

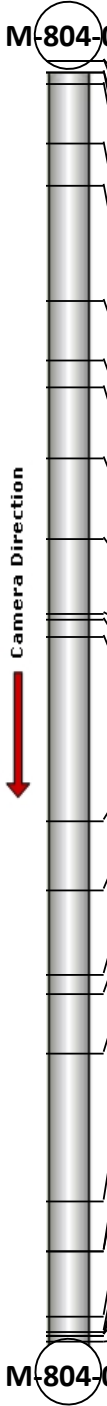
Profile/Photo Observation Report

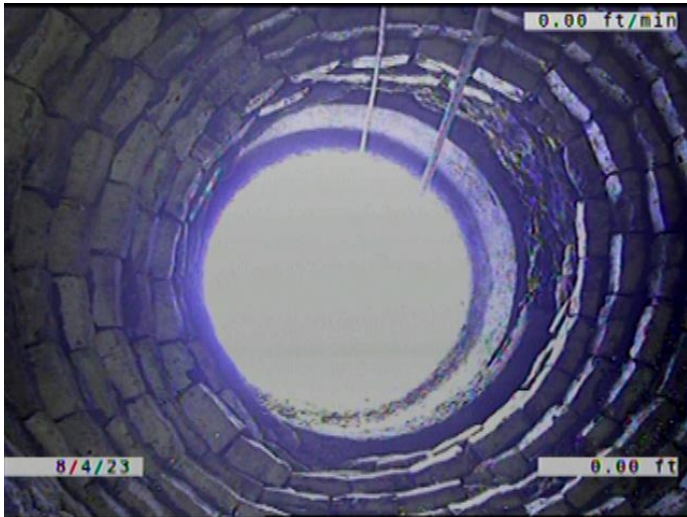


Date:	08/04/2023	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	414.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-804-010-011
Customer:	City of Hobart	Clean Date:	11/15/2022	Shape:	C

Street:	East Cleveland Avenue	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-804-010	DS MH:	M-804-011
		Total Length Surveyed (ft):	106.0

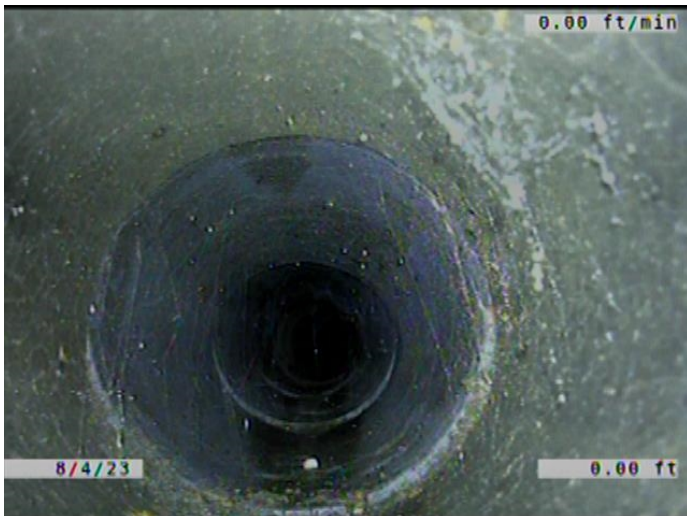
O&M Index:	1.84	O&M Quick:	322C	O&M Rating:	59.00
Structural Index:	3.47	Structural Quick:	514A	Structural Rating:	59.00
Overall Index:	2.41	Overall Quick:	514A	Overall Rating:	118.00

