

Profile/Photo Observation Report




Date:	01/20/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	203.3	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-506-016-015
Customer:	City of Hobart	Clean Date:	01/16/2022	Shape:	C

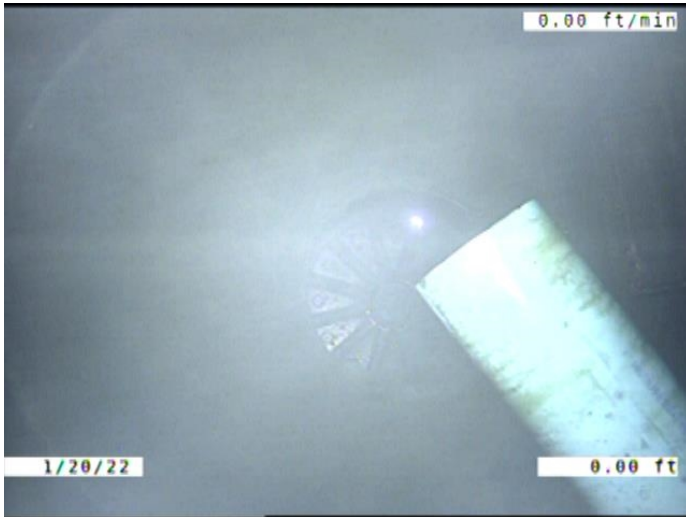
Street:	West 7th Place	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		

Comment:

Location Details:		Direction of Survey:	Downstream
US MH:	M-506-015	DS MH:	M-506-016
		Total Length Surveyed (ft):	203.3

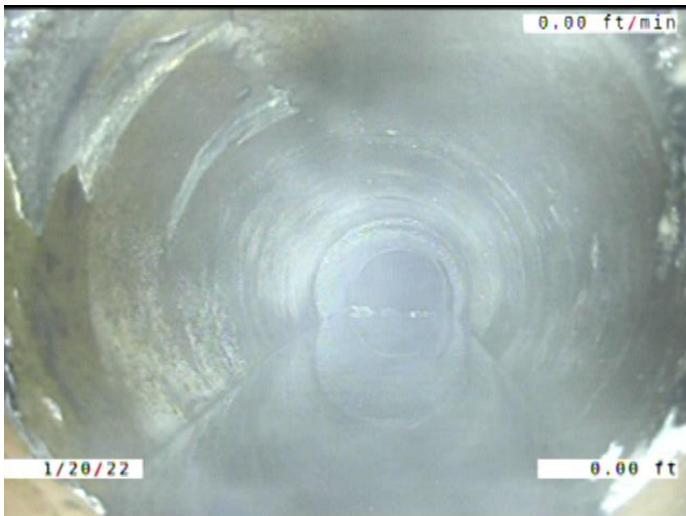
O&M Index:	2.05	O&M Quick:	342N	O&M Rating:	166.00
Structural Index:	2.41	Structural Quick:	4233	Structural Rating:	41.00
Overall Index:	2.11	Overall Quick:	4237	Overall Rating:	207.00

