Profile/Photo Observation Report					
Date:	11/13/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft)	: 238.5	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	Steven Bucklin	PSR:	P-604-006-067
Customer:	City of Hobart, IN	(Red Clean Date:	11/13/2021	Shape:	C
Street:	Beverly Boulevar	d	Flow Control:	Not Controlled	
City:	City of Hobart		Year Renewed:		
Location:	Local rural streets	s with light traffic,	, t Tape/Media #:		
Purpose:	Routine Assessme	ent	Dia/Height:	12"	
Use:	Sanitary Sewage	Pipe	Material:	СР	
Drain Area:			Lining:	None	
Category:	NA				
Comment:					
Location Details	5:		Direction of Surv	ey: Downstream	
US MH:	M-604-006	DS MH:	M-605-067	Total Length Surveyed (ft)	: 238.5
O&M Index:	2.06	O&M Quick:	413	3 O&M Rating:	33.00
Structural Index:	2.75	Structural Qu	uick: 473	Ŭ	55.00
Overall Index:	2.44	Overall Quicl			88.00

	Position	Code	Observation	Video (sec)	Grade
1(604-)	006				
$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$	0. //	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	68	NA
	12.5	ISGT	Intruding Sealing Material Grout	187	M 2
	39.6	MWLS(S01)	Miscellaneous Water Level Sag	281	S 2
	45.0	DAE	Deposits Attached Encrustation	335	M 2
	//45.2	CL	Crack Longitudinal	353	S 2
	/// 47.5	TF	Tap Factory	395	NA
	48.2	ТВ	Tap Break-in/Hammer	454	NA
	57.4	MWLS(F01)	Miscellaneous Water Level Sag	498	S 2
	57.9	ISGT	Intruding Sealing Material Grout	540	M 2
	73.5	MWLS(S02)	Miscellaneous Water Level Sag	608	S 2
	/ 82.0	MWLS(F02)	Miscellaneous Water Level Sag	643	S 2
	//99.6	TFC	Tap Factory Capped	710	NA
	/ 102.6	TF	Tap Factory	746	NA
	/ //129.9	MWLS(S03)	Miscellaneous Water Level Sag	841	S 2
	//132.0	FM(S04)	Fracture Multiple	897	S 4
	142.9	TBA	Tap Break-in Activity	1048	NA
	143.7	RFJ	Roots Fine Joint	1084	M 1
	144.4	RFC	Roots Fine Connection	1130	M 1

Tuesday, April 25, 2023

144.5	ТВ	Tap Break-in/Hammer	1144	NA
148.4	TFC	Tap Factory Capped	1197	NA
148.4	MWLS(F03)	Miscellaneous Water Level Sag	1212	S 2
152.9	DAE	Deposits Attached Encrustation	1282	M 2
166.7	FM(F04)	Fracture Multiple	1402	S 4
177.0	MWLS	Miscellaneous Water Level Sag	1456	S 2
183.3	RFJ	Roots Fine Joint	1841	M
183.8	MCU	Miscellaneous Camera Underwater	1546	M 4
183.8	MWL	Miscellaneous Water Level	1554	NA
187.0	RML	Roots Medium Lateral	1646	M
187.8	TFD	Tap Factory Defective	1618	M
187.8	MGP	Miscellaneous General Photograph	1951	NA
190.3	RTL	Roots Tap Lateral	1721	M
190.8	TFD	Tap Factory Defective	1758	MS
190.8	MGP	Miscellaneous General Photograph	2037	NA
198.6	RFJ	Roots Fine Joint	2128	M
204.8	DAE	Deposits Attached Encrustation	2202	M
210.9	DAE	Deposits Attached Encrustation	2285	M
217.1	DAE	Deposits Attached Encrustation	2392	M
217.1	FL	Fracture Longitudinal	2408	S 3
226.7	MWL	Miscellaneous Water Level	2484	NA
238.5	AMH	Manhole	2636	NA

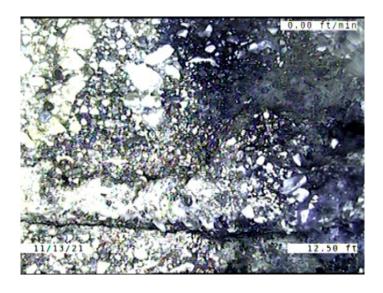
M-605-067



Code: Description:	AMH 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-604-006



