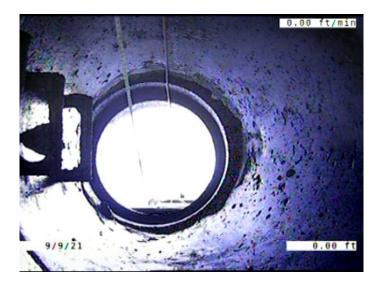
Date:	09/09/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	301.5	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-404-029-028
Customer:	City of Hobart	Clean Date:	09/09/2021	Shape:	С
Street:	North Clark Street	:	Flow Control:	Not Controlle	d l
City:	Hobart, IN		Year Renewed:		
Location:	Local rural streets	with light traffic,	, t Tape/Media #:		
Purpose:	Routine Assessme	ent	Dia/Height:	12"	
Use:	Sanitary Sewage F	Pipe	Material:	VCP	
Drain Area:			Lining:	None	
Category:	NA				
Comment:					
Location Details	:		Direction of Surv	ey: Downstream	
US MH:	M-404-028	DS MH:	M-404-029	Total Length Surveyed (ft	:): 301.5
0&M Index:	2.07	O&M Quick:	423:	0&M Rating:	120.00
Structural Index:	2.45	Structural Qu	uick: 5142		. 54.00
Overall Index:	2.18	Overall Quicl	F 4.4		

	Position	Code	Observation	Video (sec)	Grade
N(404	028				
\leq	0.	AMH	Manhole	3	NA
	.0	MWL	Miscellaneous Water Level	71	NA
- 11	19.6	СМ	Crack Multiple	212	S 3
	19.9	В	Broken	224	S 4
	19.9	RMC	Roots Medium Connection	250	M 3
	20.2	DAE	Deposits Attached Encrustation	281	M 2
	20.8	IRC	Infiltration Runner Connection	324	M 4
	20.8	TBI	Tap Break-in Intruding	338	M 2
	35.0	TFC	Tap Factory Capped	403	NA
5	37.1	TF	Tap Factory	429	NA
Ę.	7048.6	DSF(S01)	Deposits Settled Fine	478	M 2
Camera Direction	69.6	MWLS(S02)	Miscellaneous Water Level Sag	541	S 2
nera	78.3	MWLS(F02)	Miscellaneous Water Level Sag	573	S 2
	_ \\90.2	TF	Tap Factory	624	NA
	123.6	MWLS(S03)	Miscellaneous Water Level Sag	744	S 2
	136.1	MWLS(F03)	Miscellaneous Water Level Sag	786	S 2
Ļ	143.9	MWLS(S04)	Miscellaneous Water Level Sag	823	S 2
		MWLS(F04)	Miscellaneous Water Level Sag	875	S 2
	169.8	MWLS(S05)	Miscellaneous Water Level Sag	919	S 2
	198.3	MWLS(F05)	Miscellaneous Water Level Sag	1099	S 2
	203.6	ISB	Infiltration Stain Barrel	1167	M 1
	// 203.8	IRB	Infiltration Runner Barrel	1188	M 4
	203.8	FM	Fracture Multiple	1252	S 4
	217.7	MWLS	Miscellaneous Water Level Sag	1316	S 2
	235.4	MWLS	Miscellaneous Water Level Sag	1383	S 2
	242.4	TBA	Tap Break-in Activity	1457	NA
- 88	259.9	DAE	Deposits Attached Encrustation	1580	M 2
	259.9	FS	Fracture Spiral	1615	S 3
- ##	269.8	MWLS	Miscellaneous Water Level Sag	1663	S 2
	295.8	СМ	Crack Multiple	1775	S 3
	300.7	HVV	Hole Void Visible	1866	S 5
	// 301.5	DSF(F01)	Deposits Settled Fine	1897	M 2
	-// 301.5	AMH	Manhole	2031	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-404-028



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:	



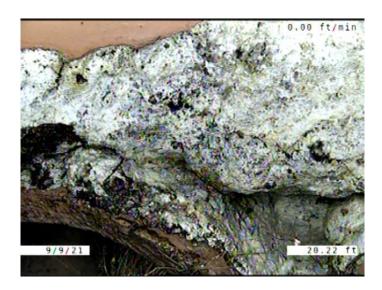
Code:	СМ
Description:	Crack Multiple
Distance (ft):	19.6
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	2
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



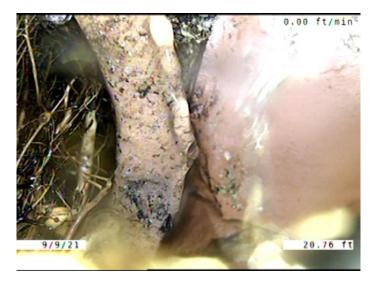
Code: Description:	B Broken
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	19.9 4 0 8 12
Within 8" of Joint: Remarks:	YES



