Profile/Photo Observation Report					
Date:	11/09/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	212.4	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	Steven Bucklin	PSR:	P-605-040-039
Customer:	City of Hobart, IN	(Red Clean Date:	11/09/2021	Shape:	С
Street:	South Pennsylvan	ia Street	Flow Control:	Not Controlled	
City:	City of Hobart		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 Surve	ey: Downstream	
US MH:	M-605-039	DS MH:	M-605-040	Total Length Surveyed (ft)	: <b>212.4</b>
D&M Index:	2.19	O&M Quick:	372/	O&M Rating:	46.00
Structural Index:	3.21	Structural Qu	ick: 4H2I	Ŭ	260.00
Overall Index:	3.00	Overall Quick	4110	~ ~ ~	306.00

	Position	Code	Observation	Video (sec)	Grade
M-605	039				
¥	.0	AMH	Manhole	1	NA
	-0.	MWL	Miscellaneous Water Level	77	NA
	.7	RFJ	Roots Fine Joint	144	M 1
	¬ <u>    .</u> 7	FM(S03)	Fracture Multiple	192	S 4
	1.9	SZ	Surface Damage Other	219	NA
	2.5	RMJ(S01)	Roots Medium Joint	260	M 3
	4.9	JSL	Joint Separated Large	347	S 4
	6.3	DSF	Deposits Settled Fine	389	M 2
	15.6	DR(S02)	Deformed Rigid	538	S 4
;	28.8	RMJ(F01)	Roots Medium Joint	641	M 3
	28.8	DR(F02)	Deformed Rigid	649	S 4
	30.6	TFD	Tap Factory Defective	676	M 3
	30.6	SZ	Surface Damage Other	691	NA
3	33.4	FM(F03)	Fracture Multiple	709	S 4
	40.6	TFD	Tap Factory Defective	756	M 3
	47.8	FM(S04)	Fracture Multiple	808	S 4
	52.1	ISJ	Infiltration Stain Joint	854	M 1
	62.5	В	Broken	929	S 4
	-\ \ 78.7	TF	Tap Factory	1014	NA

Tuesday, April 25, 2023

\ 86	5.2	MWLS(S05)	Miscellaneous Water Level Sag	1073	S 2
~ <sup>`96</sup>	5.5	ISB	Infiltration Stain Barrel	1151	M
13	35.2	MWLS(S06)	Miscellaneous Water Level Sag	1368	S 2
15	50.7	SSS	Surface Damage Surface Spalling	1568	S 2
15	50.9	TBI	Tap Break-in Intruding	1590	M
15	52.5	SSS	Surface Damage Surface Spalling	1625	S 2
15	52.8	ТВІ	Tap Break-in Intruding	1648	M
15	52.8	MWLS(F05)	Miscellaneous Water Level Sag	1668	S 2
16	58.7	В	Broken	1760	S 4
]          17	76.6	DAE	Deposits Attached Encrustation	1852	M
17	77.3	В	Broken	1877	S 4
17	79.4	В	Broken	1895	S 4
18	32.8	DAE	Deposits Attached Encrustation	1942	M
18	36.7	DAE	Deposits Attached Encrustation	2020	M
19	90.8	SSS	Surface Damage Surface Spalling	2064	S 2
19	94.9	DAE	Deposits Attached Encrustation	2126	M
19	97.0	DAE	Deposits Attached Encrustation	2199	M
19	97.6	SSS	Surface Damage Surface Spalling	2220	S 2
19	97.9	ТВІ	Tap Break-in Intruding	2248	M
20	00.1	TFC	Tap Factory Capped	2286	NA
/20	)1.1	В	Broken	2322	S 4
// 20	01.8	ТВІ	Tap Break-in Intruding	2345	M
// 20	)5.0	DAE	Deposits Attached Encrustation	2393	M
//21	10.4	FM(F04)	Fracture Multiple	2449	S 4
//21	10.4	MWLS(F06)	Miscellaneous Water Level Sag	2459	S 2
1 21	12.4	AMH	Manhole	2544	NA



