

Profile/Photo Observation Report

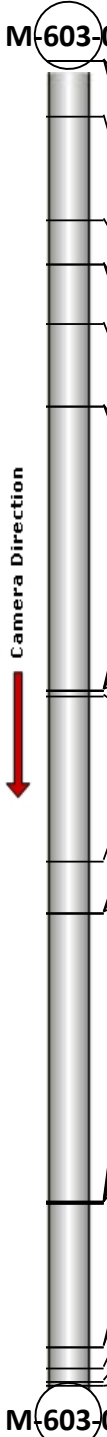


Date:	02/20/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	190.5	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	M-603-026-M-603-025
Customer:	City of Hobart	Clean Date:	02/07/2022	Shape:	C

Street:	W 39TH PL	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-603-026	DS MH:	M-603-025
		Total Length Surveyed (ft):	91.4

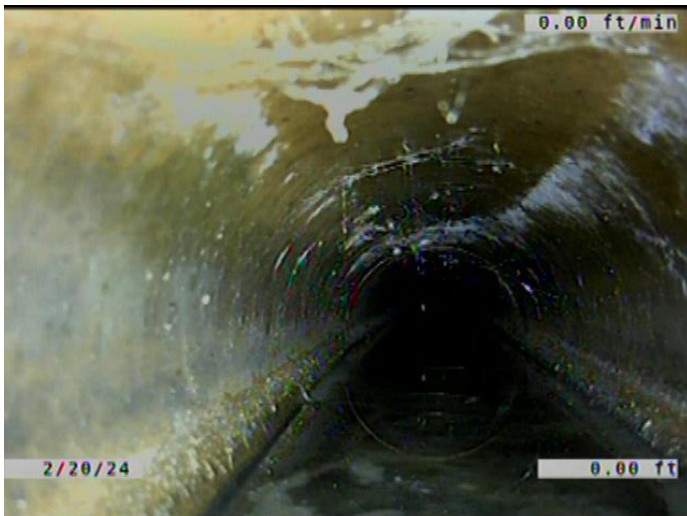
O&M Index:	1.71	O&M Quick:	4127	O&M Rating:	24.00
Structural Index:	2.41	Structural Quick:	5141	Structural Rating:	53.00
Overall Index:	2.14	Overall Quick:	5142	Overall Rating:	77.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	62	NA
	.0	MWLS(S01)	Miscellaneous Water Level Sag	70	S 2
	3.9	RFJ	Roots Fine Joint	158	M 1
	11.0	MWLS(F01)	Miscellaneous Water Level Sag	222	S 2
	14.0	JAM	Joint Angular Medium	279	S 3
	14.0	RFJ	Roots Fine Joint	292	M 1
	18.1	MWLS(S02)	Miscellaneous Water Level Sag	326	S 2
	23.8	DAE	Deposits Attached Encrustation	388	M 2
	23.8	RFJ	Roots Fine Joint	397	M 1
	43.5	B	Broken	570	S 4
	43.5	SMW	Surface Damage Missing Wall	589	S 5
	43.5	DAE	Deposits Attached Encrustation	612	M 2
	43.5	RFB	Roots Fine Barrel	633	M 2
	43.8	RFJ	Roots Fine Joint	654	M 1
	55.3	MWLS(F02)	Miscellaneous Water Level Sag	743	S 2
	58.8	JAM	Joint Angular Medium	796	S 3
	58.8	DAE	Deposits Attached Encrustation	811	M 2
	58.8	MWLS(S03)	Miscellaneous Water Level Sag	825	S 2
	78.7	CS	Crack Spiral	936	S 2
	78.8	CM	Crack Multiple	975	S 3
	78.8	RFJ	Roots Fine Joint	1006	M 1
	78.8	CM	Crack Multiple	1028	S 3
	78.8	RFB	Roots Fine Barrel	1041	M 2
	78.8	DAE	Deposits Attached Encrustation	1052	M 2
	88.8	DAE	Deposits Attached Encrustation	1149	M 2
	88.8	RFJ	Roots Fine Joint	1161	M 1
	90.2	DSC	Deposits Settled Hard/Compacted	1222	M 4
	91.1	MWLS(F03)	Miscellaneous Water Level Sag	1262	S 2
	91.4	MSA	Miscellaneous Survey Abandoned	1270	NA



