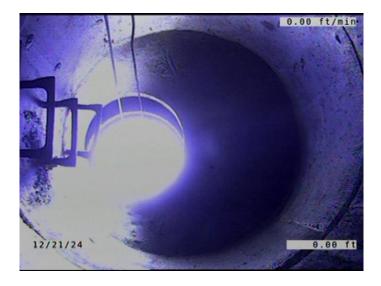
Date:	12/21/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft)	: 164.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-904-067-071
Customer:	City of Hobart	Clean Date:	11/25/2024	Shape:	С
Street:	Pembroke Drive	North	Flow Control:	Not Controlled	
City:	Hobart, IN		Year Renewed:		
Location:	Easement/Right	of Way	Tape/Media #:		
Purpose:	Sewer System E	valuation Survey (SS	Dia/Height:	8"	
Use:	Sanitary Sewage	e Pipe	Material:	PVC	
Drain Area:			Lining:	None	
Category:	NA				
Comment:					
Location Details	5:		Direction of Survey	: Downstream	
US MH:	M-904-071	DS MH:	M-904-067	Total Length Surveyed (ft)	: 165.4
0&M Index:	2.33	O&M Quick:	3122	O&M Rating:	7.00
tructural Index:	2.63	Structural Qui	ck: 4439	Structural Rating:	71.00
Overall Index:	2.60	Overall Quick:	4424	Overall Rating:	78.00

	Position	Code	Observation	Video (sec)	Grade
904	-071				
$\mathbb{Y}$	.0	AMH	Manhole	0	NA
	_\\\0	MWL	Miscellaneous Water Level	73	NA
	7.2	MWLS(S01)	Miscellaneous Water Level Sag	121	S 2
	-√\\_13.8	IWB	Infiltration Weeper Barrel	209	M 2
	_\\\\14.2	ТВІ	Tap Break-in Intruding	225	M 2
	-\\\\21.5	MWLS(F01)	Miscellaneous Water Level Sag	276	S 2
	26.9	MWLS(S02)	Miscellaneous Water Level Sag	302	S 2
	32.4	MWLS(F02)	Miscellaneous Water Level Sag	331	S 2
	36.8	MWLS(S03)	Miscellaneous Water Level Sag	362	S 2
	-1 42.9	JAL	Joint Angular Large	427	S 4
	44.4	TF	Tap Factory	454	NA
	46.0	TF	Tap Factory	480	NA
	רן∭46.5	JSL	Joint Separated Large	533	S 4
	63.8	MWLS(F03)	Miscellaneous Water Level Sag	621	S 2
		MWLS(S04)	Miscellaneous Water Level Sag	650	S 2
	₹\\\83.8	MWLS(F04)	Miscellaneous Water Level Sag	716	S 2
	98.7	MWLS(S05)	Miscellaneous Water Level Sag	787	S 3
	104.3	FM	Fracture Multiple	878	S 4
	104.8	TBD	Tap Break-in/Hammer Defective	898	M 3
	138.9	JSL	Joint Separated Large	1196	S 4
	146.2	MWLS(F05)	Miscellaneous Water Level Sag	1263	S 3
	156.8	MWLS(S06)	Miscellaneous Water Level Sag	1328	S 2
	165.4	MWLS(F06)	Miscellaneous Water Level Sag	1499	S 2
	165.4	AMH	Manhole	1523	NA

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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-904-071



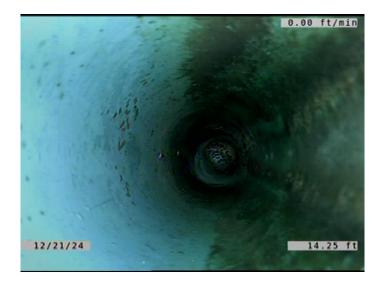
Code: Description:	MWL Miscellaneous Water Level
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent:	.0 0 0 5.000
Continuous Index: Within 8" of Joint: Remarks:	ΝΟ



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	7.2
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



Code: Description:	IWB Infiltration Weeper Barrel
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:	13.8 0 2 12 1



Code: Description:	TBI Tap Break-in Intruding
Distance (ft):	14.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	
1st Value:	6.000
2nd Value:	2.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	Active



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	21.5
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	26.9
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



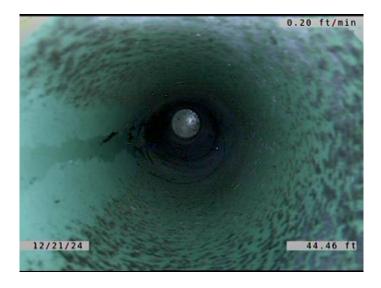
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	32.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F02
Within 8" of Joint:	NO
Remarks:	



MWLS Miscellaneous Water Level Sag
36.8
2
0
15.000
S03
NO



Code: Description:	JAL Joint Angular Large
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	42.9 4 0
Remarks:	