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-605-039



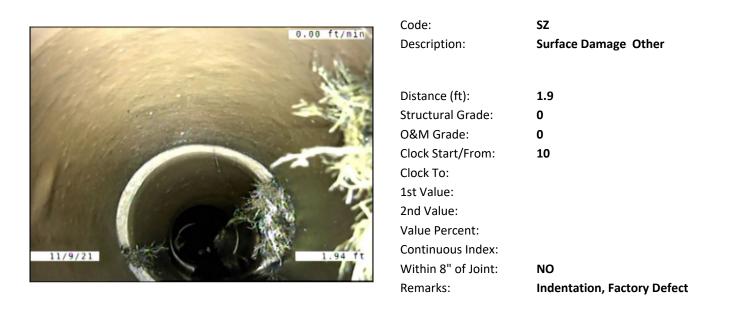
Code: Description:	MWL Miscellaneous Water Level
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	RFJ Roots Fine Joint
Distance (ft):	.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	3
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

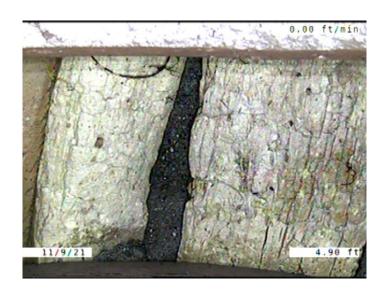


FM
Fracture Multiple
.7
4
0
12
12
S03
YES





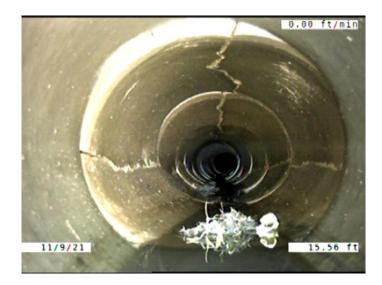
Code:	RMJ
Description:	<b>Roots Medium Joint</b>
	25
Distance (ft):	2.5
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	



Code: Description:	JSL Joint Separated Large
Distance (ft):	4.9
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	HAS BEEN BRICKED BACK TOGETHER.



Code: Description:	DSF Deposits Settled Fine
Distance (ft):	6.3
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: Description:	DR Deformed Rigid
Distance (ft):	15.6
Structural Grade:	4
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:	RMJ
Description:	<b>Roots Medium Joint</b>
Distance (ft):	28.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	



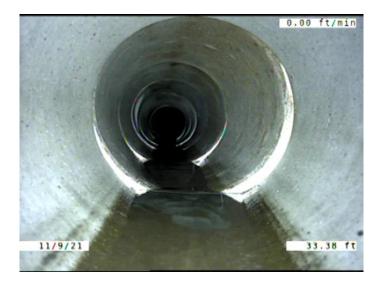
Code: Description:	DR Deformed Rigid
Distance (ft):	28.8
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F02
Within 8" of Joint:	NO
Remarks:	



Code: Description:	TFD Tap Factory Defective
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To:	30.6 0 3 2
1st Value: 2nd Value: Value Percent: Continuous Index:	4.000
Within 8" of Joint: Remarks:	YES CRACKED. LOOKS TO BE 95% PLUGGED



Code: Description:	SZ Surface Damage Other
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:	30.6 0 10 2 NO Indentations. Factory defect.



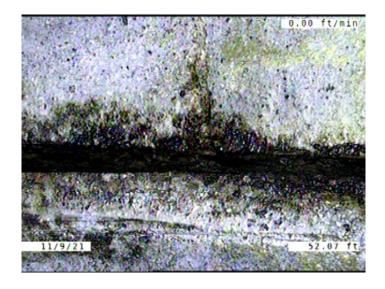
Code:	FM
Description:	Fracture Multiple
Distance (ft):	33.4
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	12
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F03
Within 8" of Joint:	YES
Remarks:	



Code:	TFD
Description:	Tap Factory Defective
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To:	40.6 0 3 9
1st Value: 2nd Value: Value Percent: Continuous Index:	4.000
Within 8" of Joint:	YES
Remarks:	OFFSET.



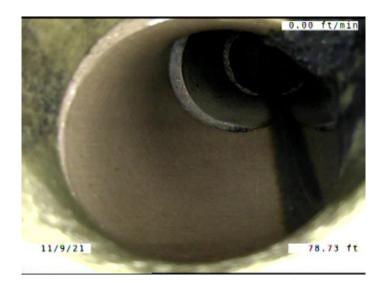
Code:	FM
Description:	Fracture Multiple
Distance (ft)	47.8
Distance (ft):	47.8
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	12
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S04
Within 8" of Joint:	YES
Remarks:	Wandering