	Position	Code	Observation	Video (sec)	Grade
M-506-015					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	89	NA
	1.0	CL	Crack Longitudinal	122	S 2
	1.0	DAE(S01)	Deposits Attached Encrustation	136	M 2
	6.2	DSZ	Deposits Settled Other	191	M 2
	9.9	TFC	Tap Factory Capped	246	NA
	9.9	DSZ(S02)	Deposits Settled Other	261	M 2
	26.7	DSZ(F02)	Deposits Settled Other	336	M 2
	42.9	DSF(S03)	Deposits Settled Fine	415	M 2
	58.4	MWLS(S04)	Miscellaneous Water Level Sag	486	S 2
	59.7	IDC	Infiltration Dripper Connection	543	M 3
	59.7	TFD	Tap Factory Defective	554	M 3
	65.1	JOM	Joint Offset Medium	601	S 3
	69.9	TF	Tap Factory	647	NA
	85.5	MWLS(F04)	Miscellaneous Water Level Sag	719	S 2
	86.8	DAE	Deposits Attached Encrustation	737	M 3
	102.7	JOM	Joint Offset Medium	845	S 3
	144.3	TF	Tap Factory	1032	NA
	149.9	B	Broken	1109	S 4
	150.2	TFI	Tap Factory Intruding	1127	M 2
	155.3	CS	Crack Spiral	1180	S 2
	155.5	JAM	Joint Angular Medium	1225	S 3
	156.2	MWLS(S05)	Miscellaneous Water Level Sag	1247	S 2
	165.0	MWLS(F05)	Miscellaneous Water Level Sag	1292	S 2
	187.9	MWLS(S06)	Miscellaneous Water Level Sag	1396	S 2
	191.5	JAL	Joint Angular Large	1449	S 4
	196.4	TFD	Tap Factory Defective	1492	M 3
	200.9	DAE(F01)	Deposits Attached Encrustation	1536	M 2
	200.9	DSF(F03)	Deposits Settled Fine	1544	M 2
	200.9	MWLS(F06)	Miscellaneous Water Level Sag	1552	S 2
	203.3	AMH	Manhole	1620	NA
M-506-016					



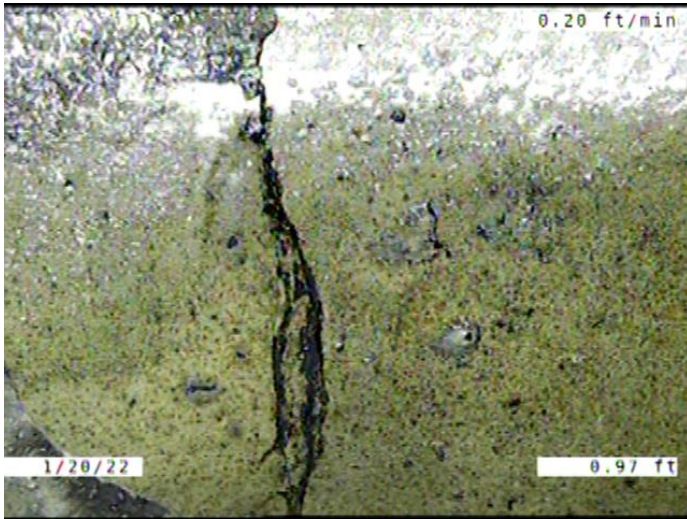
Code: **AMH**
 Description: **Manhole**

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-506-015**



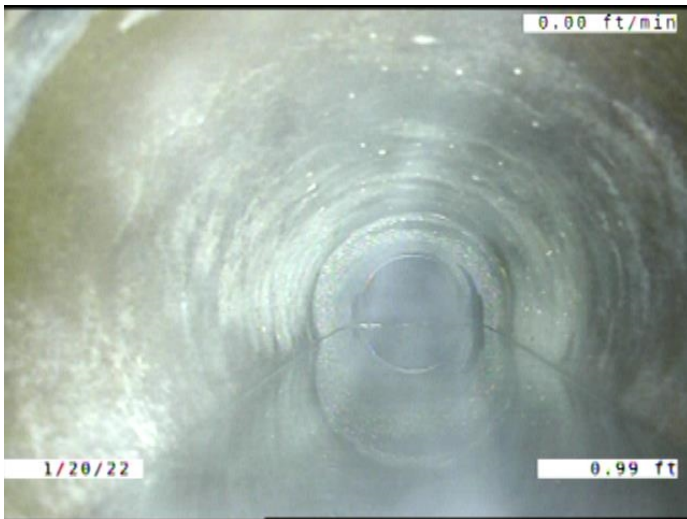
Code: **MWL**
 Description: **Miscellaneous Water Level**

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



Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **1.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