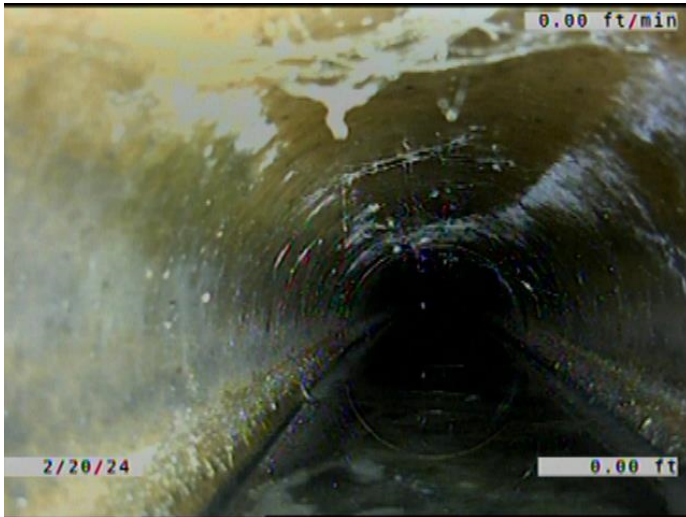
Code: **AMH**
Description: **Manhole**

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-603-025**



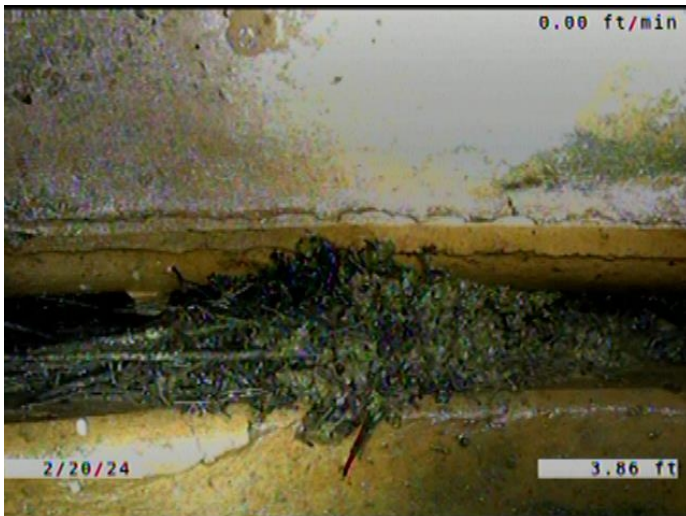
Code: **MWL**
Description: **Miscellaneous Water Level**

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

Distance (ft): **.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks: **`**



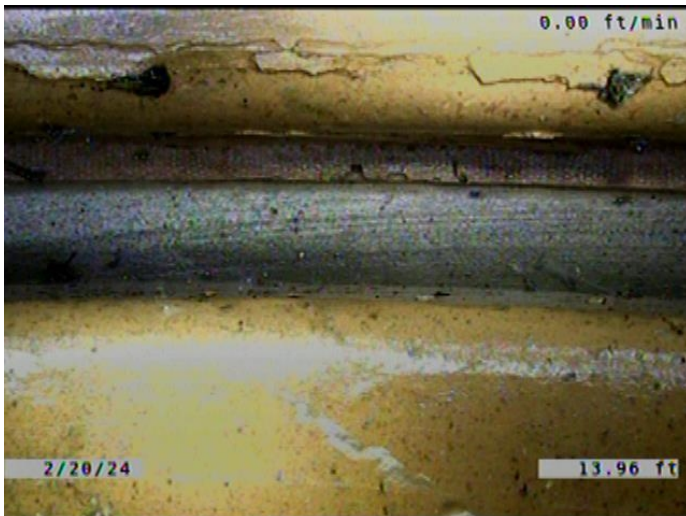
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **3.9**
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: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **11.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks: `



Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **14.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **14.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



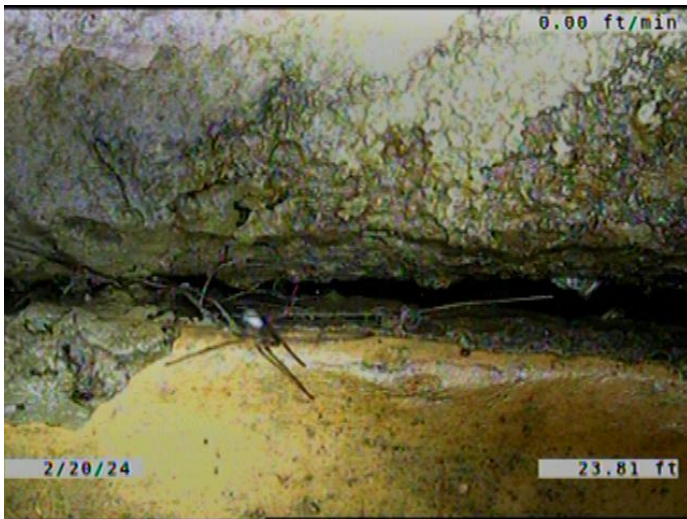
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **18.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **23.8**
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:



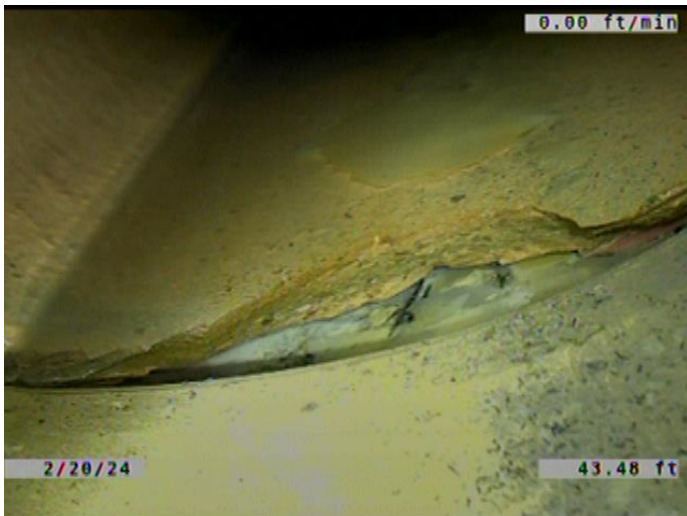
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **23.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



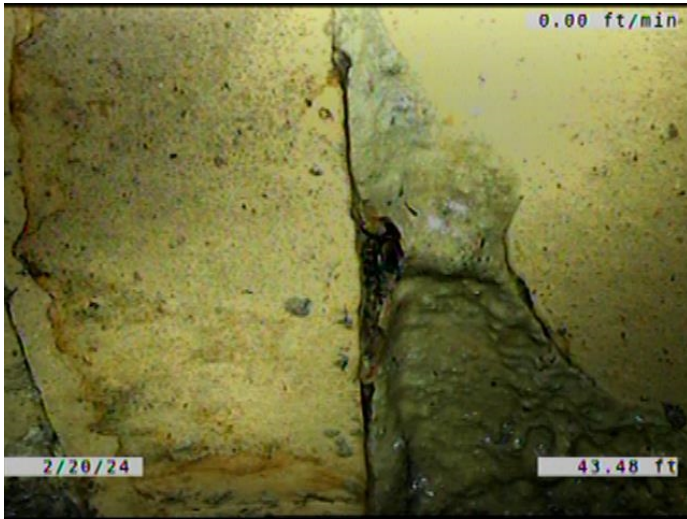
Code: **B**
Description: **Broken**

Distance (ft): **43.5**
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:



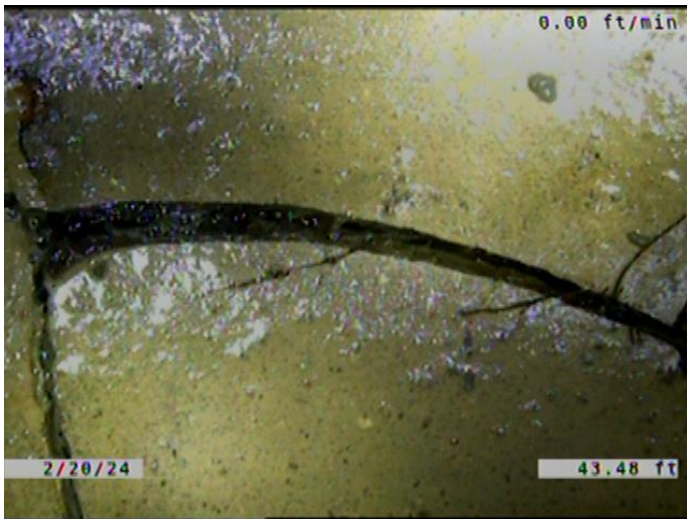
Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **43.5**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **6**
Clock To: **7**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **THE INSIDE OF THE JOINT.**



