

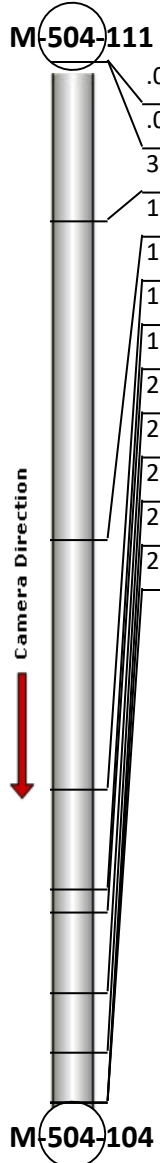
Profile/Photo Observation Report

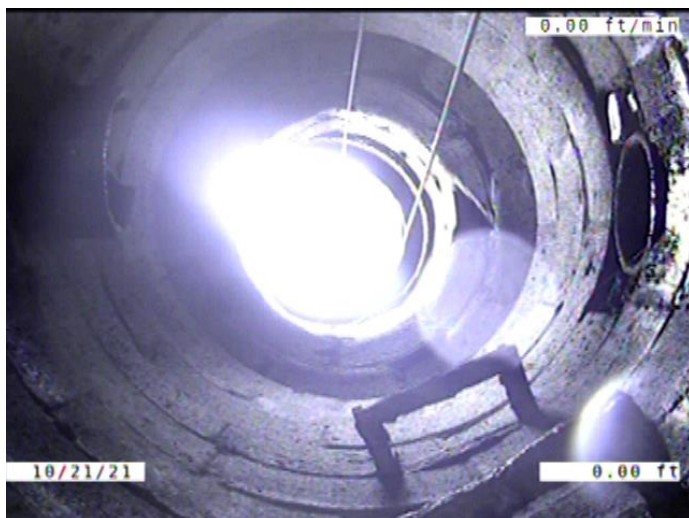


Date:	10/21/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	260.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-111-104
Customer:	City of Hobart	Clean Date:	09/11/2021	Shape:	C

Street:	North Colorado Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	CP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-504-104	DS MH:	M-504-111
		Total Length Surveyed (ft):	22.9

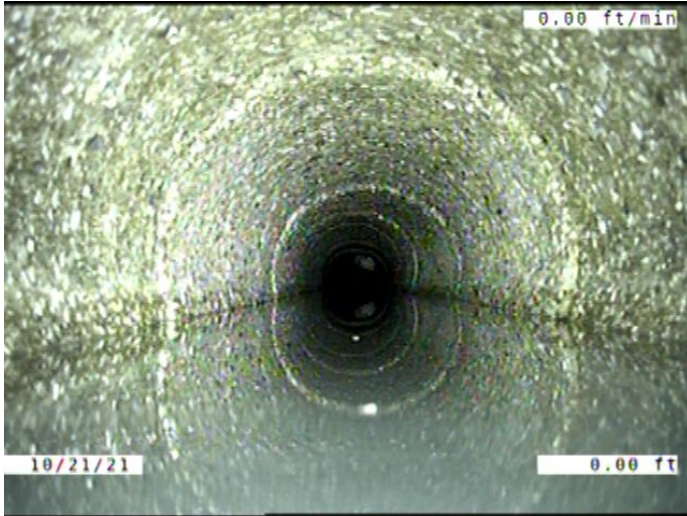
O&M Index:	3.00	O&M Quick:	5131	O&M Rating:	12.00
Structural Index:	4.00	Structural Quick:	4300	Structural Rating:	12.00
Overall Index:	3.43	Overall Quick:	5143	Overall Rating:	24.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	60	NA
	3.5	FM	Fracture Multiple	131	S 4
	10.5	FM(S01)	Fracture Multiple	217	S 4
	16.0	MMC	Miscellaneous Material Change	294	NA
	18.2	TFI	Tap Factory Intruding	325	M 2
	18.7	RFB	Roots Fine Barrel	355	M 2
	20.5	RBB	Roots Ball Barrel	389	M 5
	21.8	TFD	Tap Factory Defective	485	M 3
	22.9	FM(F01)	Fracture Multiple	556	S 4
	22.9	MMC	Miscellaneous Material Change	584	NA
	22.9	MSA	Miscellaneous Survey Abandoned	605	NA