	Position	Code	Observation	Video (sec)	Grade
M-804-010					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	85	NA
	1.0	B	Broken	121	S 4
	1.0	DSF(S01)	Deposits Settled Fine	137	M 2
	2.8	CM	Crack Multiple	175	S 3
	6.9	FM(S02)	Fracture Multiple	254	S 4
	10.4	MWLS	Miscellaneous Water Level Sag	361	S 2
	20.8	LL	Line Left	460	M 1
	24.8	LR	Line Right	488	M 1
	27.0	RFB	Roots Fine Barrel	511	M 2
	32.9	LL	Line Left	554	M 1
	39.5	JAM	Joint Angular Medium	626	S 3
	45.7	LR	Line Right	663	M 1
	46.2	FM(F02)	Fracture Multiple	673	S 4
	47.7	JAL	Joint Angular Large	706	S 4
	63.0	TFD	Tap Factory Defective	861	M 3
	68.7	LL	Line Left	937	M 1
	75.6	LR	Line Right	982	M 1
	77.3	TFD	Tap Factory Defective	1028	M 3
	82.1	MWLS(S03)	Miscellaneous Water Level Sag	1088	S 2
	94.4	MWLS(F03)	Miscellaneous Water Level Sag	1146	S 2
	98.5	MWLS(S04)	Miscellaneous Water Level Sag	1179	S 2
	98.5	LL	Line Left	1188	M 1
	103.9	TFC	Tap Factory Capped	1264	NA
	105.2	BVV	Broken Void Visible	1301	S 5
	105.6	TBI	Tap Break-in Intruding	1395	M 2
	105.6	DSF(F01)	Deposits Settled Fine	1431	M 2
	105.6	MWLS(F04)	Miscellaneous Water Level Sag	1447	S 2
	106.0	MSA	Miscellaneous Survey Abandoned	1455	NA
M-804-011					



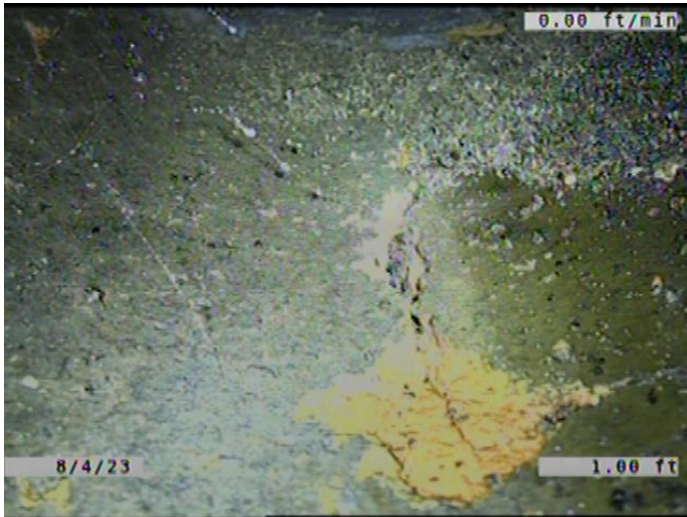
Code: **AMH**
Description: **Manhole**

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-804-010**



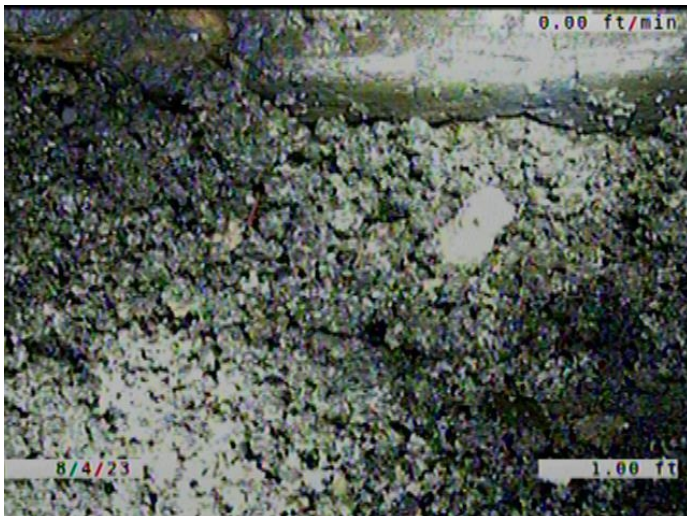
Code: **MWL**
Description: **Miscellaneous Water Level**