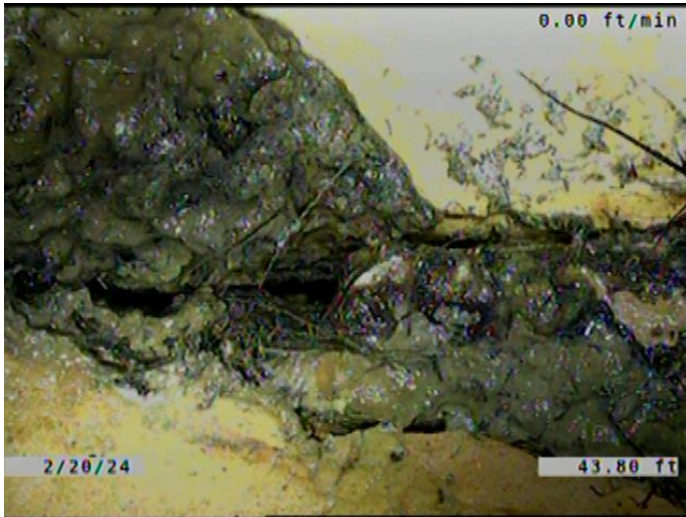
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **43.5**
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:



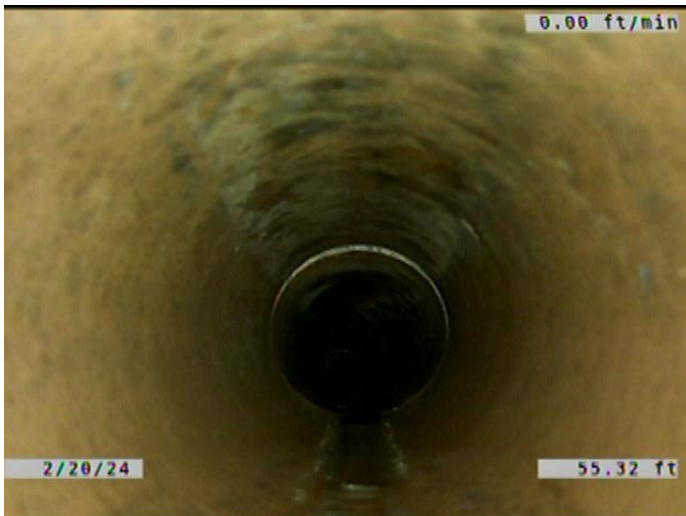
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **43.5**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



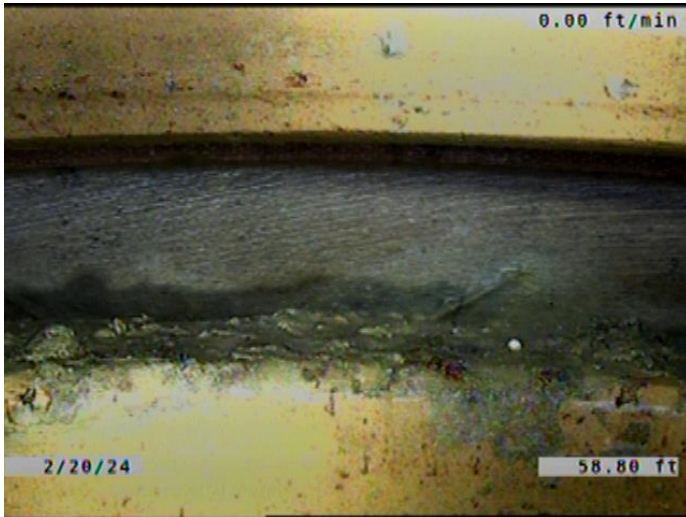
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **43.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



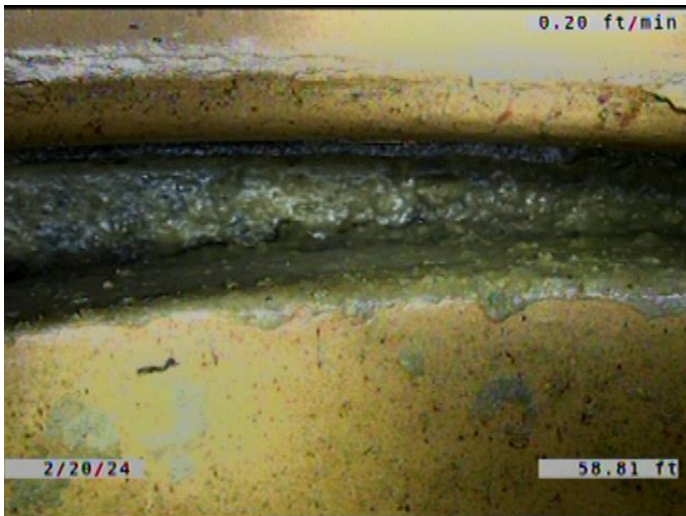
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **55.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **58.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



