

Profile/Photo Observation Report

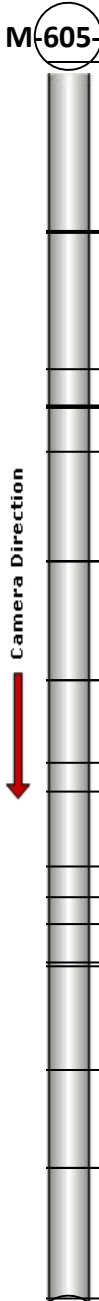


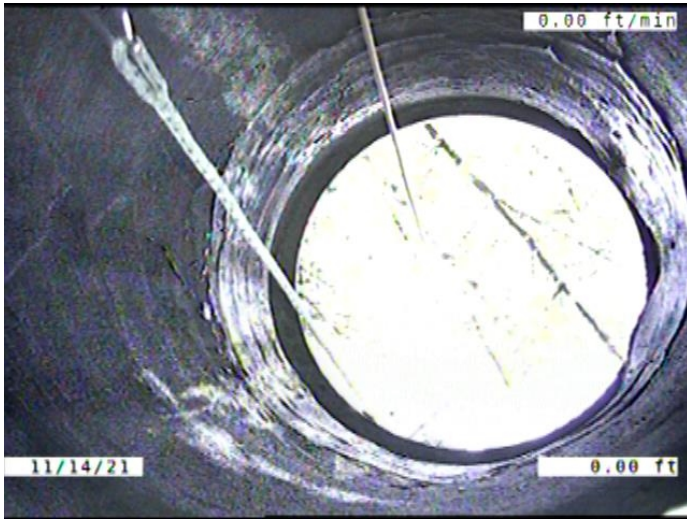
Date:	11/14/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	331.8	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-604-001-061
Customer:	City of Hobart	Clean Date:	11/14/2021	Shape:	C

Street:	South Lake Park Avenue	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	Cured-In-Place Pipe
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-605-061	DS MH:	M-604-001
		Total Length Surveyed (ft):	331.8

O&M Index:	2.27	O&M Quick:	4133	O&M Rating:	25.00
Structural Index:	2.33	Structural Quick:	5141	Structural Rating:	35.00
Overall Index:	2.31	Overall Quick:	5142	Overall Rating:	60.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	62	NA
	45.3	DAE	Deposits Attached Encrustation	328	M 2
	45.6	TBI	Tap Break-in Intruding	353	M 2
	82.5	MWLS(S01)	Miscellaneous Water Level Sag	493	S 2
	92.0	RML	Roots Medium Lateral	570	M 3
	92.1	TBD	Tap Break-in/Hammer Defective	620	M 3
	92.6	H	Hole	666	S 5
	92.6	ISB	Infiltration Stain Barrel	703	M 1
	92.6	RFB	Roots Fine Barrel	722	M 2
	104.7	MWLS(F01)	Miscellaneous Water Level Sag	829	S 2
	133.8	DAE	Deposits Attached Encrustation	1002	M 2
	133.8	RFC	Roots Fine Connection	1016	M 1
	134.0	IWC	Infiltration Weeper Connection	1030	M 2
	134.2	TB	Tap Break-in/Hammer	1047	NA
	165.8	RBC	Roots Ball Connection	1202	M 4
	166.0	TBD	Tap Break-in/Hammer Defective	1258	M 3
	188.3	MWLS	Miscellaneous Water Level Sag	1442	S 2
	195.8	TB	Tap Break-in/Hammer	1531	NA
	215.8	MWLS	Miscellaneous Water Level Sag	1654	S 2
	223.9	MWLS(S02)	Miscellaneous Water Level Sag	1703	S 2
	231.1	MWLS(F02)	Miscellaneous Water Level Sag	1744	S 2
	241.6	MWLS(S03)	Miscellaneous Water Level Sag	1819	S 2
	242.8	TBC	Tap Break-in Capped	1884	NA
	270.6	MWLS(F03)	Miscellaneous Water Level Sag	2068	S 2
	296.8	B	Broken	2236	S 4
	296.8	TB	Tap Break-in/Hammer	2253	NA
	331.8	AMH	Manhole	2566	NA