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



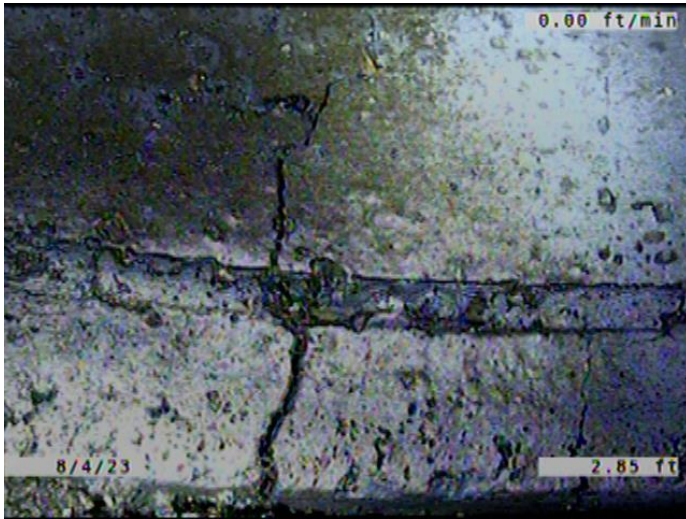
Code: **B**
 Description: **Broken**

Distance (ft): **1.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



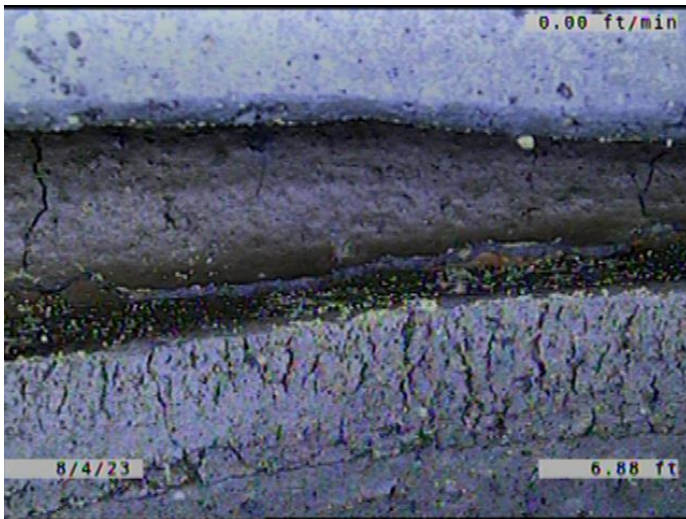
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **1.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



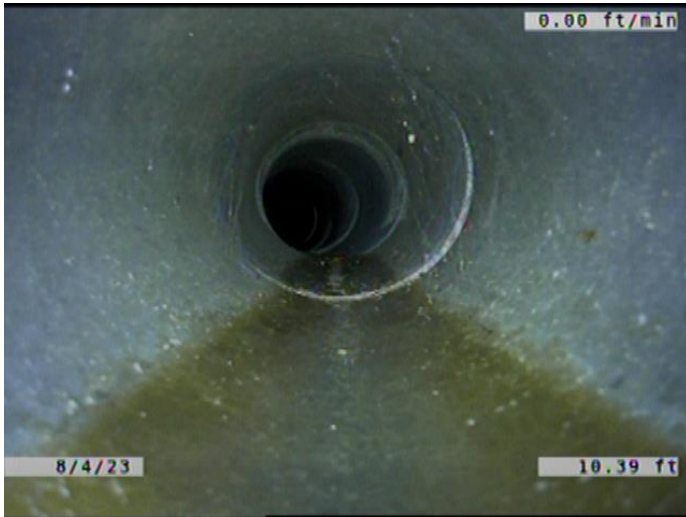
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **2.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **5**
Clock To: **6**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



