

Profile/Photo Observation Report



Date:	08/01/2023	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	210.9	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	M-902-011-M-902-015
Customer:	City of Hobart	Clean Date:	07/18/2023	Shape:	C

Street:	East 34th Court	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		

Comment:

Location Details:

Direction of Survey:


Upstream

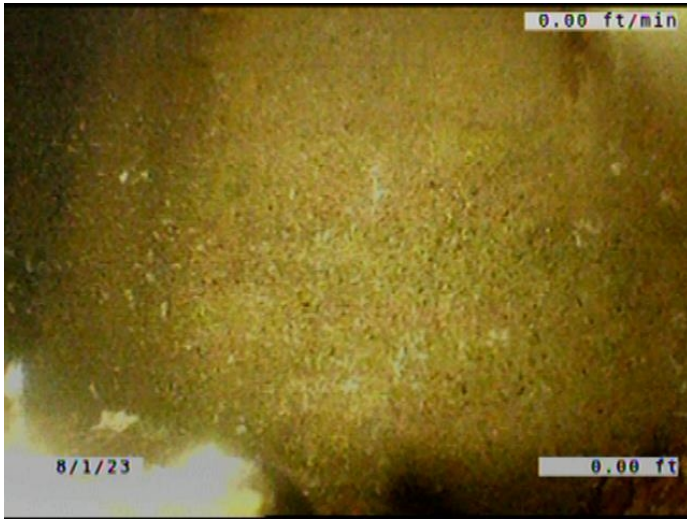
US MH: **M-902-011**

DS MH: **M-902-015**

Total Length Surveyed (ft): **210.9**

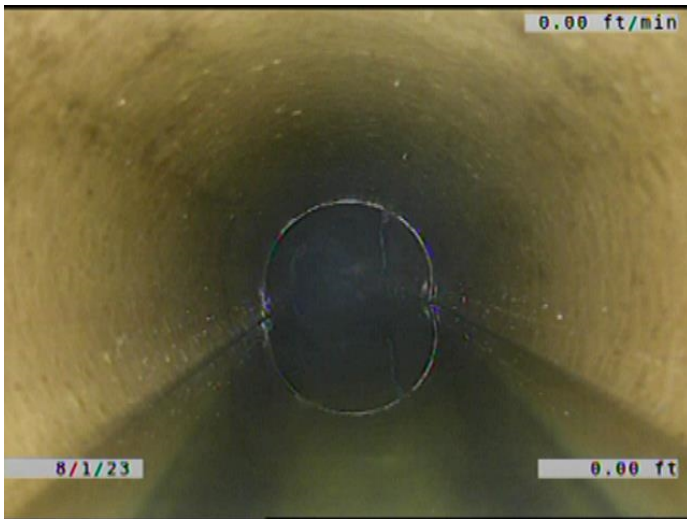
O&M Index:	1.54	O&M Quick:	312D	O&M Rating:	86.00
Structural Index:	2.14	Structural Quick:	332B	Structural Rating:	47.00
Overall Index:	1.71	Overall Quick:	342H	Overall Rating:	133.00