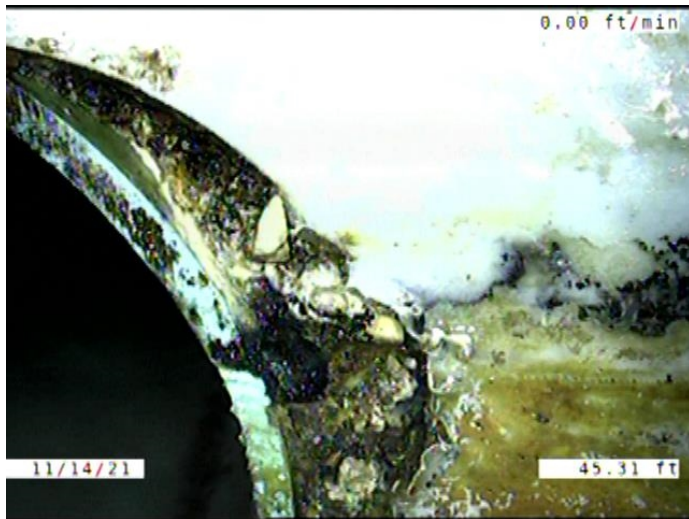
Code: **AMH**
 Description: **Manhole**

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-605-061**

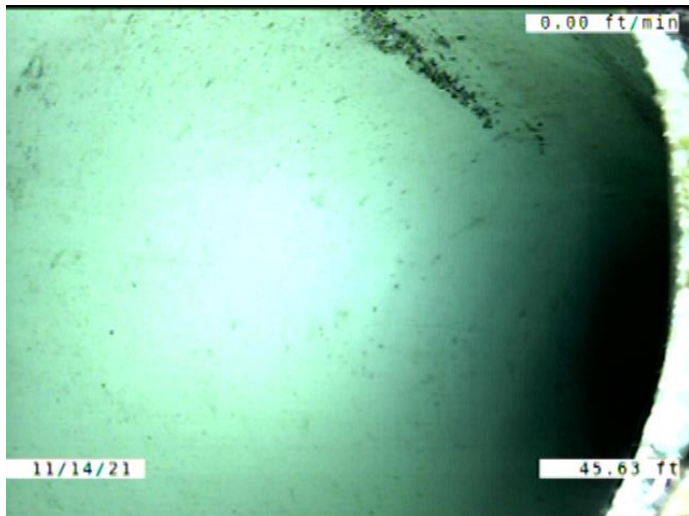


Code: **MWL**
 Description: **Miscellaneous Water Level**

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:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	45.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

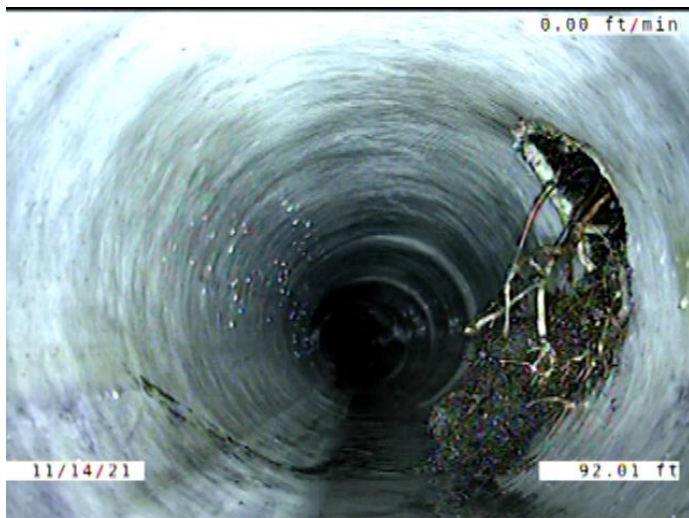


Code:	TBI
Description:	Tap Break-in Intruding
Distance (ft):	45.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	1.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



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

Distance (ft): **82.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:

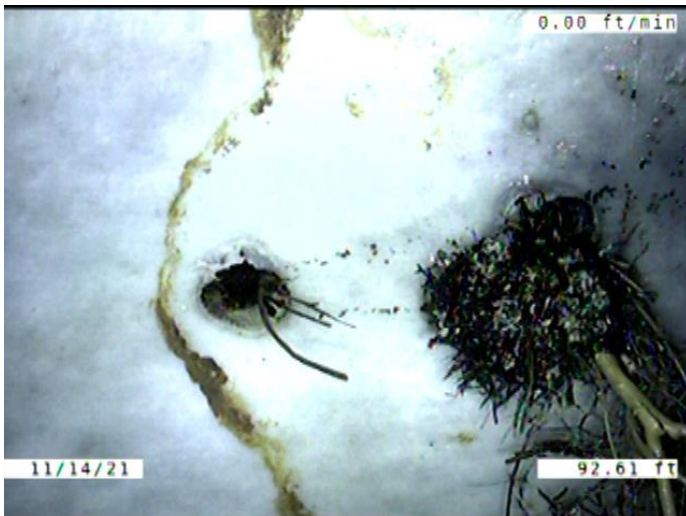


Code: **RML**
Description: **Roots Medium Lateral**

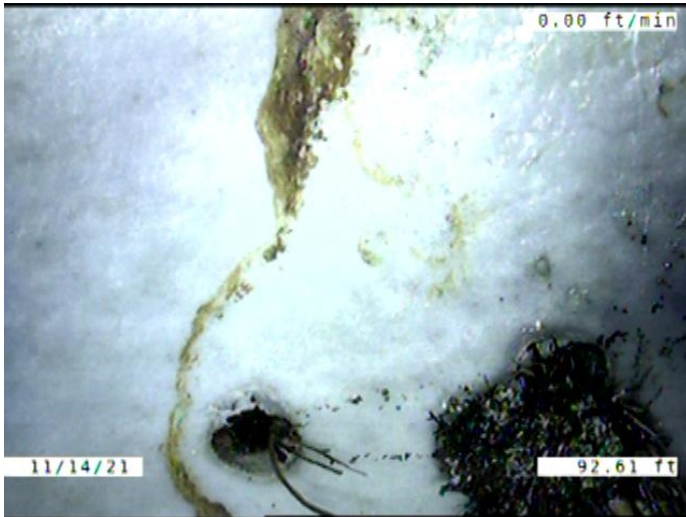
Distance (ft): **92.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	TBD
Description:	Tap Break-in/Hammer Defective
Distance (ft):	92.1
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	2
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:	H
Description:	Hole
Distance (ft):	92.6
Structural Grade:	5
O&M Grade:	0
Clock Start/From:	2
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



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

Distance (ft): **92.6**
 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: **NO**
 Remarks:



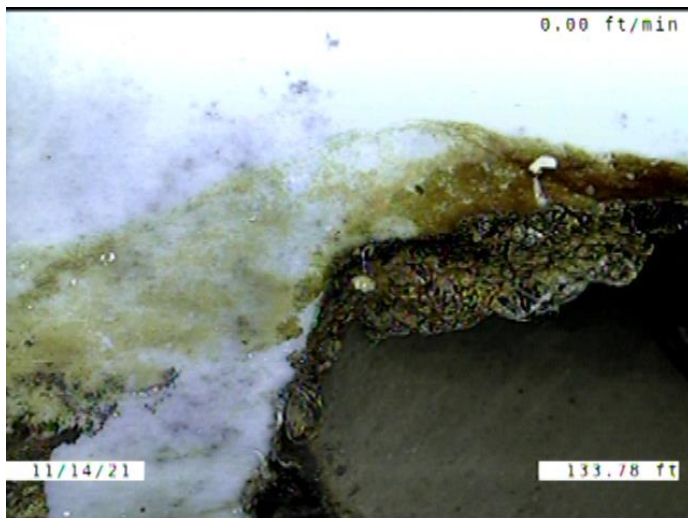
Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **92.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



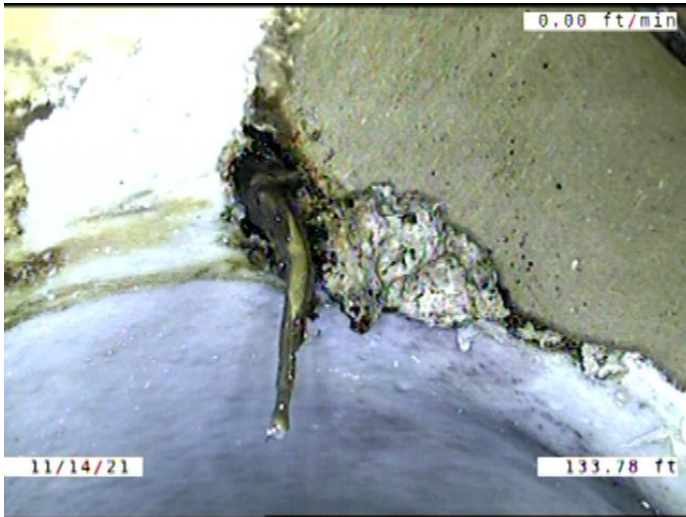
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **104.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F01**
 Within 8" of Joint: **NO**
 Remarks:



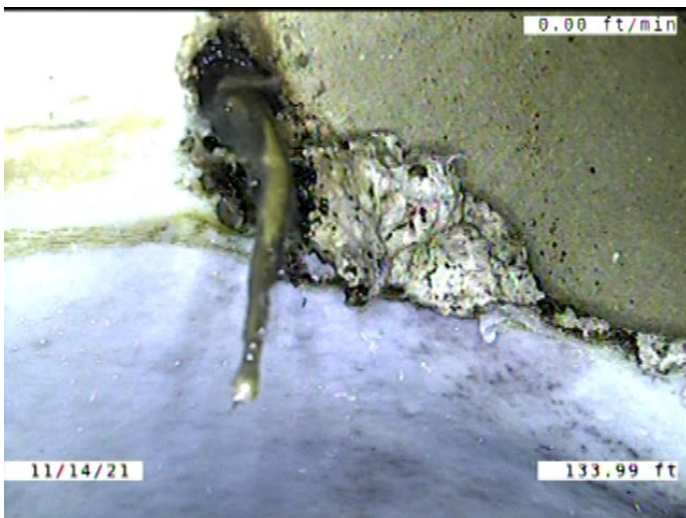
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **133.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



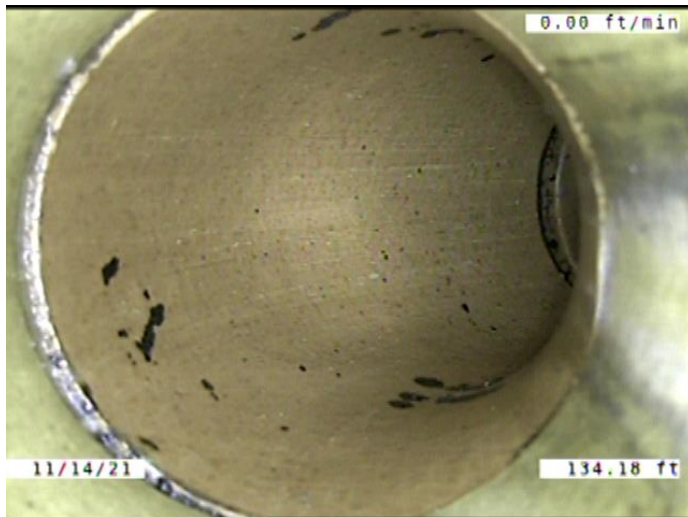
Code: **RFC**
 Description: **Roots Fine Connection**

Distance (ft): **133.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **IWC**
 Description: **Infiltration Weeper Connection**

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



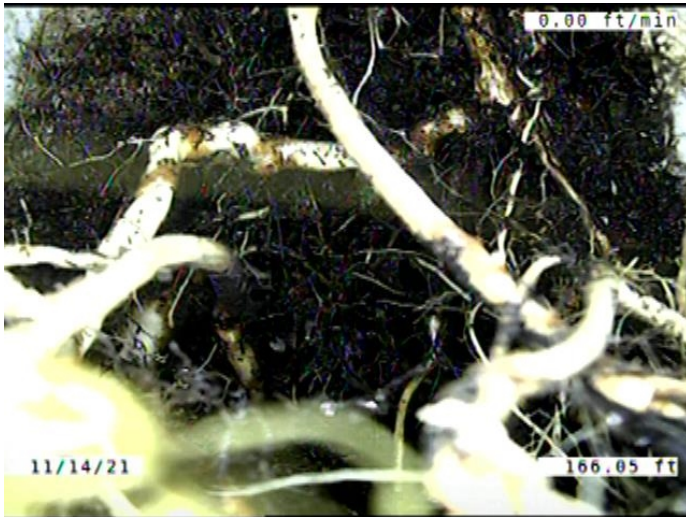
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **134.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER**