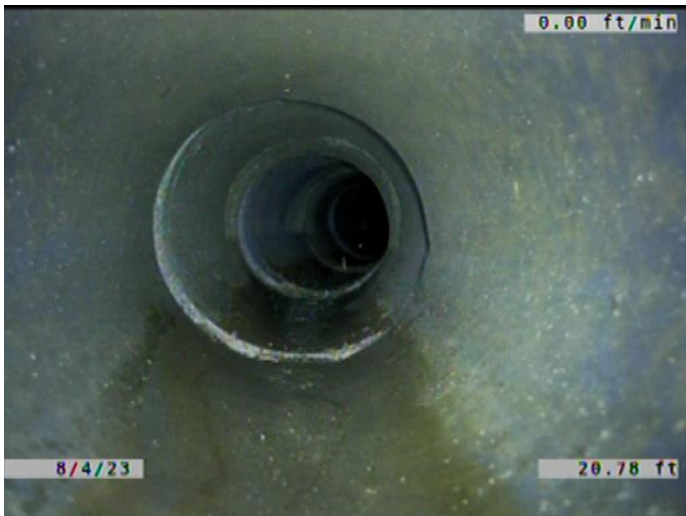
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **6.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



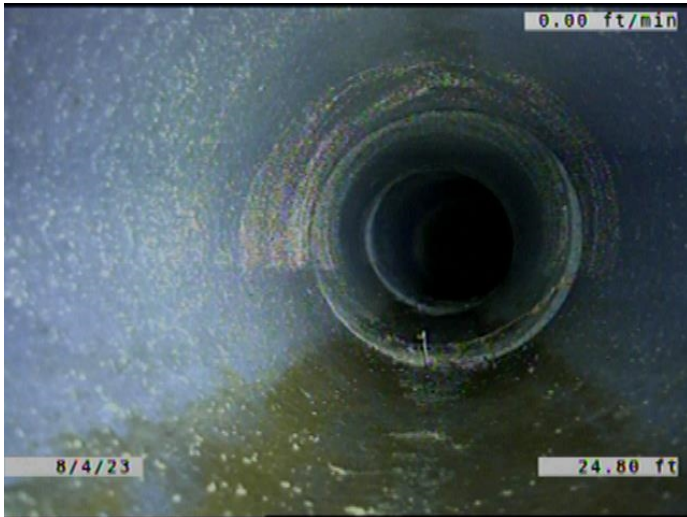
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **10.4**
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:



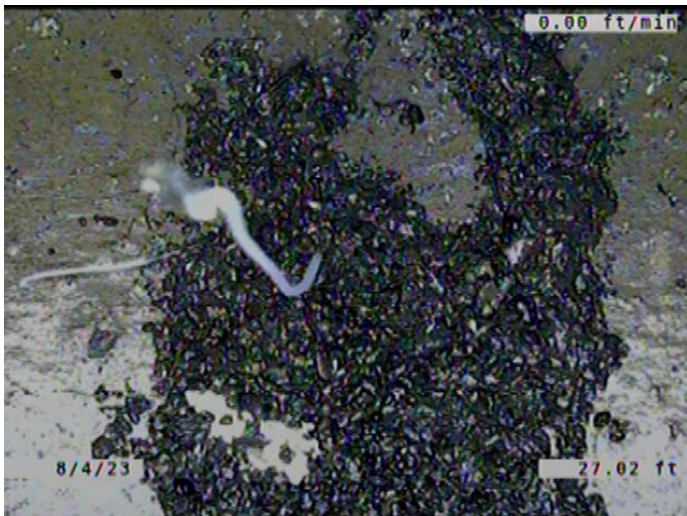
Code: **LL**
Description: **Line Left**

Distance (ft): **20.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



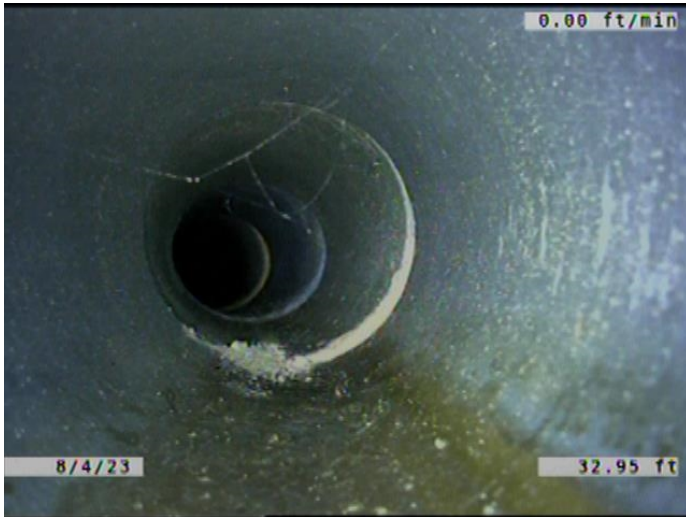
Code: **LR**
Description: **Line Right**

Distance (ft): **24.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



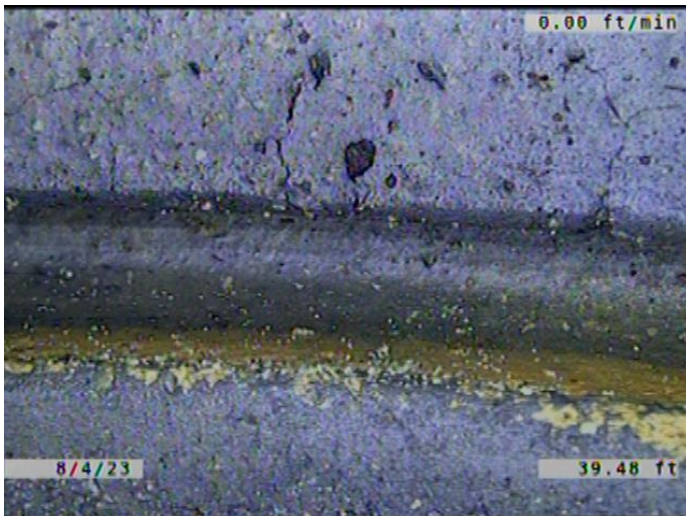
Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **27.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



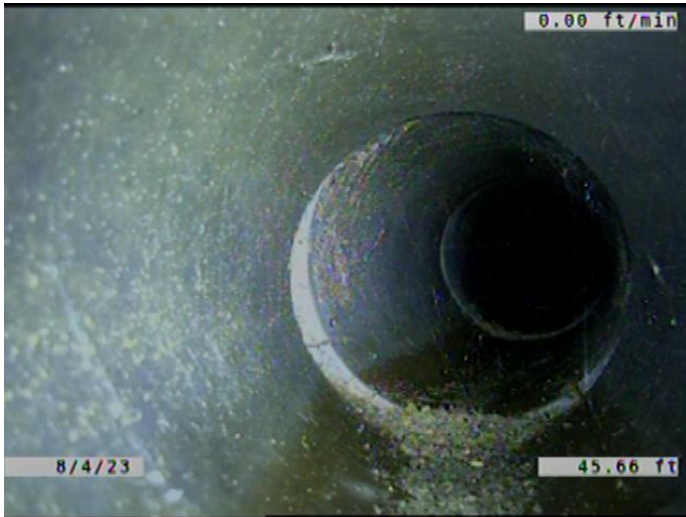
Code: **LL**
Description: **Line Left**

Distance (ft): **32.9**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **39.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