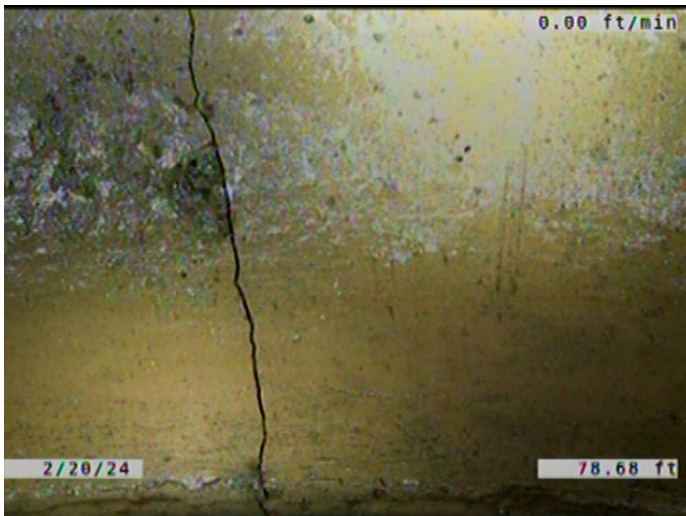
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **58.8**
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:



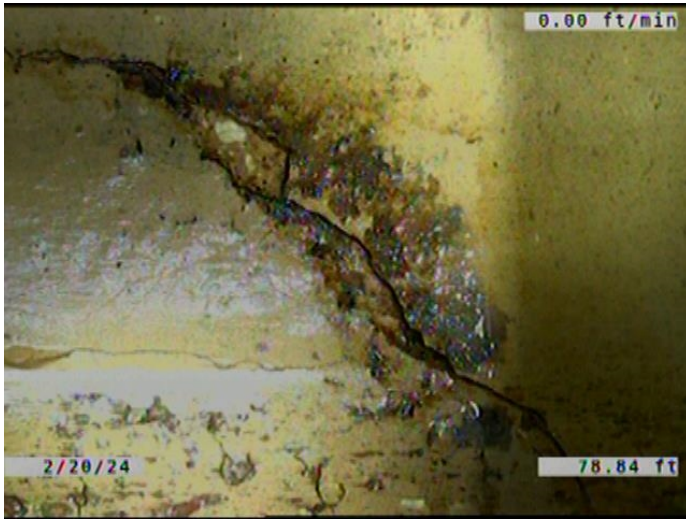
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **58.8**
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: **CS**
Description: **Crack Spiral**

Distance (ft): **78.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



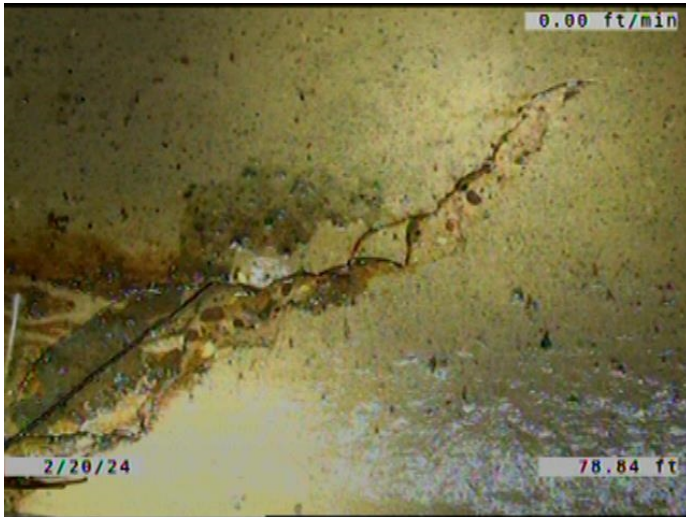
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **78.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **78.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



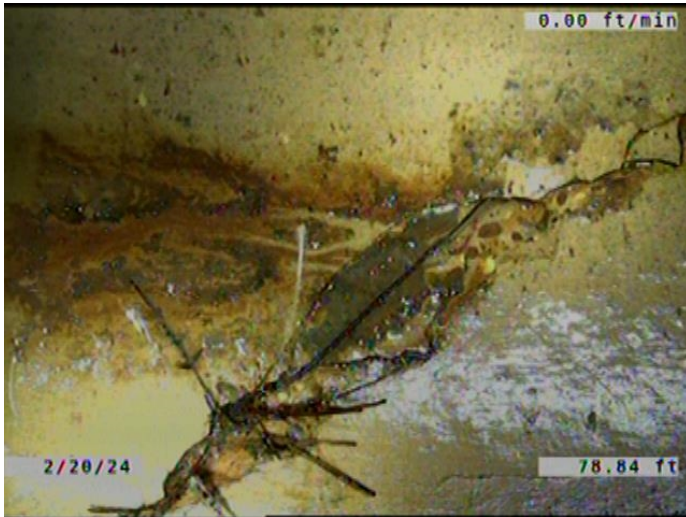
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **78.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