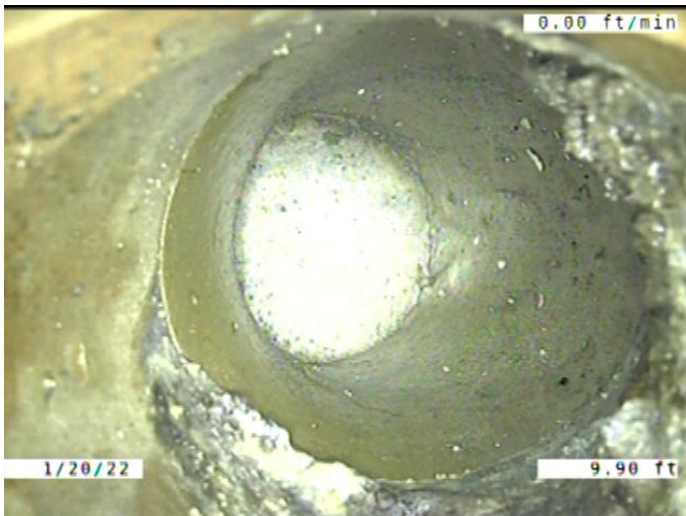


Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **1.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



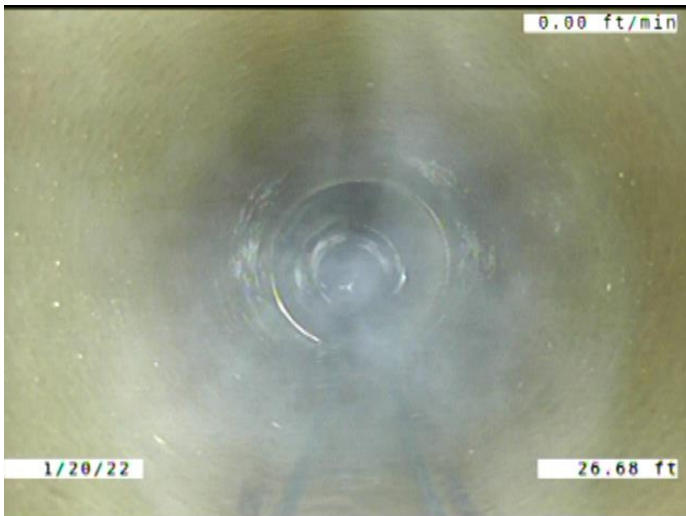
Code:	DSZ
Description:	Deposits Settled Other
Distance (ft):	6.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	PIECES OF ENCRUSTATION THAT HAVE BEEN BROKEN OFF THE PIPE



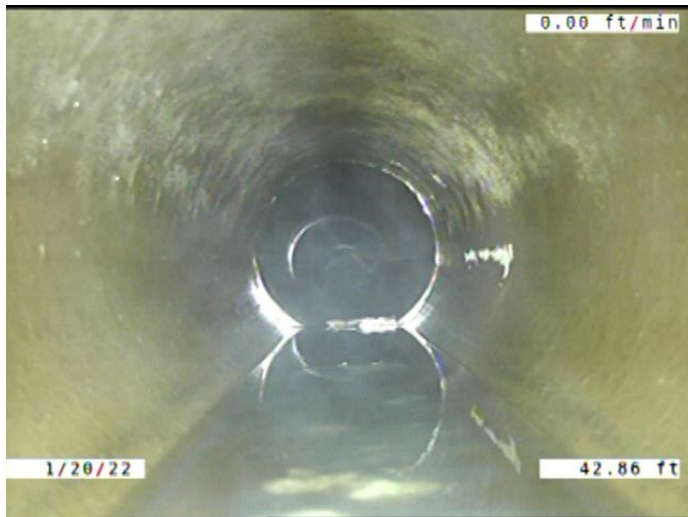
Code:	TFC
Description:	Tap Factory Capped
Distance (ft):	9.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ENCRUSTATION COMING FROM THE SERVICE TO MAIN CONNECTION.