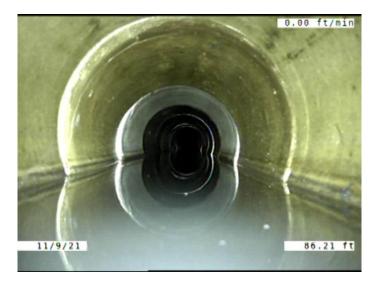
Code: Description:	ISJ Infiltration Stain Joint
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	52.1 0 1 2 5
Remarks:	



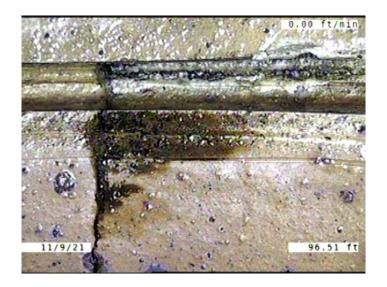
Code:	В
Description:	Broken
Distance (ft):	62.5
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



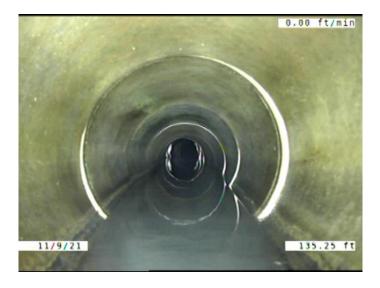
Code: Description:	TF Tap Factory
Distance (ft): Structural Grade:	78.7 0
O&M Grade:	0
Clock Start/From: Clock To:	2
1st Value:	4.000
2nd Value:	
Value Percent: Continuous Index:	
Within 8" of Joint: Remarks:	YES ROOTS GROWING IN THE TAP



MWLS Miscellaneous Water Level Sag
86.2
2
0
15.000
S05
NO



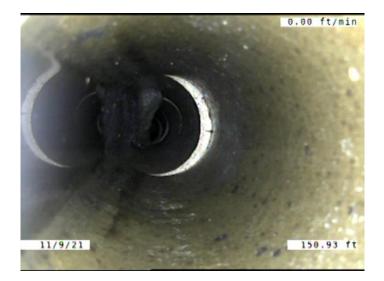
ISB Infiltration Stain Barrel
96.5
0
1
2
YES



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	135.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	S06
Within 8" of Joint:	NO
Remarks:	



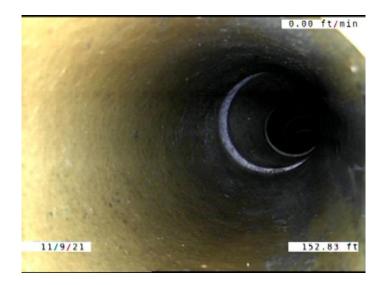
Code: Description:	SSS Surface Damage Surface Spalling
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	150.7 2 0 9 10
Within 8" of Joint: Remarks:	NO



Code: Description:	TBI Tap Break-in Intruding
Distance (ft):	150.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	
1st Value:	4.000
2nd Value:	2.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Distance (ft):152.5Structural Grade:2O&M Grade:0Clock Start/From:1Clock To:31st Value:
Value Percent: Continuous Index: Within 8" of Joint: <b>NO</b> Remarks:



5

Distance (ft):152.8Structural Grade:2O&M Grade:0Clock Start/From:-Clock To:-1st Value:-2nd Value:-Value Percent:15.000Continuous Index:F05Within 8" of Joint:NO	Code: Description:	MWLS Miscellaneous Water Level Sag
O&M Grade:OClock Start/From:Clock To:1st Value:2nd Value:Value Percent:15.000Continuous Index:F05	Distance (ft):	152.8
Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: F05	Structural Grade:	2
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: <b>F05</b>	O&M Grade:	0
1st Value: 2nd Value: Value Percent: <b>15.000</b> Continuous Index: <b>F05</b>	Clock Start/From:	
2nd Value:Value Percent:15.000Continuous Index:F05	Clock To:	
Value Percent:15.000Continuous Index:F05	1st Value:	
Continuous Index: <b>F05</b>	2nd Value:	
	Value Percent:	15.000
Within 8" of Joint: NO	Continuous Index:	F05
	Within 8" of Joint:	NO
Remarks:	Remarks:	



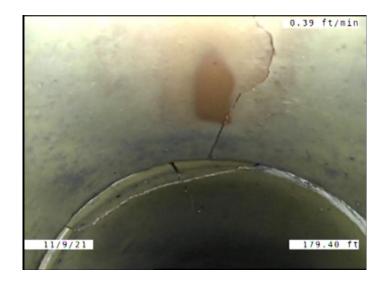
Code:	В
Description:	Broken
Distance (ft):	169 7
Distance (ft):	168.7
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



