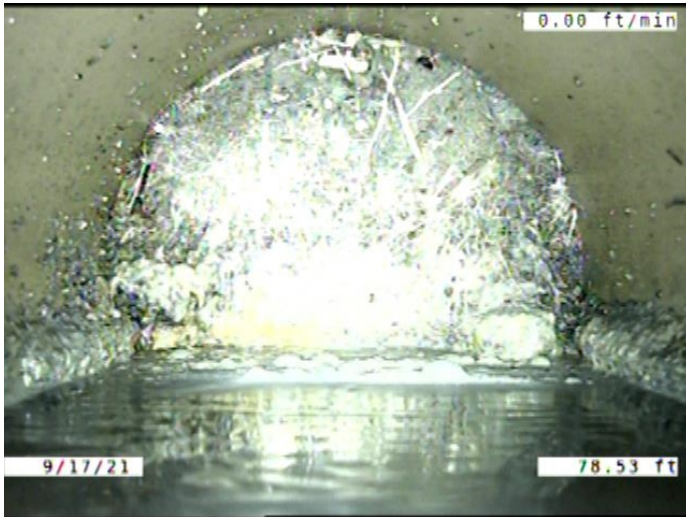
Code: **RBJ**
 Description: **Roots Ball Joint**

Distance (ft): **68.7**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **75.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



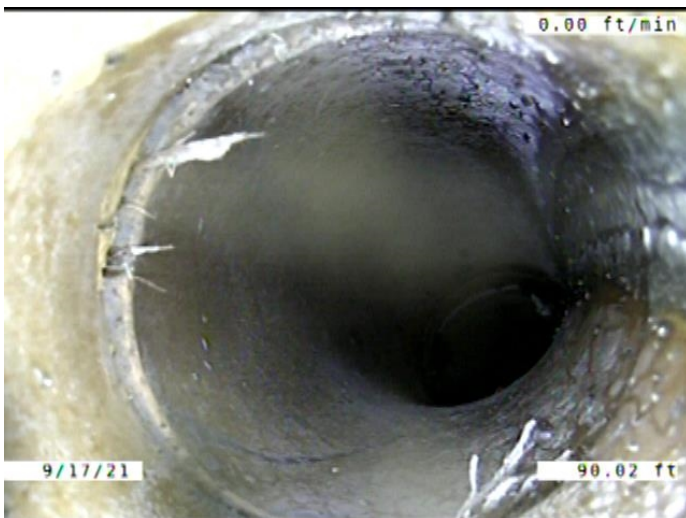
Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **73.6**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **35.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



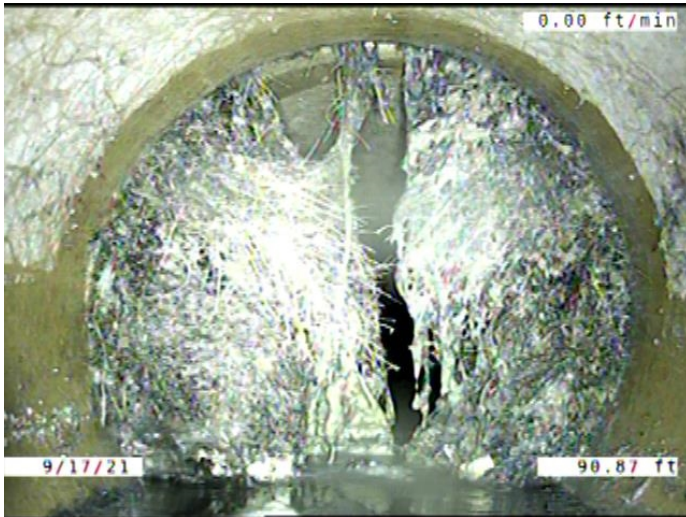
Code: **RBJ**
Description: **Roots Ball Joint**

Distance (ft): **78.5**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **80.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