Code:	DSZ
Description:	Deposits Settled Other
Distance (ft):	9.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S02
Within 8" of Joint:	YES
Remarks:	PIECES OF ENCRUSTATION THAT HAVE BEEN BROKEN OFF THE PIPE



Code:	DSZ
Description:	Deposits Settled Other
Distance (ft):	26.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	5
Clock To:	7
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F02
Within 8" of Joint:	YES
Remarks:	PIECES OF ENCRUSTATION THAT HAVE BEEN BROKEN OFF THE PIPE



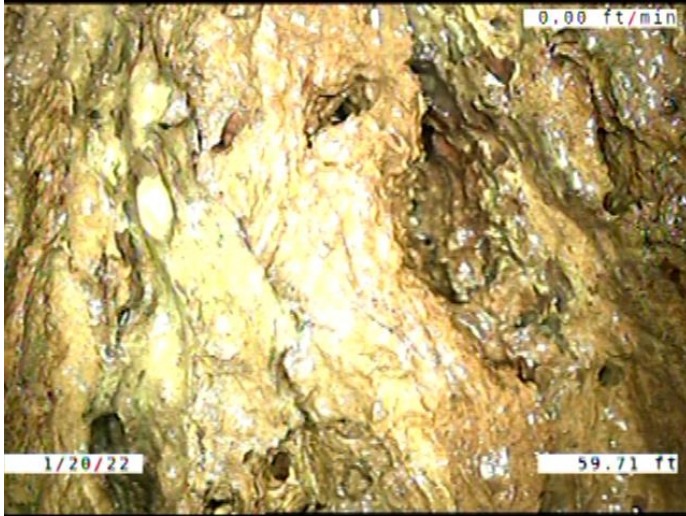
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **42.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



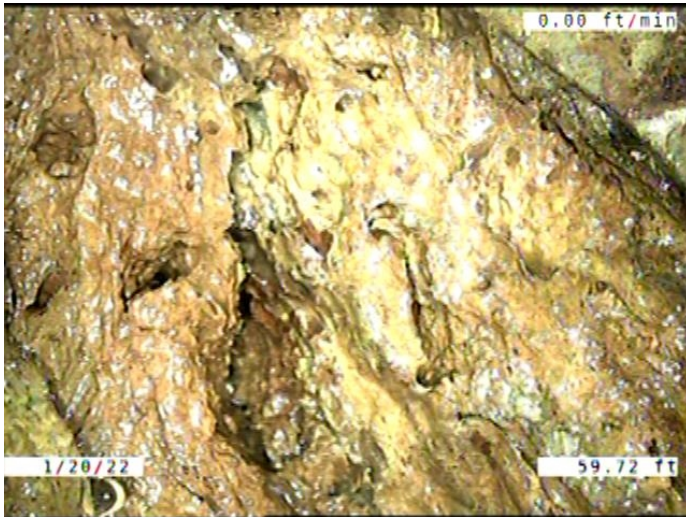
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **58.4**
 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:



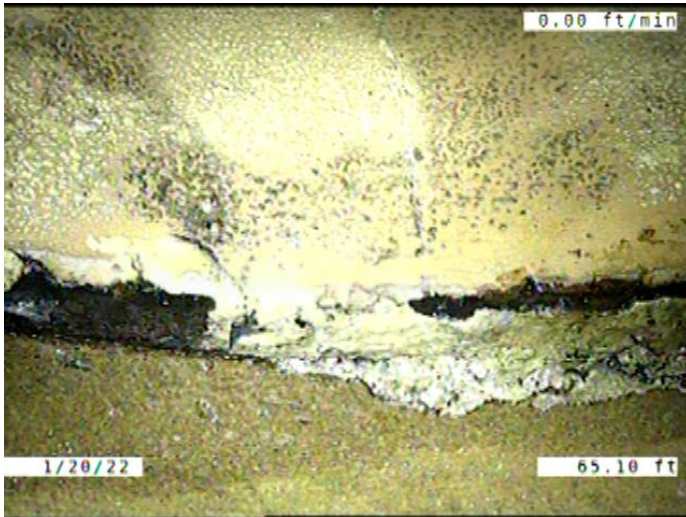
Code: **IDC**
Description: **Infiltration Dripper Connection**