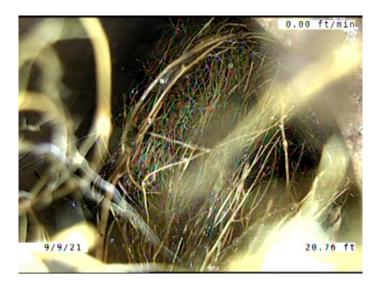
Code: Description:	RMC Roots Medium Connection
Distance (ft):	19.9
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	10
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



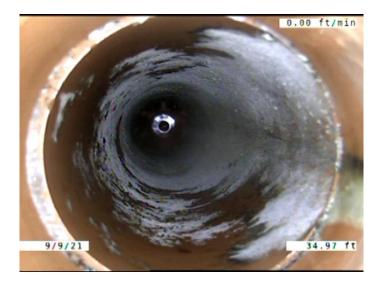
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	20.2 0 2 11 2
Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	NO



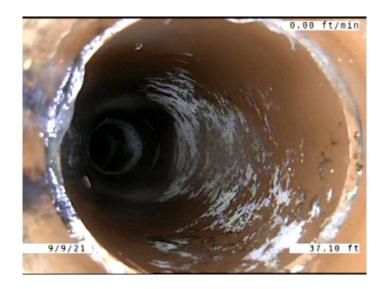
Code: IRC Description: Infiltration Runner Connection Distance (ft): 20.8 Structural Grade: 0 O&M Grade: 4 Clock Start/From: 1 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: NO



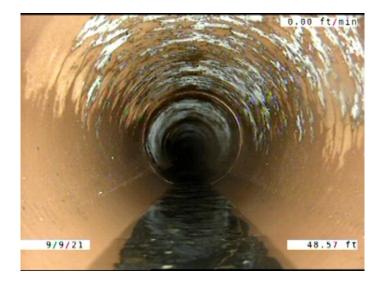
Code: Description:	TBI Tap Break-in Intruding
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	20.8 0 2 12 4.000 1.000
Within 8" of Joint: Remarks:	NO LOOKS TO BE 100% PLUGGED WITH ROOTS



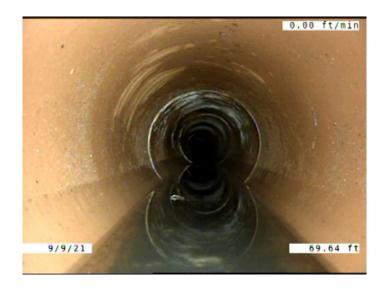
Code: Description:	TFC Tap Factory Capped
Distance (ft):	35.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



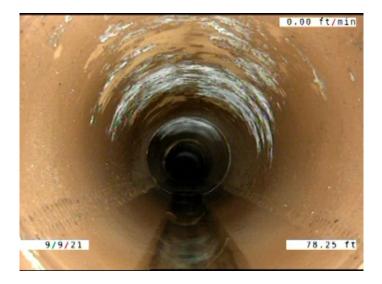
Code:	TF
Description:	Tap Factory
Distance (ft):	37.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To: 1st Value: 2nd Value: Value Percent:	4.000
Continuous Index: Within 8" of Joint: Remarks:	YES CONSTANTLY RUNNING WATER



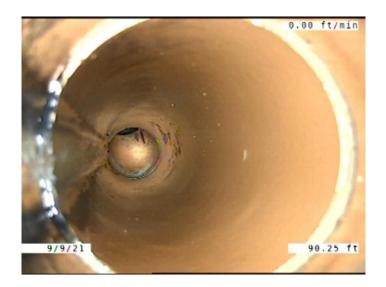
DSF
Deposits Settled Fine
48.6
0
2
5
7
5.000
S01
YES



MWLS Miscellaneous Water Level Sag
69.6
2
0
5.000
S02
NO



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	78.3
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:	



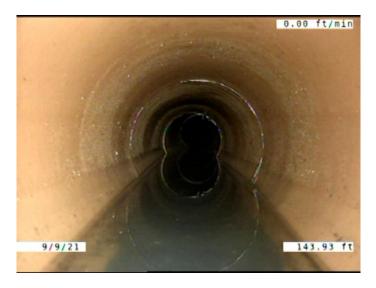
Code:	TF
Description:	Tap Factory
Distance (ft):	90.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To: 1st Value: 2nd Value: Value Percent:	4.000
Continuous Index: Within 8" of Joint: Remarks:	YES CONSTANTLY RUNNING WATER



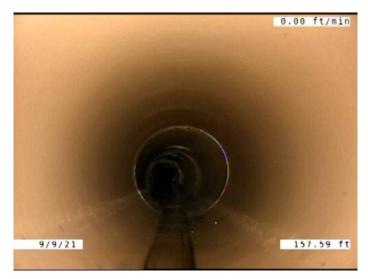
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	123.6
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S03
Within 8" of Joint:	NO



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	136.1
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:	



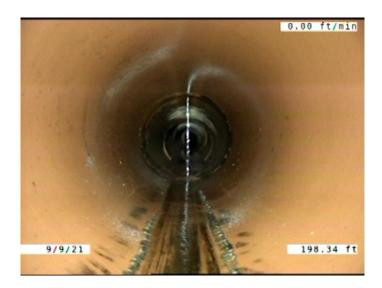
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	143.9
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S04
Within 8" of Joint:	NO