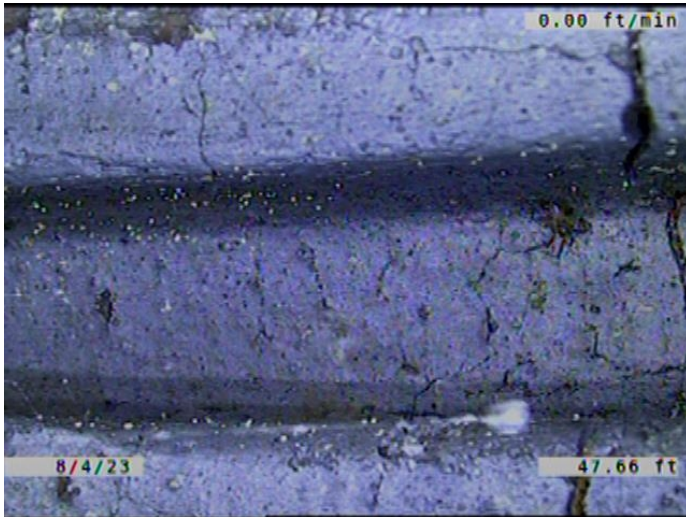
Code: **LR**
Description: **Line Right**

Distance (ft): **45.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



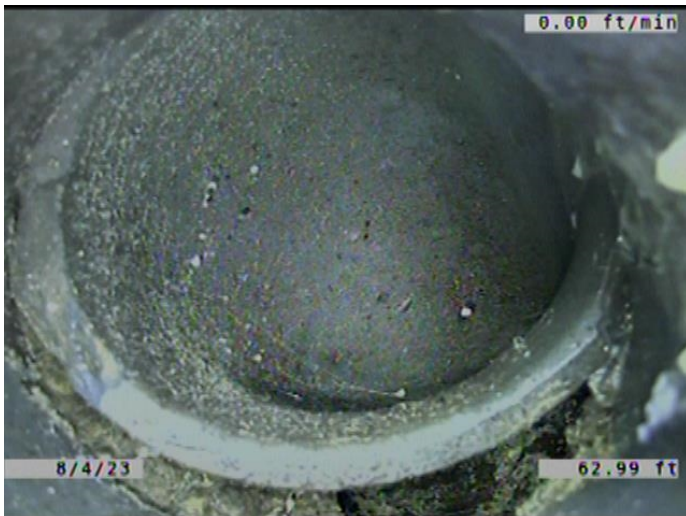
Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **46.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **47.7**
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:



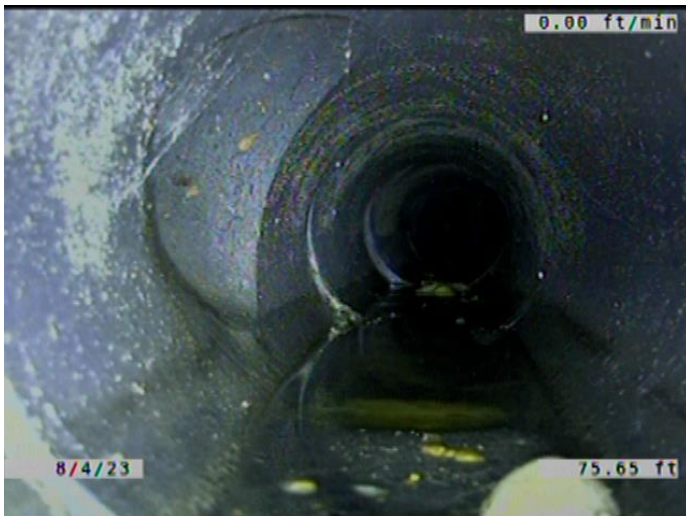
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **63.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP BROKEN. SERVICE BROKEN.,
SERVICE OFFSET. SOIL AND VOID VIS**



Code: **LL**
 Description: **Line Left**

Distance (ft): **68.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **LR**
 Description: **Line Right**