Distance (ft): **59.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



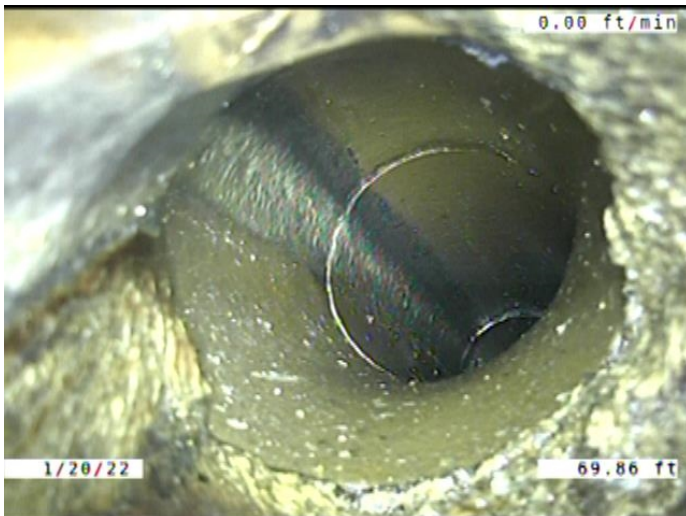
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **59.7**
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: **100% PLUGGED WITH ENCRUSTATION.**



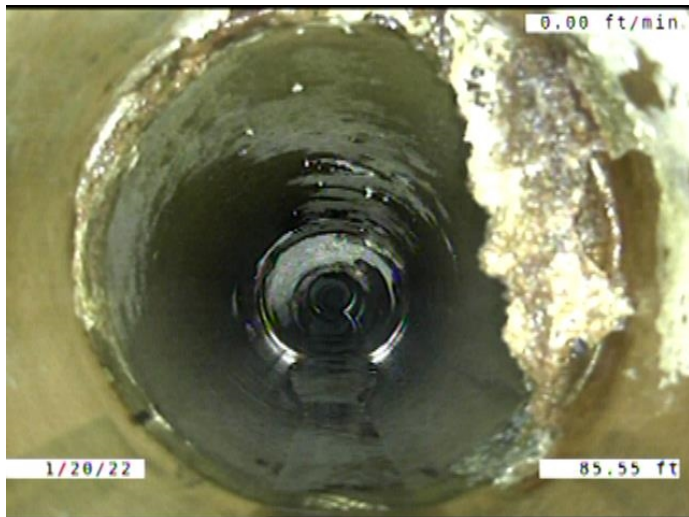
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **65.1**
 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:



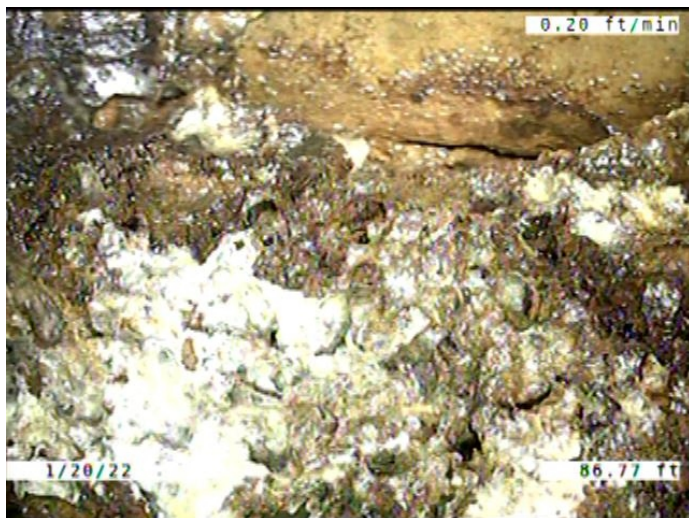
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **69.9**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION.**