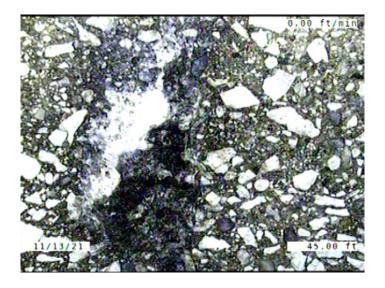
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



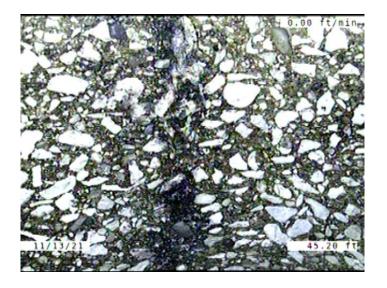
Code: Description:	ISGT Intruding Sealing Material Grout
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	12.5 0 2 5 8
Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	NO



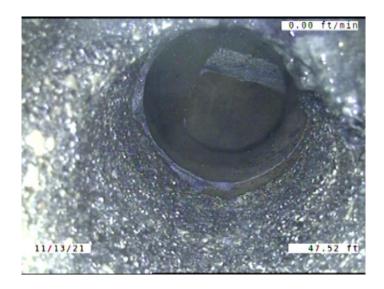
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	39.6
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	



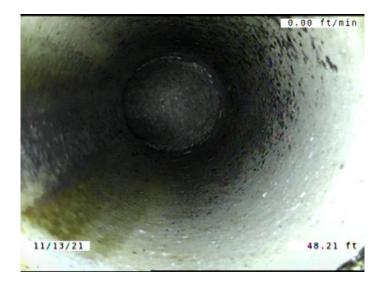
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade:	45.0 0 2
Clock Start/From: Clock To: 1st Value: 2nd Value:	10
Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	NO



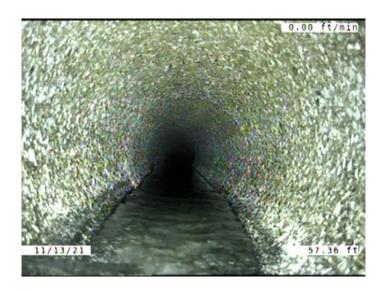
Code: Description:	CL Crack Longitudinal
Distance (ft):	45.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To:	47.5 0 0 1
1st Value: 2nd Value: Value Percent:	6.000
Continuous Index: Within 8" of Joint: Remarks:	YES CONSTANTLY RUNNING WATER.



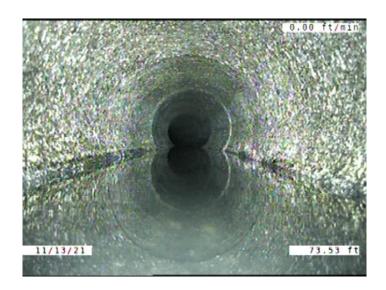
Code: Description:	TB Tap Break-in/Hammer
Distance (ft):	48.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	11
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	57.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From: Clock To: 1st Value: 2nd Value:	
Value Percent: Continuous Index: Within 8" of Joint: Remarks:	15.000 F01 NO



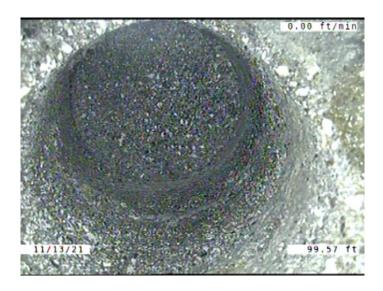
Code: Description:	ISGT Intruding Sealing Material Grout
Distance (ft):	57.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



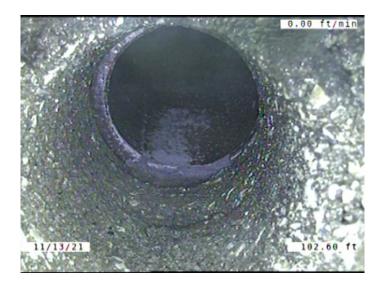
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	73.5
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S02
Within 8" of Joint:	NO
Remarks:	



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	82.0
Structural Grade:	
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F02
Within 8" of Joint:	NO
Remarks:	