	Position	Code	Observation	Video (sec)	Grade
M-902-015					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	11	NA
	1.5	MGO	Miscellaneous General Observation	19	NA
	4.9	RFJ(S01)	Roots Fine Joint	88	M 1
	4.9	DAE(S02)	Deposits Attached Encrustation	99	M 2
	24.4	DAR	Deposits Attached Ragging	217	M 2
	33.4	MWLS(S03)	Miscellaneous Water Level Sag	272	S 3
	46.7	TF	Tap Factory	387	NA
	48.6	TFD	Tap Factory Defective	436	M 3
	49.6	MWLS(F03)	Miscellaneous Water Level Sag	466	S 3
	71.8	MWL	Miscellaneous Water Level	598	NA
	81.0	MWLS(S04)	Miscellaneous Water Level Sag	660	S 2
	116.7	MWLS(F04)	Miscellaneous Water Level Sag	864	S 2
	120.6	MWLS(S05)	Miscellaneous Water Level Sag	897	S 2
	130.8	TF	Tap Factory	1018	NA
	132.0	MWLS(F05)	Miscellaneous Water Level Sag	1039	S 2
	133.1	TF	Tap Factory	1068	NA
	134.0	MWLS(S06)	Miscellaneous Water Level Sag	1090	S 2
	142.1	MWLS(F06)	Miscellaneous Water Level Sag	1137	S 2
	142.1	RFJ(F01)	Roots Fine Joint	1145	M 1
	142.1	DAE(F02)	Deposits Attached Encrustation	1153	M 2
	160.3	MWLS(S07)	Miscellaneous Water Level Sag	1229	S 2
	169.2	MWLS(F07)	Miscellaneous Water Level Sag	1270	S 2
	173.4	MWLS(S08)	Miscellaneous Water Level Sag	1304	S 2
	181.5	MWLS(F08)	Miscellaneous Water Level Sag	1376	S 2
	183.8	MWLS(S09)	Miscellaneous Water Level Sag	1404	S 2
	197.5	MWLS(F09)	Miscellaneous Water Level Sag	1504	S 2
	204.0	MWLS(S10)	Miscellaneous Water Level Sag	1574	S 2
	209.7	MWLS(F10)	Miscellaneous Water Level Sag	1664	S 2
	210.9	AMH	Manhole	1750	NA
M-902-011					