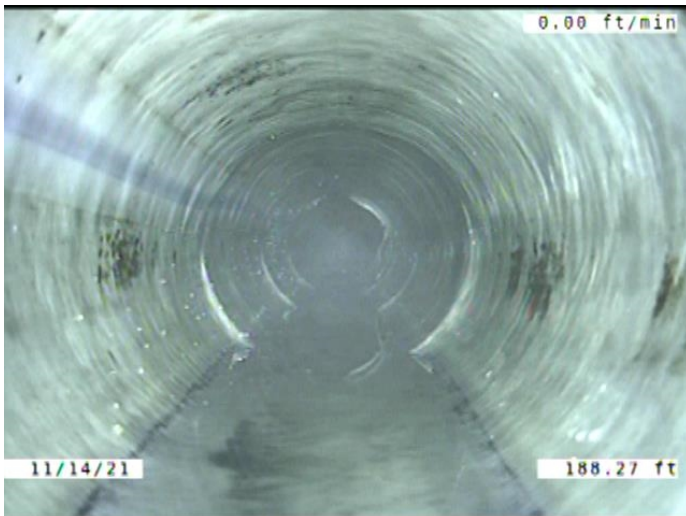


Code: **RBC**
 Description: **Roots Ball Connection**

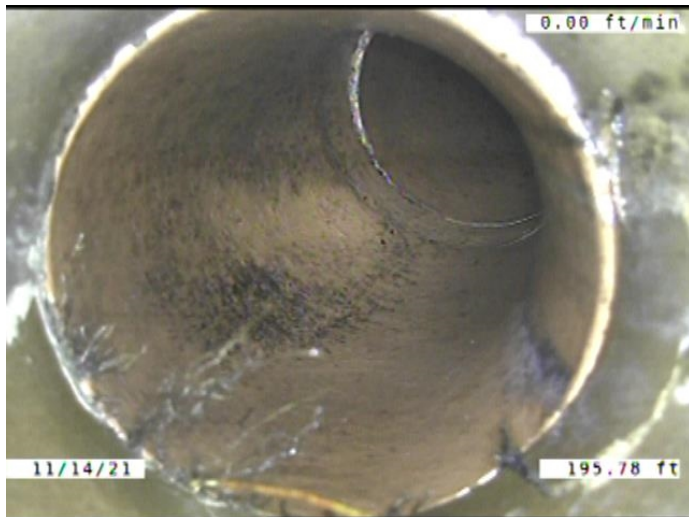
Distance (ft): **165.8**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **1**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **75.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code:	TBD
Description:	Tap Break-in/Hammer Defective
Distance (ft):	166.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	2
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

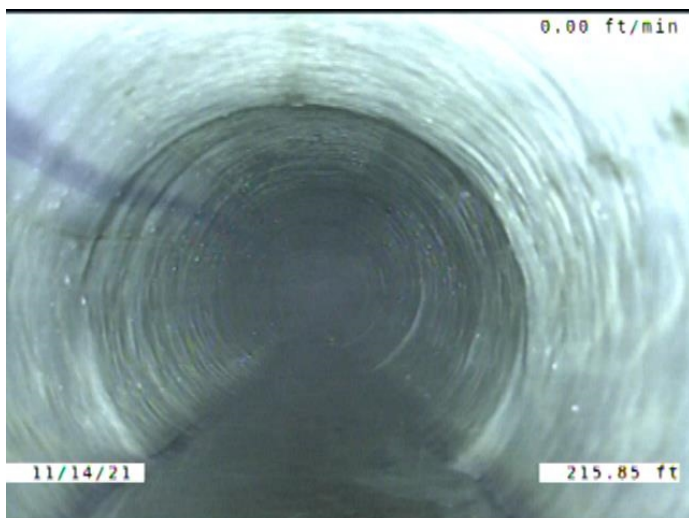


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	188.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