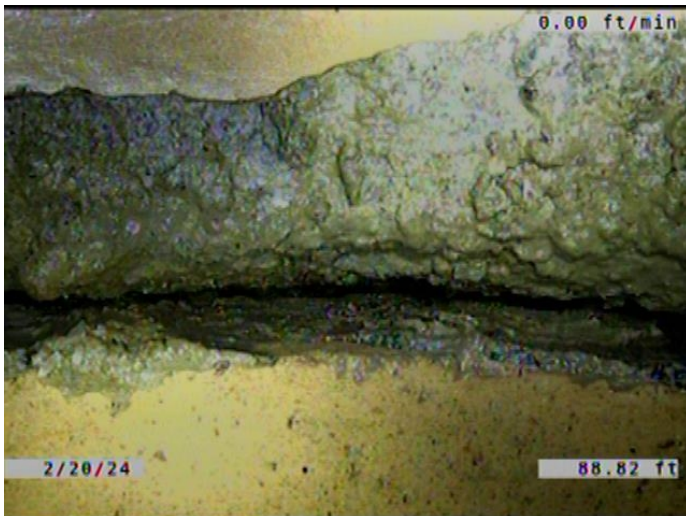
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **78.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



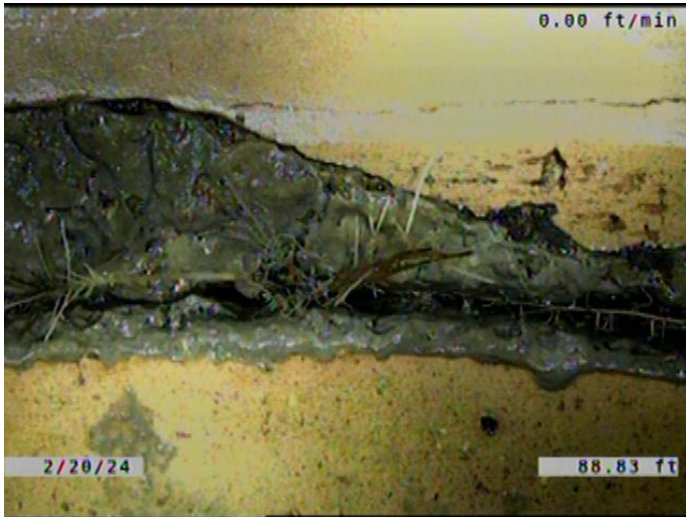
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **78.8**
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): **88.8**
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:



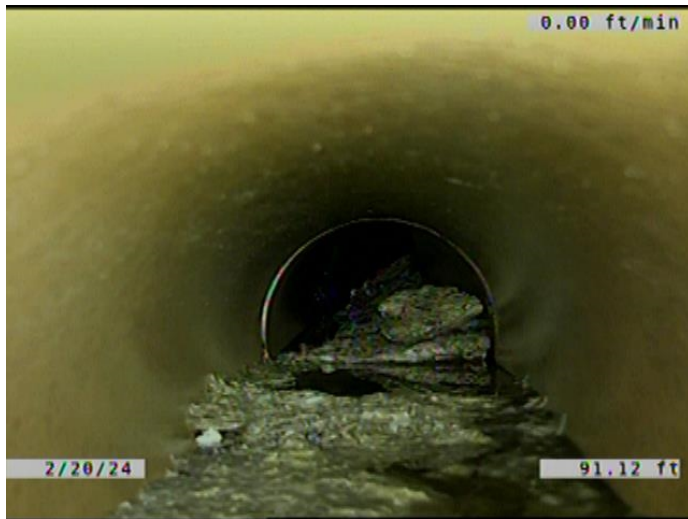
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **88.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **DSC**
Description: **Deposits Settled Hard/Compacted**

Distance (ft): **90.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **91.1**
 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: **MSA**
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **91.4**
 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: **CAMERA CANT MAKE IT PAST ENCRUSTATION.**