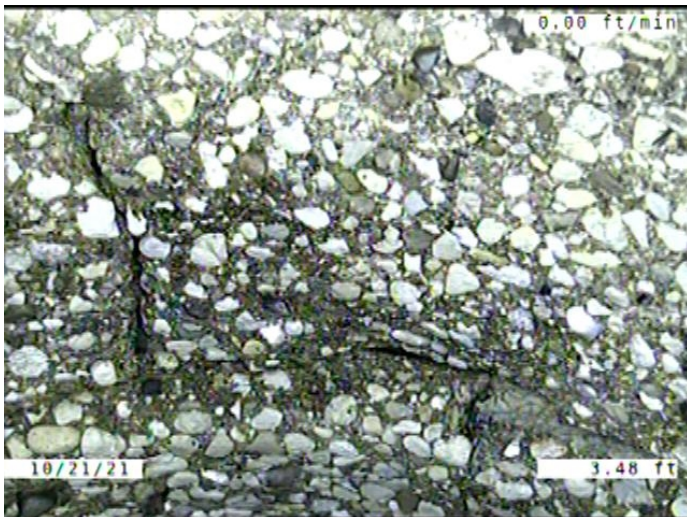
Code: **AMH**
Description: **Manhole**

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-504-111**



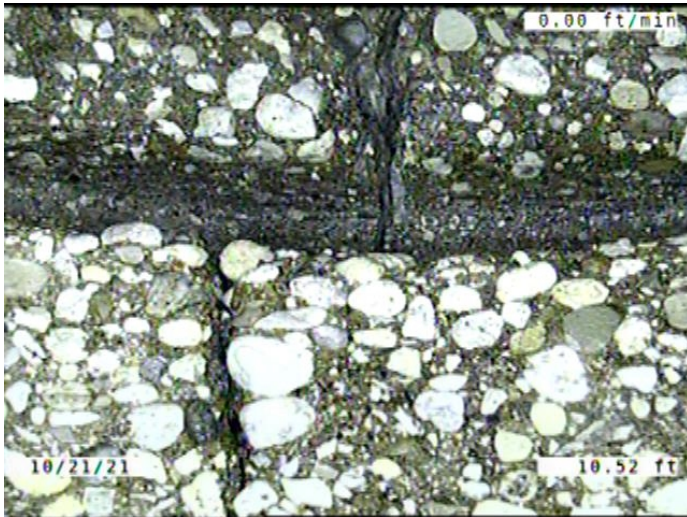
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



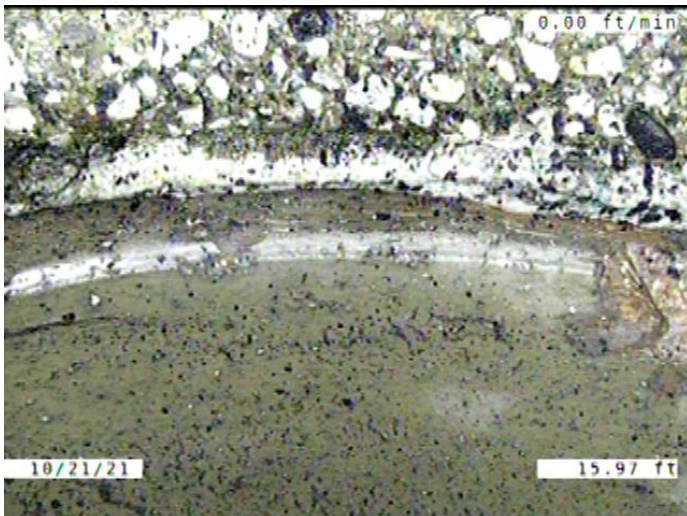
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **3.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **1**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