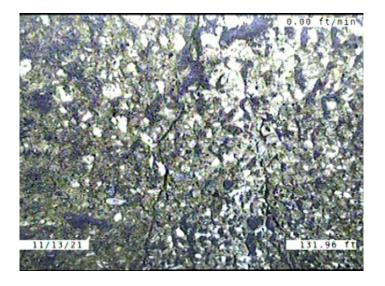
Code: Description:	TFC Tap Factory Capped
Distance (ft):	99.6
Structural Grade: O&M Grade:	0
Clock Start/From:	11
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	TAP CRACKED



Code:	TF
Description:	Tap Factory
Distance (ft):	102.6
Structural Grade:	0
	•
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



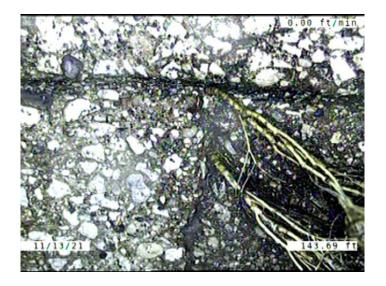
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	129.9
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	S03
Within 8" of Joint:	NO
Remarks:	



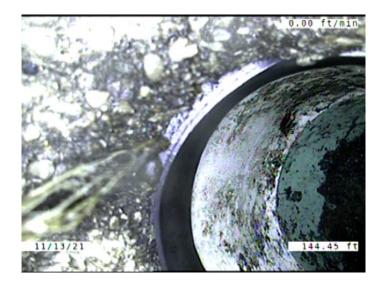
Code:	FM
Description:	Fracture Multiple
Distance (ft):	132.0
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S04
Within 8" of Joint:	YES
Remarks:	



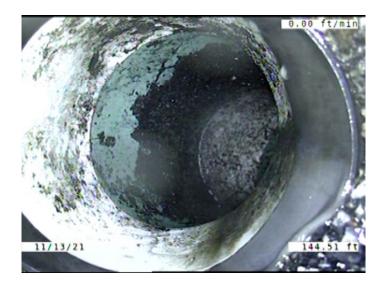
Code: Description:	TBA Tap Break-in Activity
Distance (ft):	142.9
Structural Grade: O&M Grade:	0 0
Clock Start/From:	12
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	CONSTANTLY RUNNING WATER.



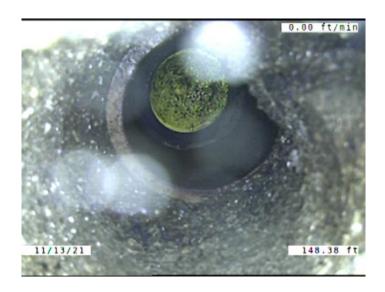
Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	143.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	RFC Roots Fine Connection
Distance (ft): Structural Grade:	144.4 0
O&M Grade:	1
Clock Start/From:	11
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



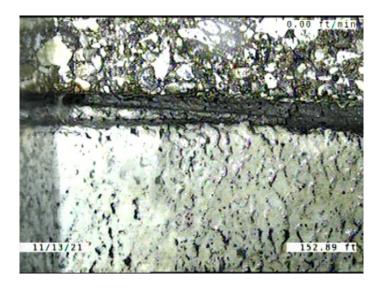
Code: Description:	TB Tap Break-in/Hammer
Distance (ft):	144.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	TFC Tap Factory Capped
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	148.4 0 0 1 6.000 YES



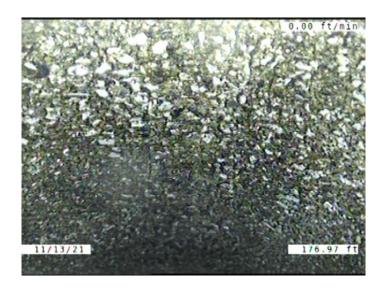
Code: Description:	MWLS Miscellaneous Water Level Sag
Description.	Wiscellaneous water Level Sag
Distance (ft):	148.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	F03
Within 8" of Joint:	NO
Remarks:	



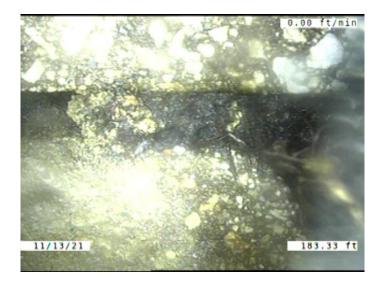
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	152.9 0 2 9 3
Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	YES