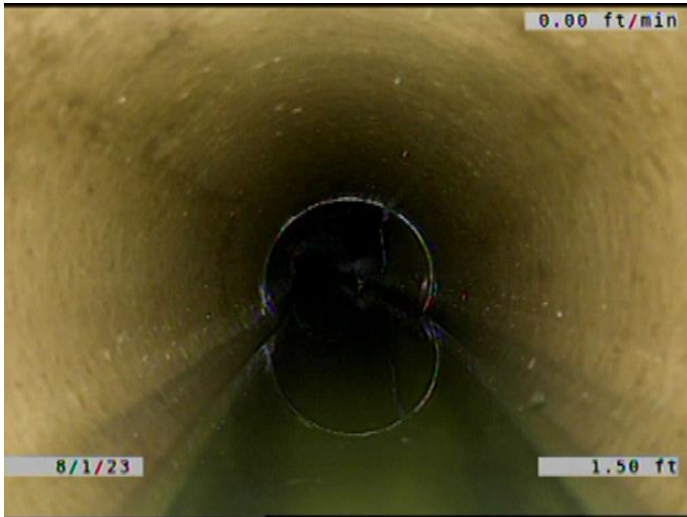
Code: **AMH**
Description: **Manhole**

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-902-015**

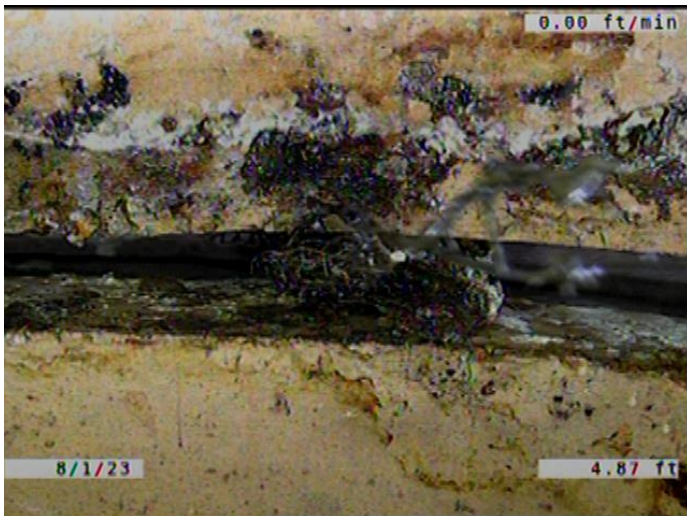


Code: **MWL**
Description: **Miscellaneous Water Level**

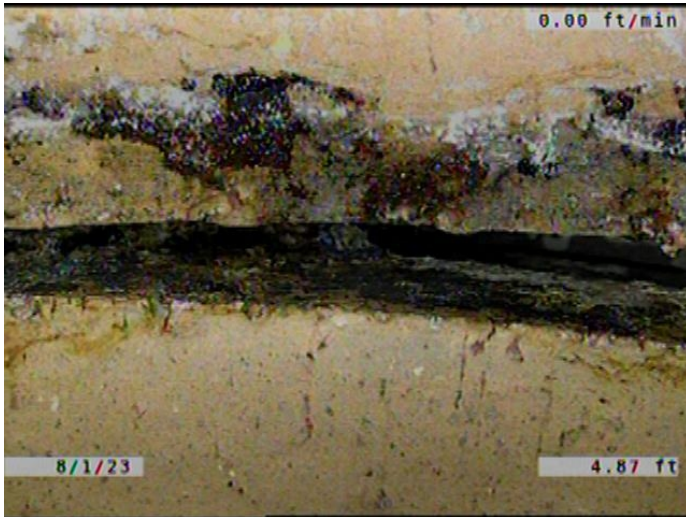
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	MGO
Description:	Miscellaneous General Observation
Distance (ft):	1.5
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:	DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.

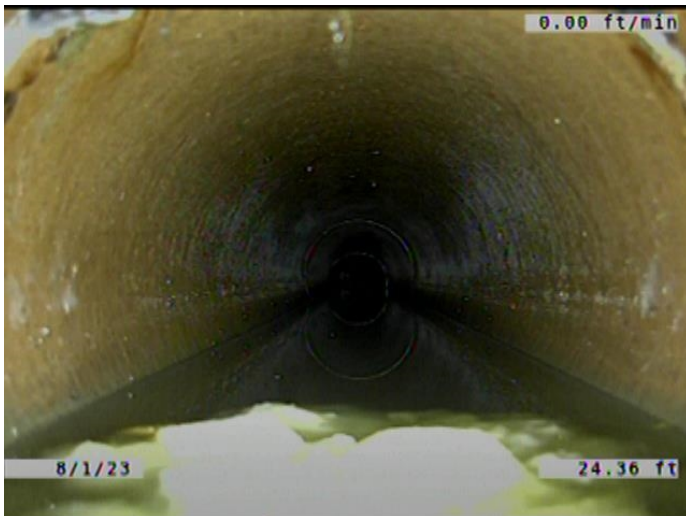


Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	4.9
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	



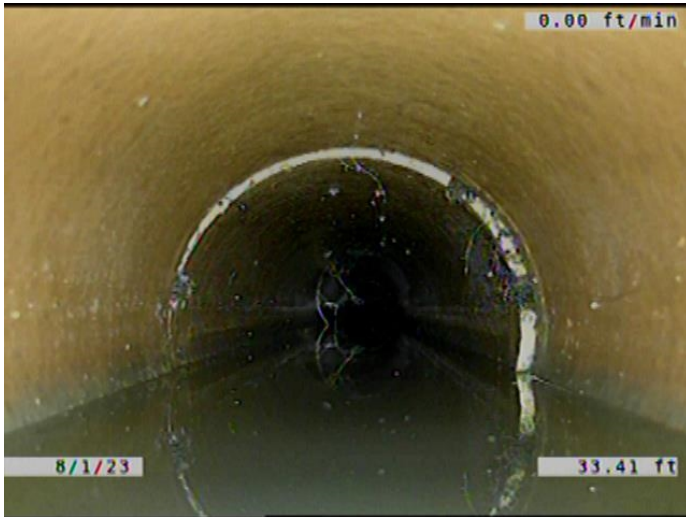
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **4.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