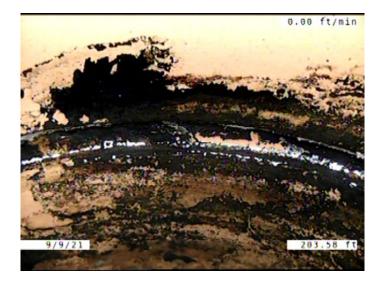
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	157.6
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F04
Within 8" of Joint:	NO
Remarks:	



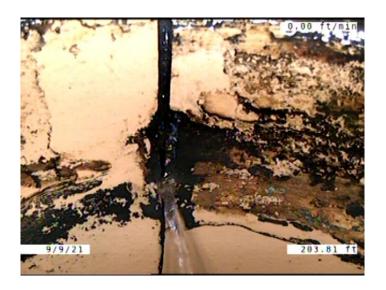
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	169.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S05
Within 8" of Joint:	NO



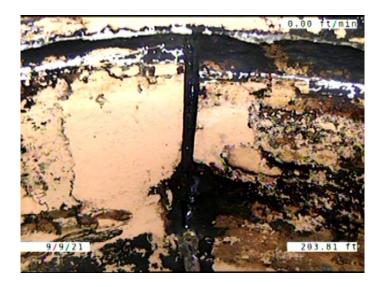
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	198.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F05
Within 8" of Joint:	NO
Remarks:	



Code: Description:	ISB Infiltration Stain Barrel
Distance (ft):	203.6
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:	



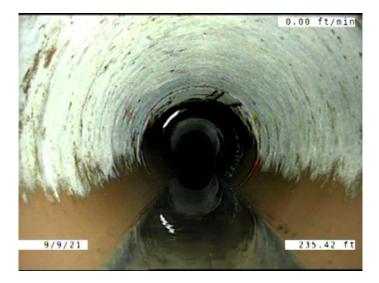
	IRB Infiltration Runner Barrel
Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	203.8 0 4 12 YES



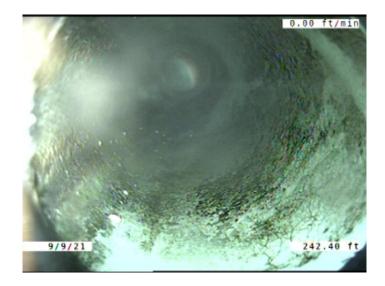
Code:	FM
Description:	Fracture Multiple
Distance (ft):	203.8
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



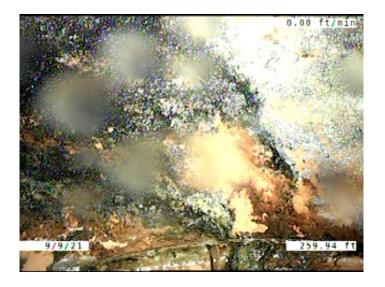
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	217.7
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



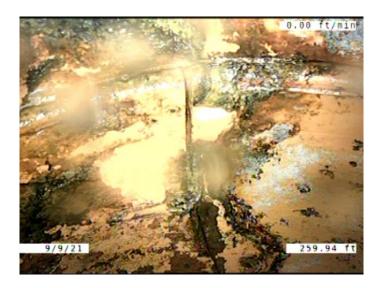
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	235.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	TBA Tap Break-in Activity
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:	242.4 0 0 10 4.000



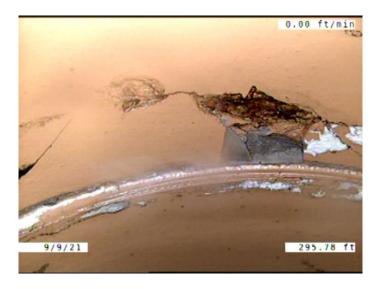
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	259.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES



Code: Description:	FS Fracture Spiral
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	259.9 3 0 10 2
Within 8" of Joint: Remarks:	YES



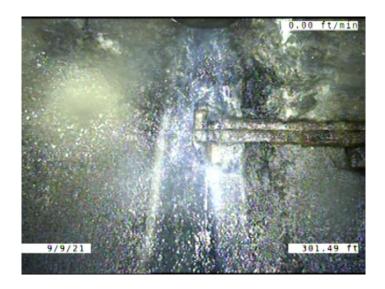
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	269.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	CM Crack Multiple
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:	295.8 3 0 7 10 YES



Code: Description:	HVV Hole Void Visible
Distance (ft):	300.7
Structural Grade:	5
O&M Grade:	0
Clock Start/From:	4
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	DSF Deposits Settled Fine
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:	301.5 0 2 5 7 5.000 F01 YES
NEIIIal KS.	



Code: Description:	AMH Manhole
Distance (ft): Structural Grade: O&M Grade: Clock Start/From:	301.5 0 0
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	NO M-404-029