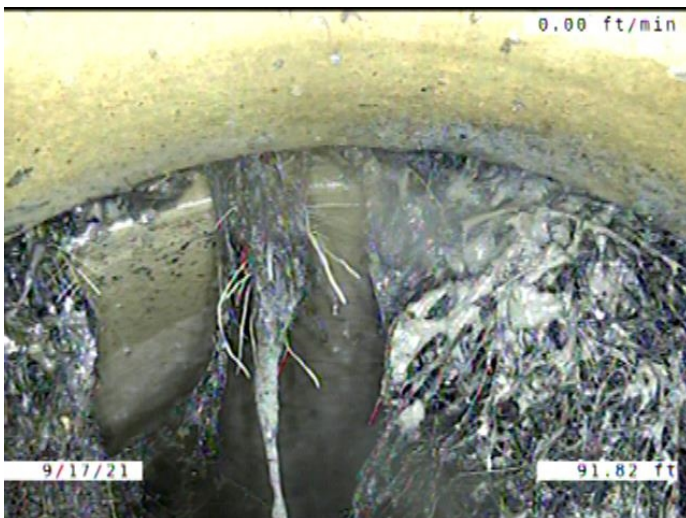
Code: **TF**
Description: **Tap Factory**

Distance (ft): **90.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **5.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ROOTS GROWING OUT OF THE JOINTS**



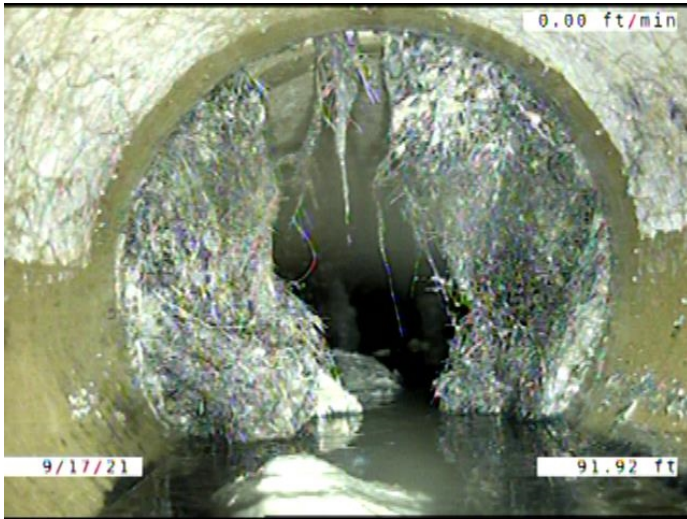
Code: **RBJ**
 Description: **Roots Ball Joint**

Distance (ft): **90.9**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **90.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



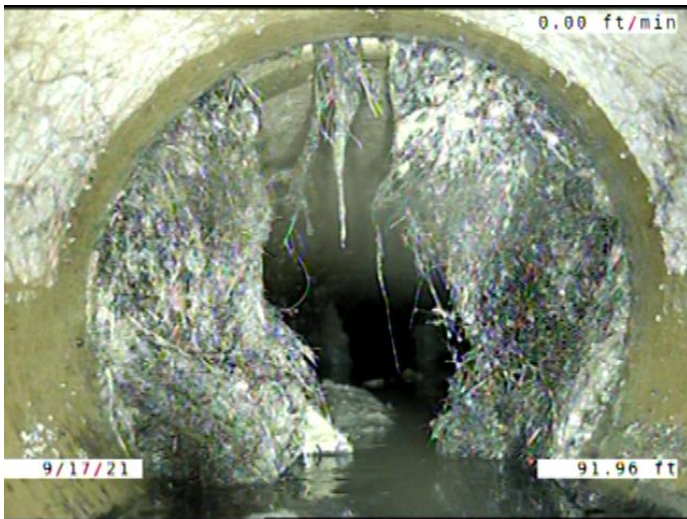
Code: **IRJ**
 Description: **Infiltration Runner Joint**

Distance (ft): **91.8**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **11**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **91.9**
 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: **MSA**
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **92.0**
 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: **CAMERA CANT MAKE IT PAST ROOTS**