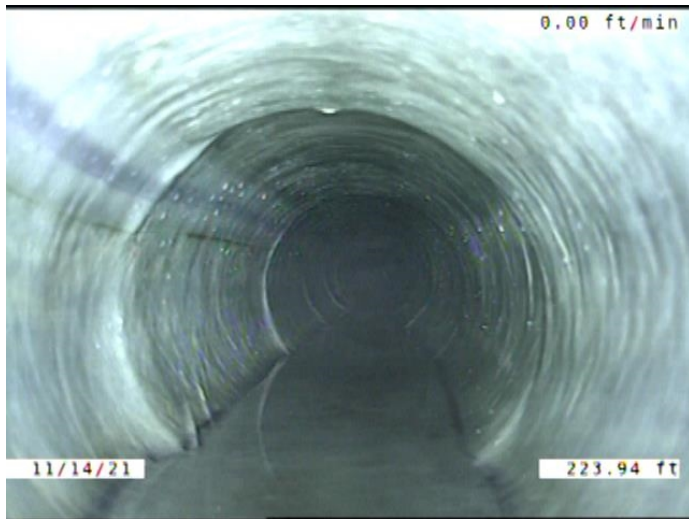
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **195.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ROOTS GROWING OUT OF THE JOINT**



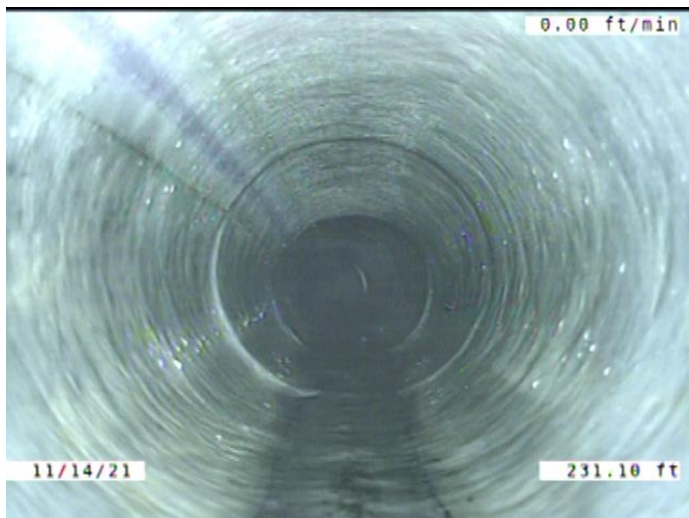
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **215.8**
 Structural Grade: **2**
 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:



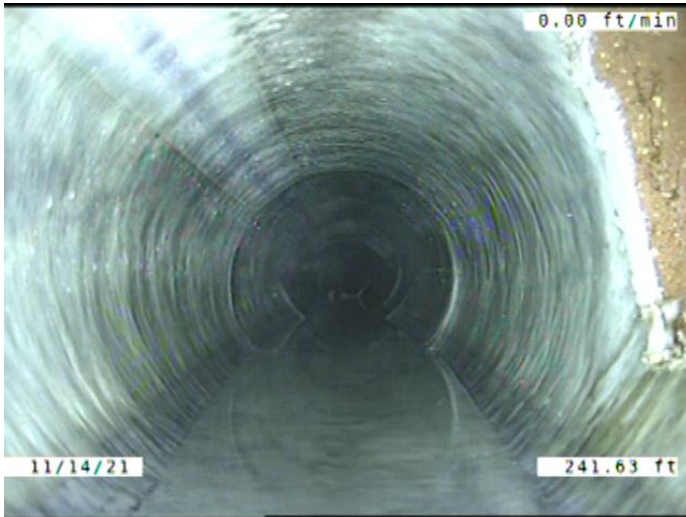
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **223.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



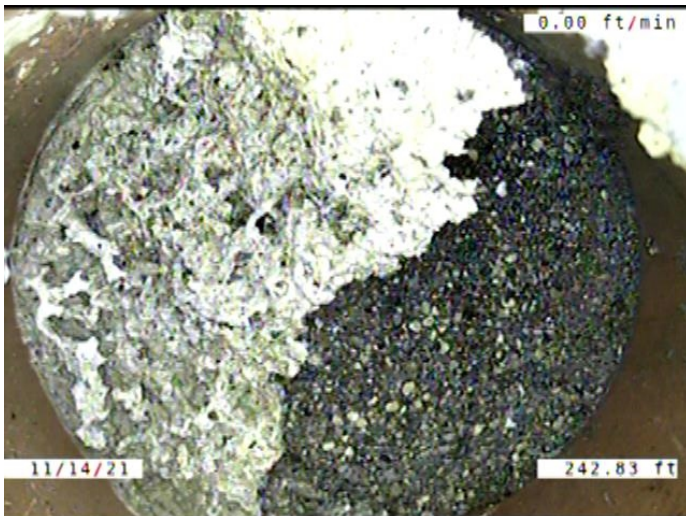
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **231.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **241.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