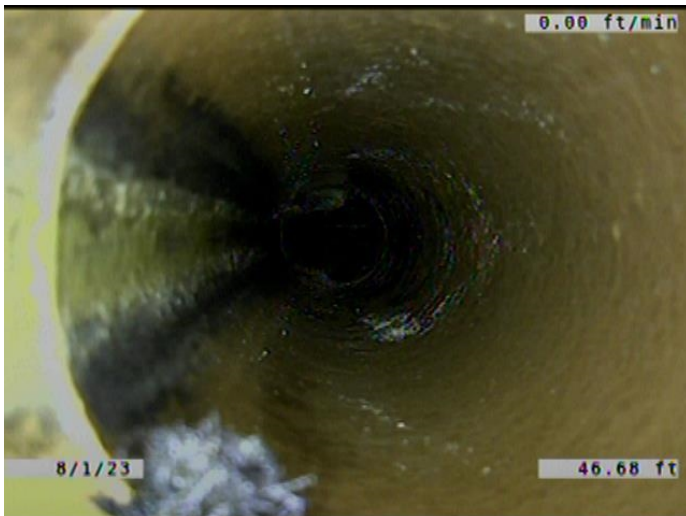
Code: **DAR**
Description: **Deposits Attached Ragging**

Distance (ft): **24.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



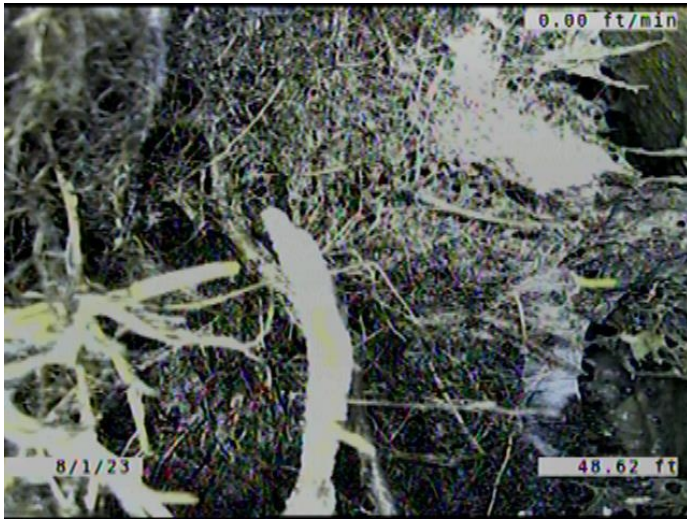
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **33.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **35.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **46.7**
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: **ROOTS GROWING IN THE JOINTS OF THE SERVICE JOINTS AND THE SERVI**



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

Distance (ft): **48.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **3**
Clock To:
1st Value: **8.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **LOOKS TO BE 100% PLUGGED.
ROOTS GROWING OUT OF THE SERV**



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

Distance (ft): **49.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **35.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **71.8**
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): **81.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



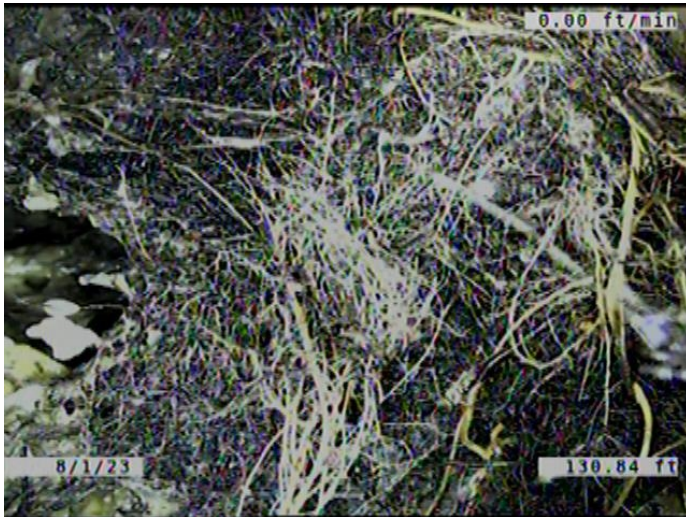
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **116.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