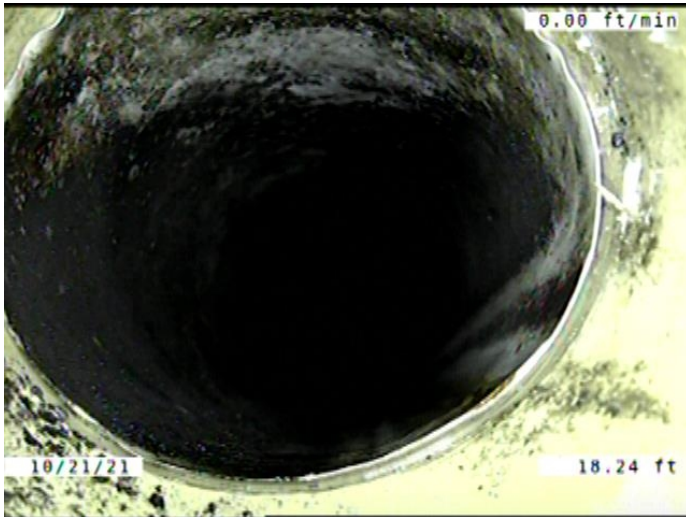
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **10.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



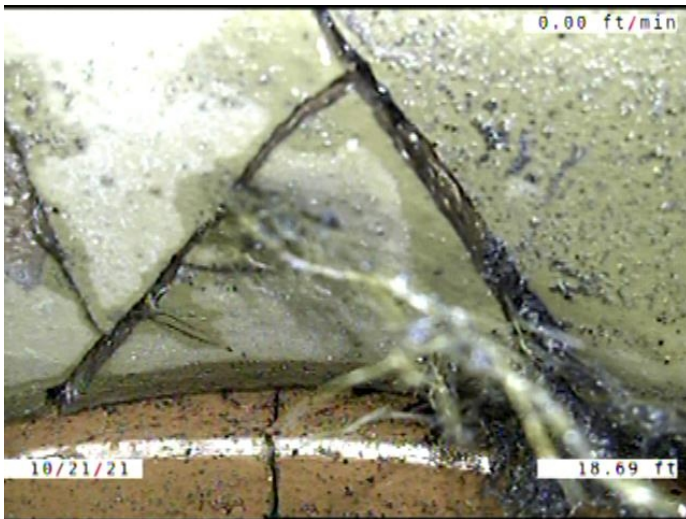
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **16.0**
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: **CONCRETE TO VCP**



Code: **TFI**
 Description: **Tap Factory Intruding**

Distance (ft): **18.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value: **2.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



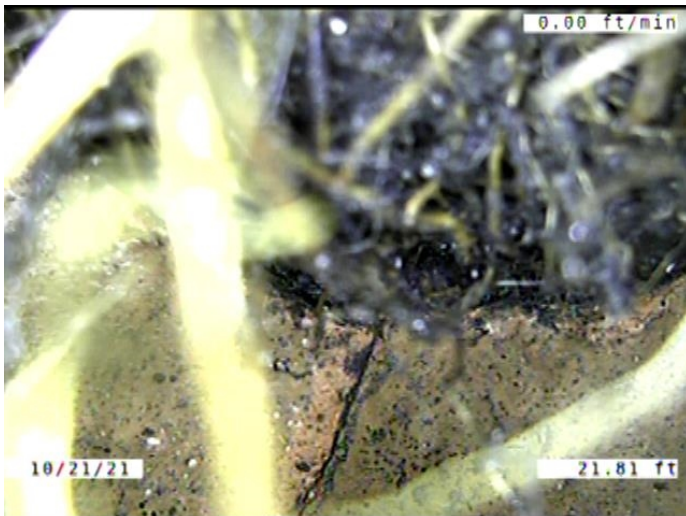
Code: **RFB**
 Description: **Roots Fine Barrel**