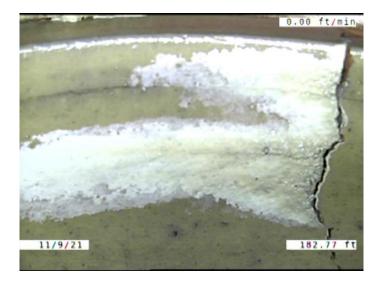
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	176.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



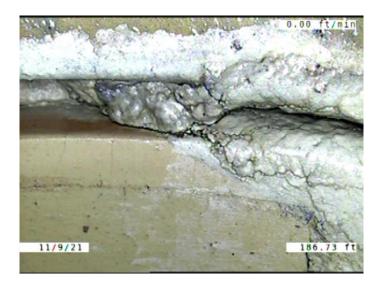
Code:	В
Description:	Broken
Distance (ft):	477.0
Distance (ft):	177.3
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



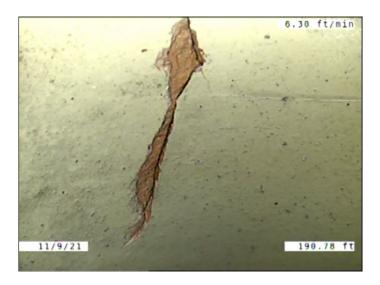
Code: Description:	B Broken
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	179.4 4 0 10 12
Within 8" of Joint: Remarks:	YES



Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	182.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	10
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	186.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: SSS Description: Surface Damage Surface Spalling Distance (ft): 190.8 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 10 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

YES

Within 8" of Joint:



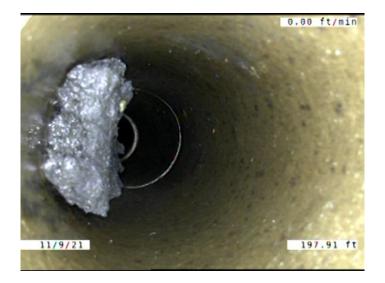
Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	194.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	3
1st Value: 2nd Value: Value Percent: Continuous Index:	5.000
Within 8" of Joint: Remarks:	YES



DAE Deposits Attached Encrustation
197.0
0
2
3
4
5.000
YES



Code: Description:	SSS Surface Damage Surface Spalling
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:	197.6 2 0 8 10



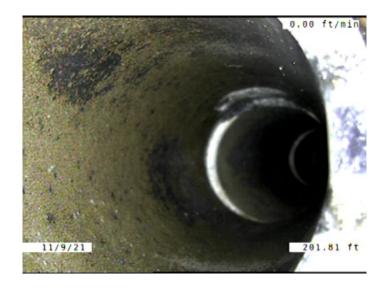
Code: Description:	TBI Tap Break-in Intruding
Distance (ft):	197.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	
1st Value:	4.000
2nd Value:	1.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



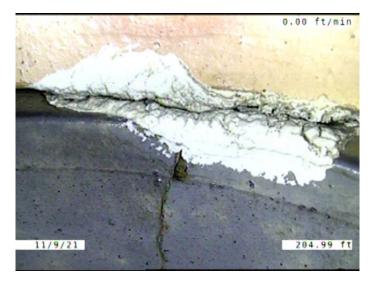
Code: Description:	TFC Tap Factory Capped
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	200.1 0 1 4.000 YES



Code:	В
Description:	Broken
Distance (ft):	201.1
Structural Grade:	4
Structural Grade:	4
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: 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: Within 8" of Joint: Remarks:	201.8 0 2 2 4.000 1.000 YES



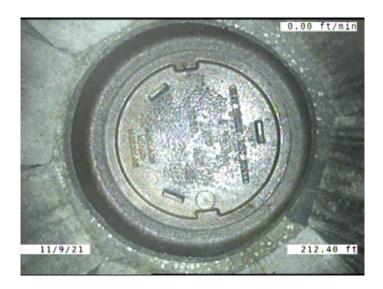
Code: Description:	DAE Deposits Attached Encrustation
Distance (ft):	205.0
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES



Code: Description:	FM Fracture 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:	210.4 4 0 12 12 F04 YES
Remarks:	Wandering



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	210.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	F06
Within 8" of Joint:	NO
Remarks:	



AMH Manhole
212.4
0
0
NO
M-605-040