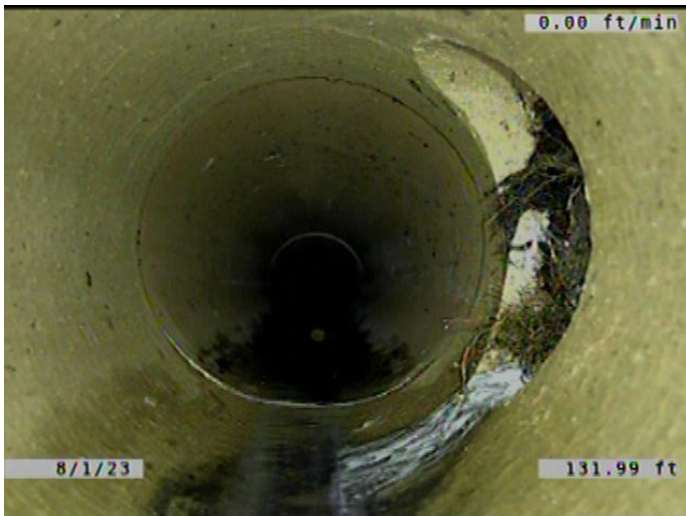
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **120.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



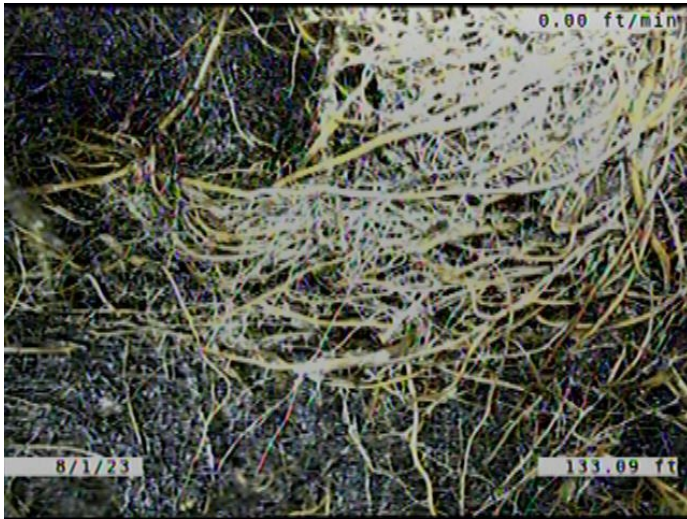
Code: **TF**
Description: **Tap Factory**

Distance (ft): **130.8**
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: **95% PLUGGED WITH ROOTS.**



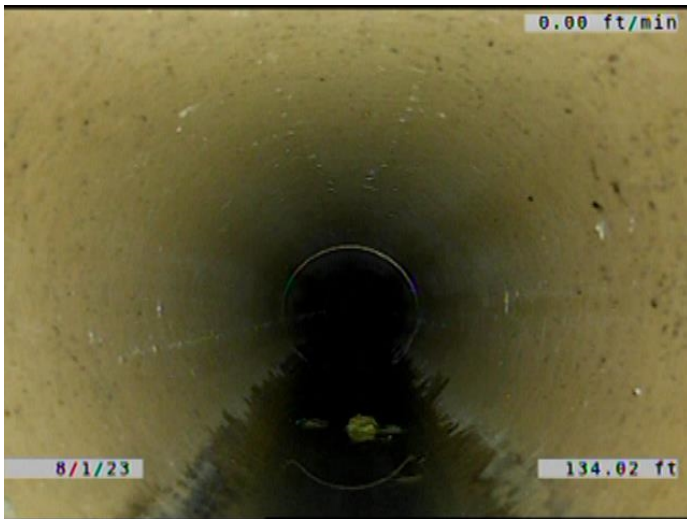
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **132.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