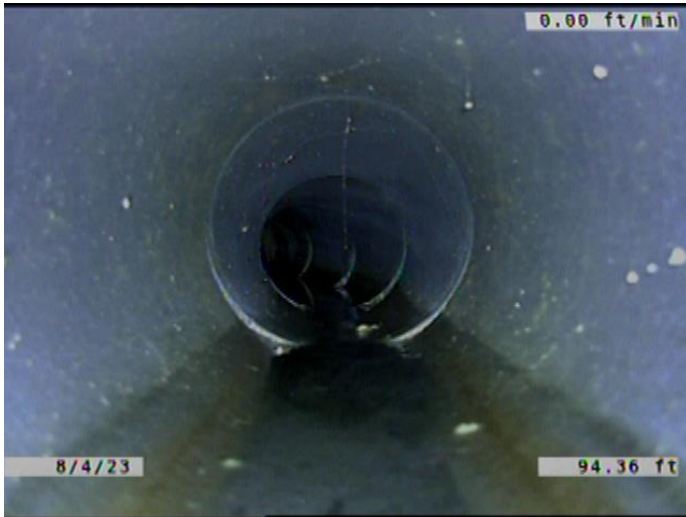
Distance (ft): **75.6**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	77.3
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	10
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	TAP BROKEN. SERVICE BROKEN AND OFFSET. SOIL VISIBLE.

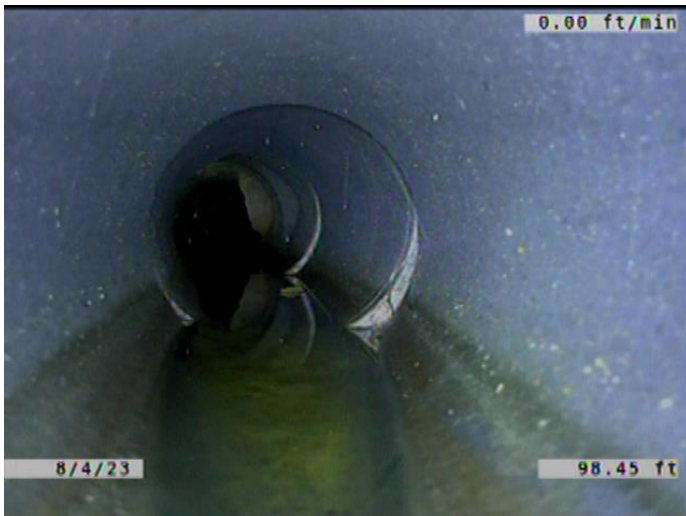


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	82.1
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S03
Within 8" of Joint:	NO
Remarks:	



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **94.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



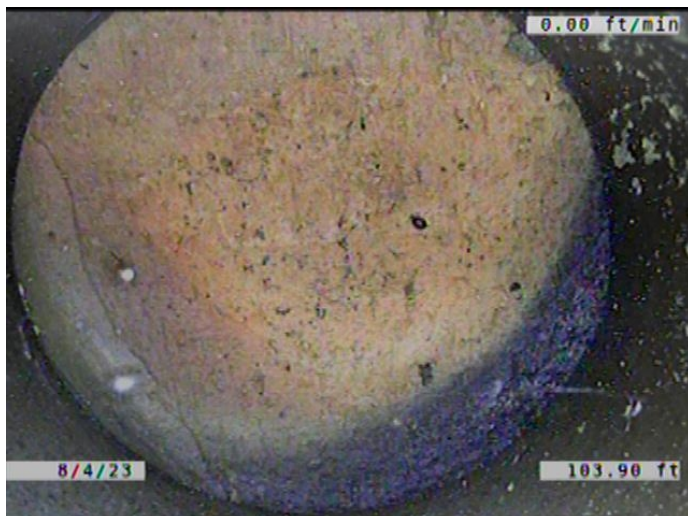
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **98.5**
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**
Remarks:



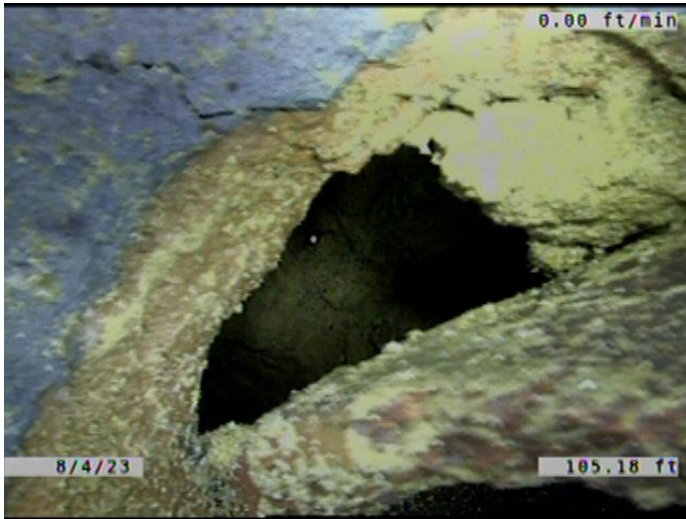
Code: **LL**
Description: **Line Left**

Distance (ft): **98.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



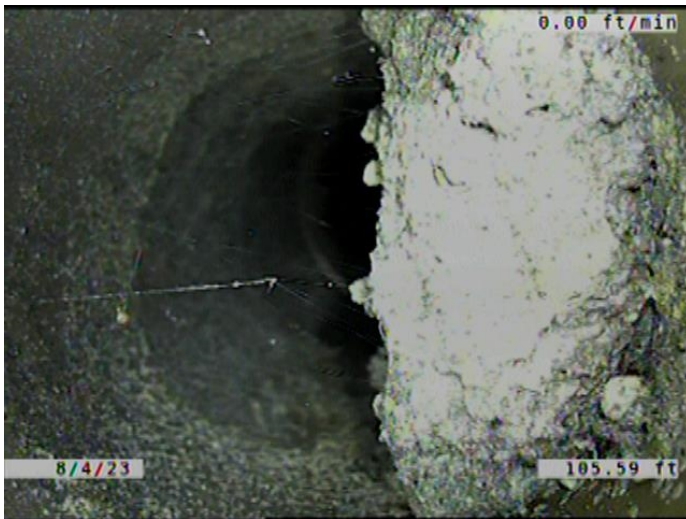
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **103.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **BVV**
Description: **Broken Void Visible**

Distance (ft): **105.2**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



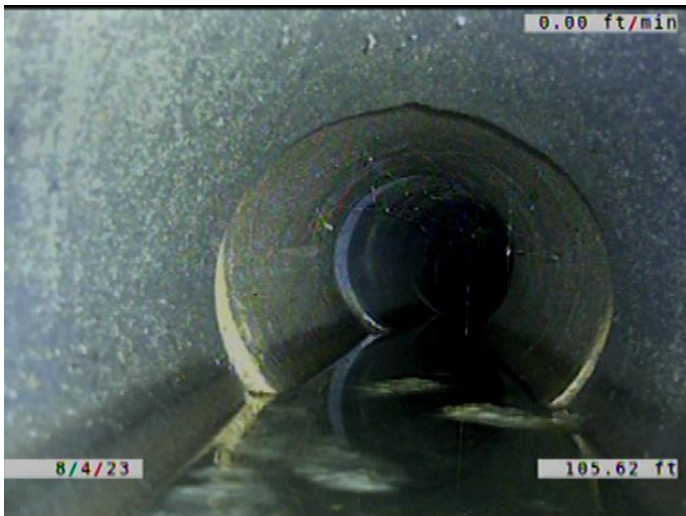
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **105.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To:
1st Value: **6.000**
2nd Value: **3.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **SERVICE BROKEN. MAIN BROKEN. VOID AND SOIL VISIBLE. AROUND T**



Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **105.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **105.6**
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:	MSA
Description:	Miscellaneous Survey Abandoned
Distance (ft):	106.0
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:	CAMERA CANT MAKE IT PAST PROTRUDING TAP.