Distance (ft): **18.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



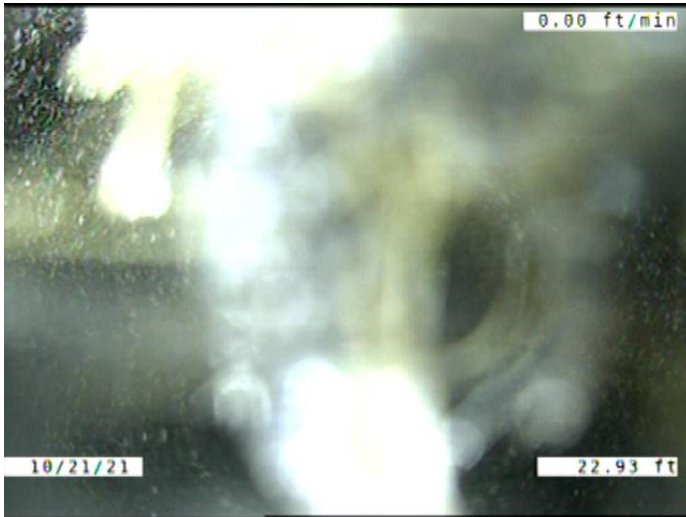
Code: **RBB**
Description: **Roots Ball Barrel**

Distance (ft): **20.5**
Structural Grade: **0**
O&M Grade: **5**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **70.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



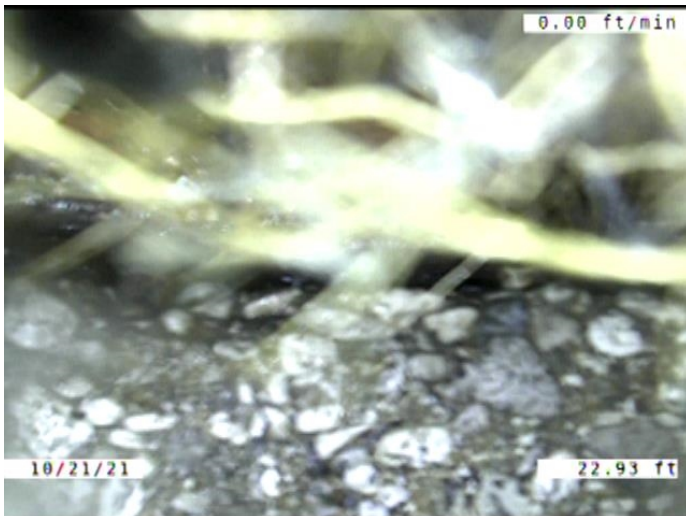
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **21.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
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**



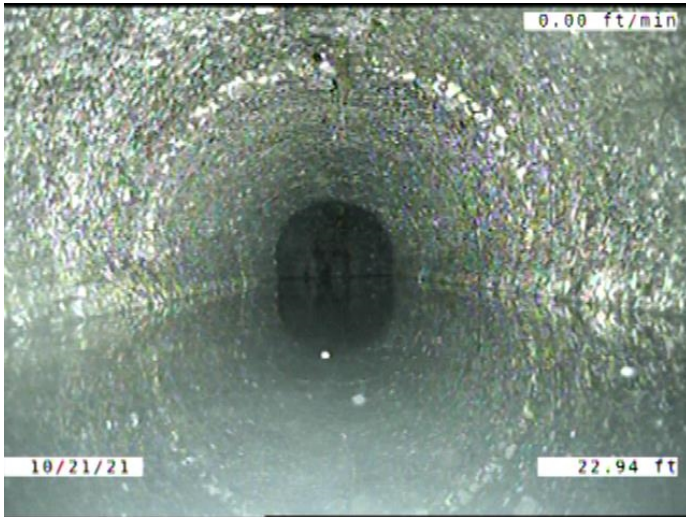
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **22.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **22.9**
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: **VCP TO CONCRETE**



Code:	MSA
Description:	Miscellaneous Survey Abandoned
Distance (ft):	22.9
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:	CAMERA CANT MAKE IT PAST ROOTS