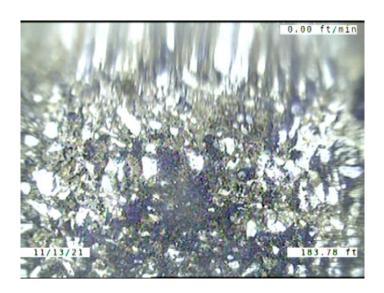
Code:	FM
Description:	Fracture Multiple
Distance (ft):	100 7
Distance (ft):	166.7
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F04
Within 8" of Joint:	YES
Remarks:	



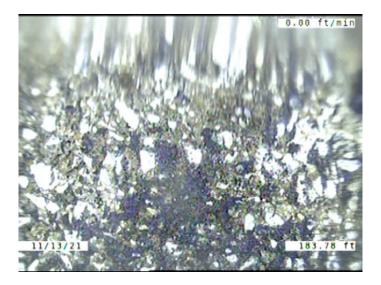
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	177.0
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	RFJ Roots Fine Joint
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	183.3 0 1 9 3 YES
Remarks:	



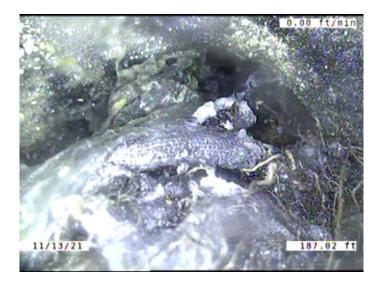
Code: Description:	MCU Miscellaneous Camera Underwater
Distance (ft):	183.8
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	Out at 186.7



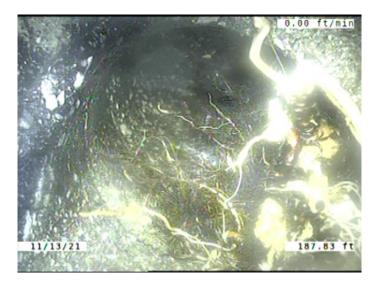
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	183.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	RML
Description:	Roots Medium Lateral
Distance (ft):	187.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	10
Clock To:	3
1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	40.000 NO



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	187.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ROOTS GROWING OUT OF THE TAP INTO THE MAIN.



Code: Description:	MGP Miscellaneous General Photograph
Distance (ft):	187.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	TAP AFTER ROOT CUTTING



Code:	RTL
Description:	Roots Tap Lateral
Distance (ft):	190.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	40.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



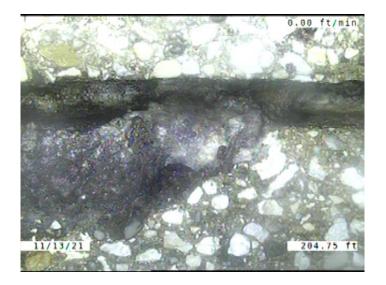
Code: Description:	TFD Tap Factory Defective
Distance (ft):	190.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	1
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ROOTS GROWING OUT OF THE TAP INTO THE MAIN.



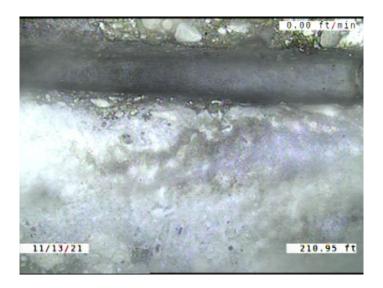
Code:	MGP
Description:	Miscellaneous General Photograph
Distance (ft):	190.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	TAP AFTER ROOT CUTTING



Code: Description:	RFJ Roots Fine Joint
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	198.6 0 1 1 3 YES



Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	204.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	10
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	210.9 0 2 10 12 5.000 YES

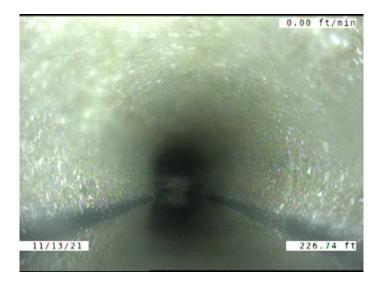


Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	217.1
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES

Remarks:



Code:	FL
Description:	Fracture Longitudinal
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	217.1 3 0 3 YES



Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	226.7
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:	



AMH Manhole
238.5
0
0
NO
M-605-067