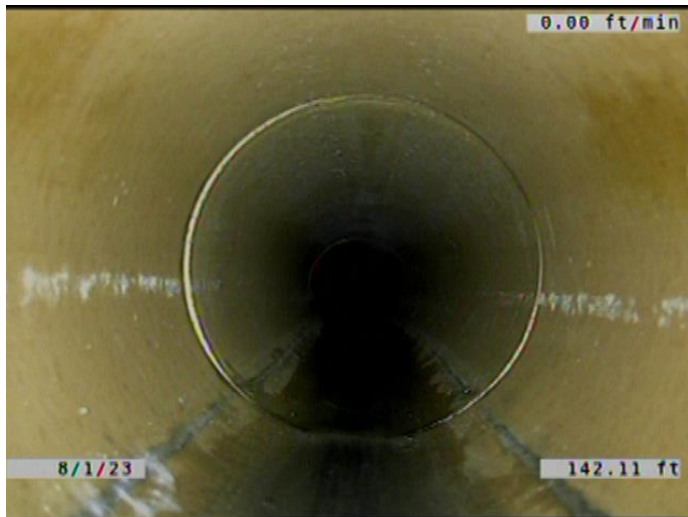
Code: **TF**
Description: **Tap Factory**

Distance (ft): **133.1**
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: **100% PLUGGED WITH ROOTS.**



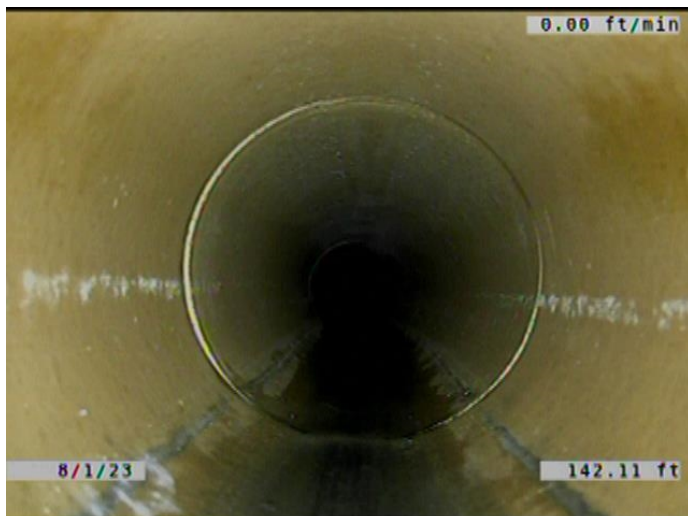
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **134.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



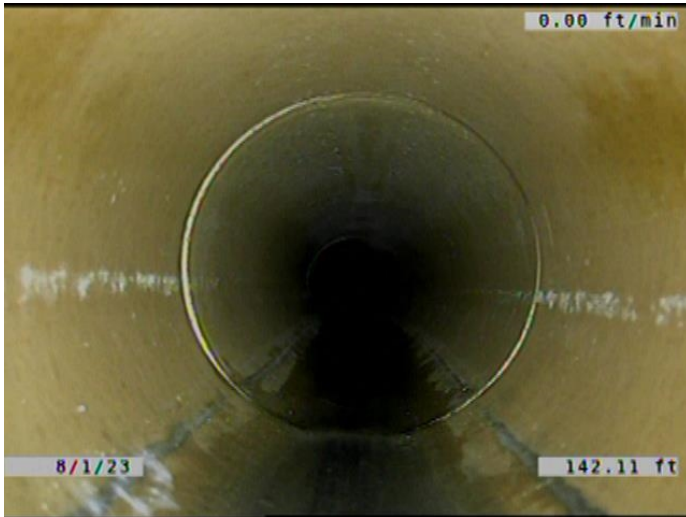
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **142.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



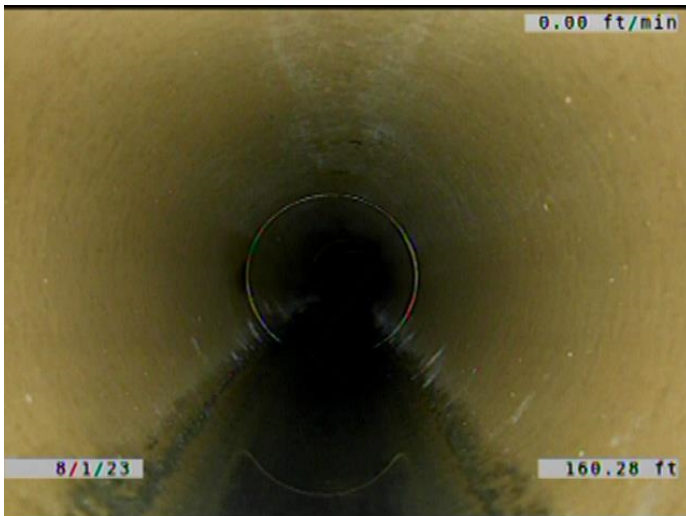
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **142.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