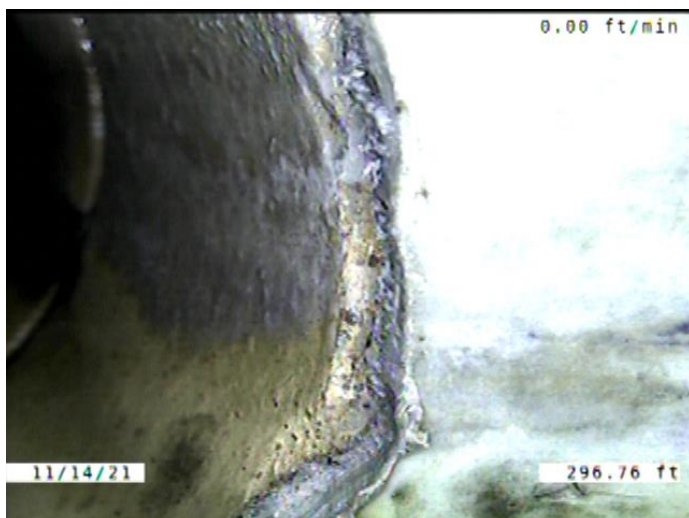
Code: **TBC**
 Description: **Tap Break-in Capped**

Distance (ft): **242.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



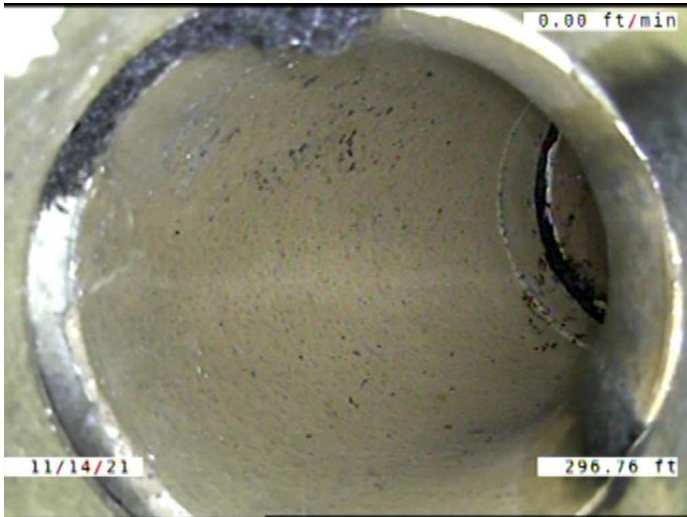
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **270.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



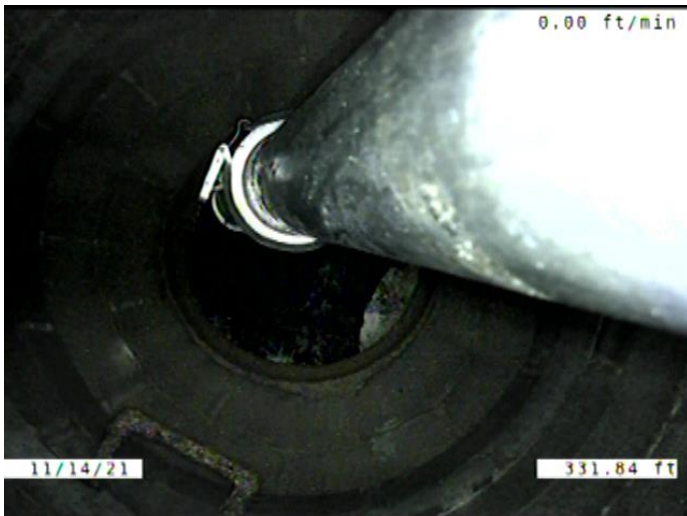
Code: **B**
 Description: **Broken**

Distance (ft): **296.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **296.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **331.8**
 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-604-001**