Description: Tap Factory Tap Factory Uistance (ft): 44.4 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 11 Clock To: 11 Clock To: 11 Clock To: 6.000 2nd Value: 6.000 2nd Value: Value Percent: Continuous Index: VES Remarks: VES	Code:	TF
Structural Grade:0O&M Grade:0Clock Start/From:11Clock To:111st Value:6.0002nd Value:4.000Value Percent:4.000Continuous Index:YES	Description:	Tap Factory
Structural Grade:0O&M Grade:0Clock Start/From:11Clock To:111st Value:6.0002nd Value:4.000Value Percent:4.000Continuous Index:YES		
Structural Grade:0O&M Grade:0Clock Start/From:11Clock To:111st Value:6.0002nd Value:4.000Value Percent:4.000Continuous Index:YES	Distance (ft):	AA A
O&M Grade:OClock Start/From:11Clock To:111st Value:6.0002nd Value:Value Percent:Value Percent:Yes	Distance (It):	44.4
Clock Start/From: 11 Clock To: 11 St Value: 6.000 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES	Structural Grade:	0
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES	O&M Grade:	0
1st Value:6.0002nd Value:Value Percent:Continuous Index:Within 8" of Joint:YES	Clock Start/From:	11
2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES	Clock To:	
Value Percent: Continuous Index: Within 8" of Joint: YES	1st Value:	6.000
Continuous Index: Within 8" of Joint: YES	2nd Value:	
Within 8" of Joint: YES	Value Percent:	
	Continuous Index:	
Remarks:	Within 8" of Joint:	YES
	Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	46.0
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:	



Distance (ft):46.5Structural Grade:4O&M Grade:0Clock Start/From:0Clock To:11st Value:22nd Value:Value Percent:Value Percent:Continuous Index:Within 8" of Joint:NORemarks:JOINT/ PIPES NOT PUSHED ALL THE WAY TOGETHER WHEN THEY WERE I	Code: Description:	JSL Joint Separated Large
Structural Grade:4O&M Grade:0Clock Start/From:0Clock To:-1st Value:-2nd Value:-Value Percent:-Continuous Index:NOWithin 8" of Joint:NORemarks:JOINT/ PIPES NOT PUSHED ALL THE		······································
O&M Grade:OOkClock Start/From:Clock Start/From:Image: Clock To:1st Value:Image: Clock To:2nd Value:Image: Clock To:Value Percent:Image: Clock To:Continuous Index:Image: NOWithin 8" of Joint:NORemarks:JOINT/ PIPES NOT PUSHED ALL THE	Distance (ft):	46.5
Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: NO Remarks: JOINT/ PIPES NOT PUSHED ALL THE	Structural Grade:	4
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: NO Remarks: JOINT/ PIPES NOT PUSHED ALL THE	O&M Grade:	0
1st Value:         2nd Value:         Value Percent:         Continuous Index:         Within 8" of Joint:         NO         Remarks:       JOINT/ PIPES NOT PUSHED ALL THE	Clock Start/From:	
2nd Value:         Value Percent:         Continuous Index:         Within 8" of Joint:         NO         Remarks:       JOINT/ PIPES NOT PUSHED ALL THE	Clock To:	
Value Percent:Continuous Index:Within 8" of Joint:NORemarks:JOINT/ PIPES NOT PUSHED ALL THE	1st Value:	
Continuous Index: Within 8" of Joint: NO Remarks: JOINT/ PIPES NOT PUSHED ALL THE	2nd Value:	
Within 8" of Joint:     NO       Remarks:     JOINT/ PIPES NOT PUSHED ALL THE	Value Percent:	
Remarks: JOINT/ PIPES NOT PUSHED ALL THE	Continuous Index:	
	Within 8" of Joint:	NO
	Remarks:	•



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	63.8
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:	



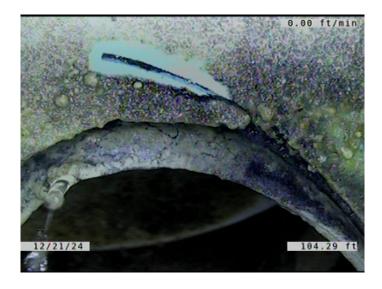
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	69.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S04
Within 8" of Joint:	NO



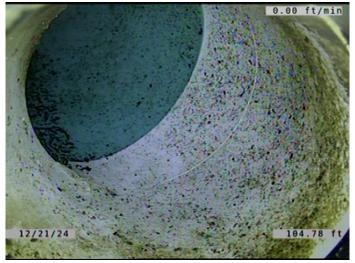
Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	83.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F04
Within 8" of Joint:	NO
Remarks:	



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	98.7
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	50.000
Continuous Index:	S05
Within 8" of Joint:	NO



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:	104.3 4 0 12 2 NO
Remarks:	



Code:	TBD
Description:	Tap Break-in/Hammer Defective
Distance (ft):	104.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	12
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	CONSTANTLY RUNNING WATER. SERVICE IS COMING FROM THE LEFT



Code:	JSL
Description:	Joint Separated Large
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:	138.9 4 0 NO JOINT/ PIPES NOT PUSHED TOGETHER WHEN INSTALLED.



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	146.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	50.000
Continuous Index:	F05
Within 8" of Joint:	NO



Code: Description:	MWLS Miscellaneous Water Level Sag
Distance (ft):	156.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S06
Within 8" of Joint:	NO
Remarks:	



Code: MWLS Description: **Miscellaneous Water Level Sag** Distance (ft): 165.4 Structural Grade: 2 O&M Grade: 0 Clock Start/From: Clock To: 1st Value: 2nd Value: 10.000 Value Percent: Continuous Index: F06 Within 8" of Joint: NO



Code: Description:	AMH Manhole
Distance (ft):	165.4
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-904-067