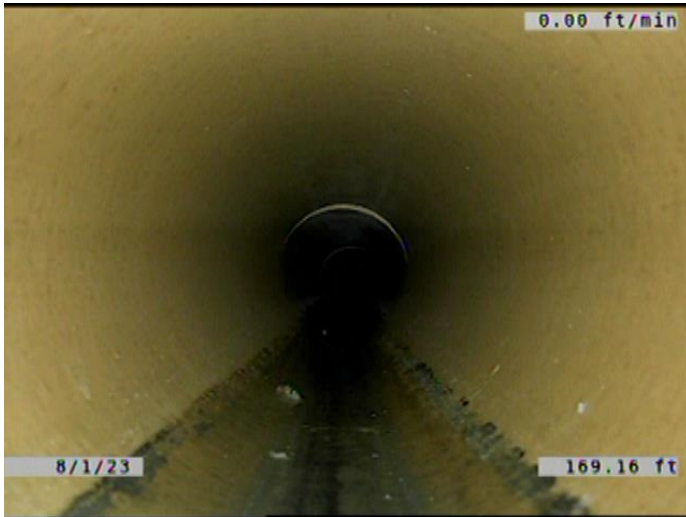
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **142.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **160.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S07**
Within 8" of Joint: **NO**
Remarks:



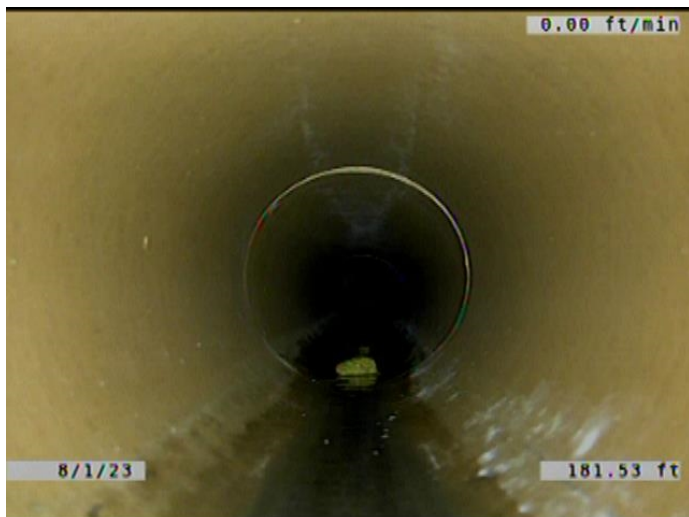
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **169.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F07**
Within 8" of Joint: **NO**
Remarks:



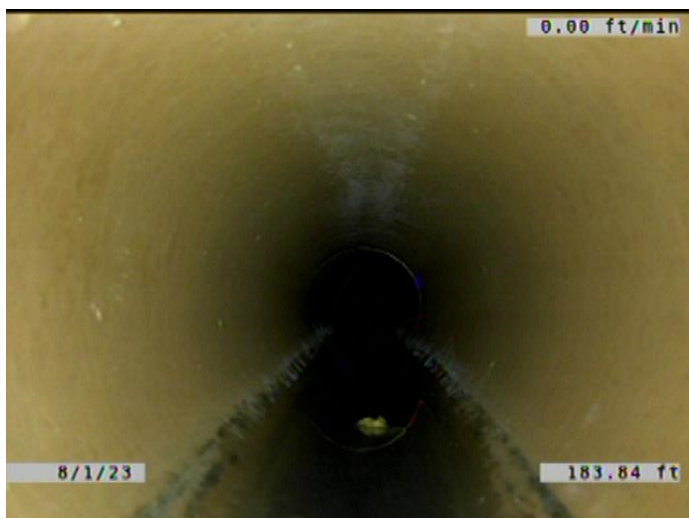
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **173.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:



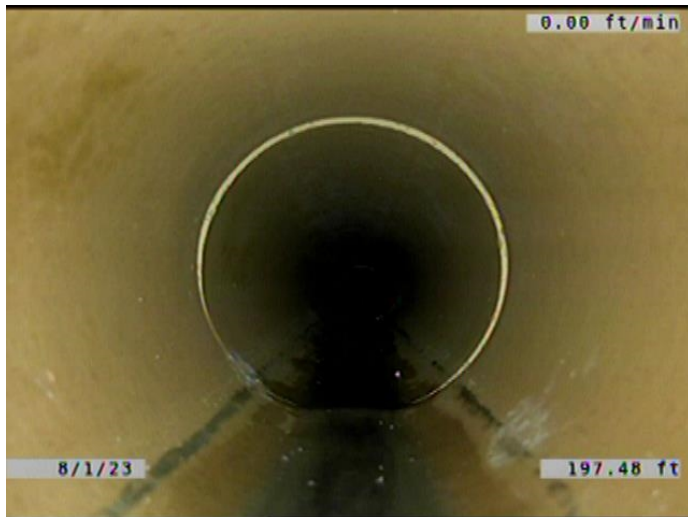
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **181.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F08**
Within 8" of Joint: **NO**
Remarks:



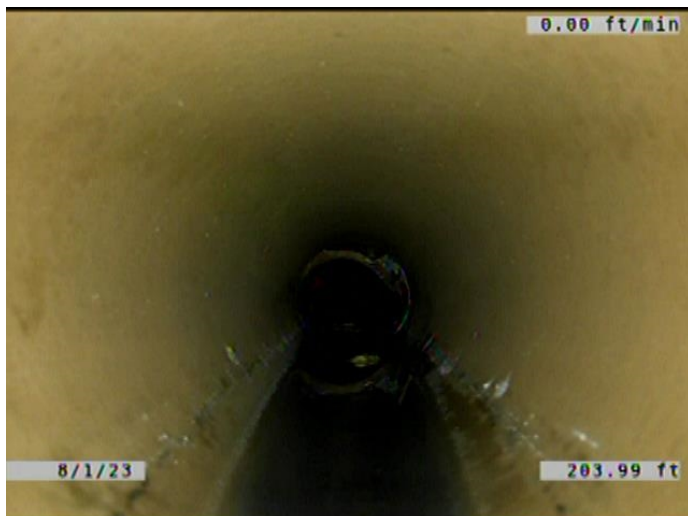
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **183.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S09**
Within 8" of Joint: **NO**
Remarks:



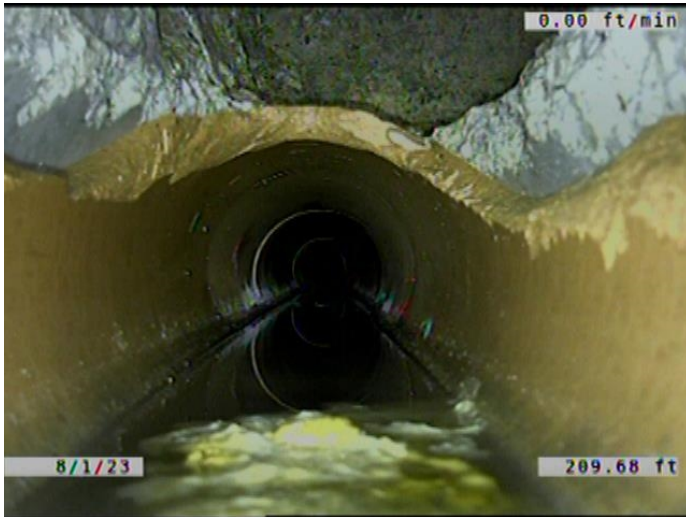
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **197.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F09**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **204.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S10**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **209.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F10**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **210.9**
 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: **M-902-011**