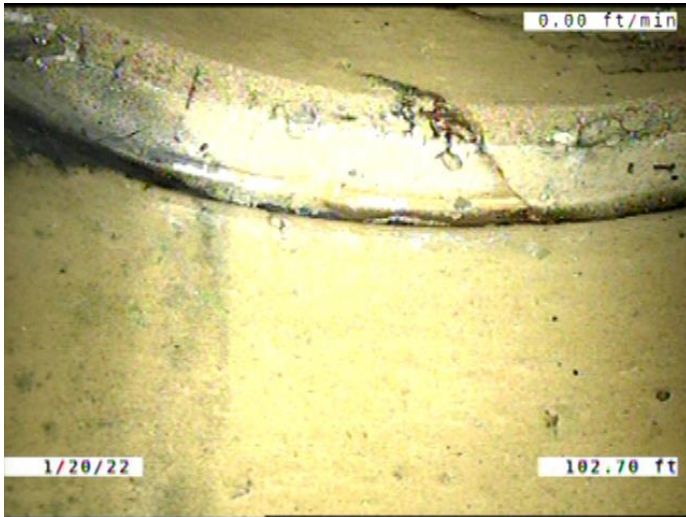
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **85.5**
 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:



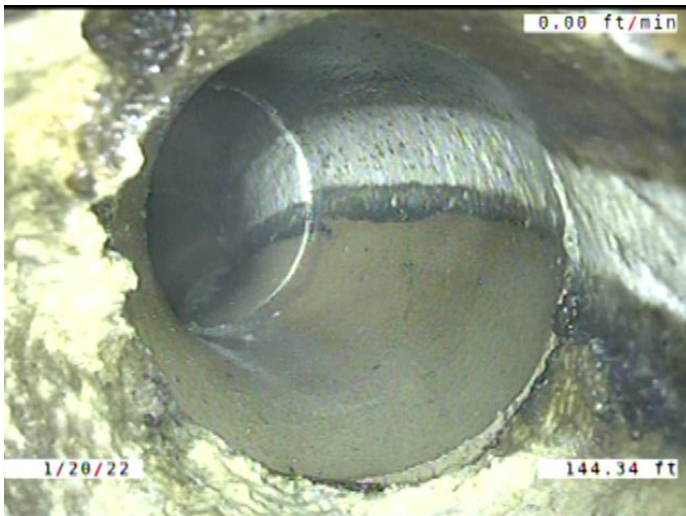
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **86.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



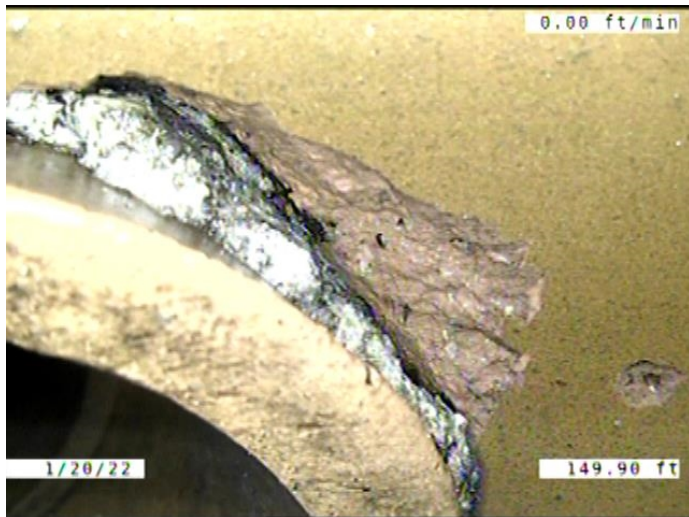
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **102.7**
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:



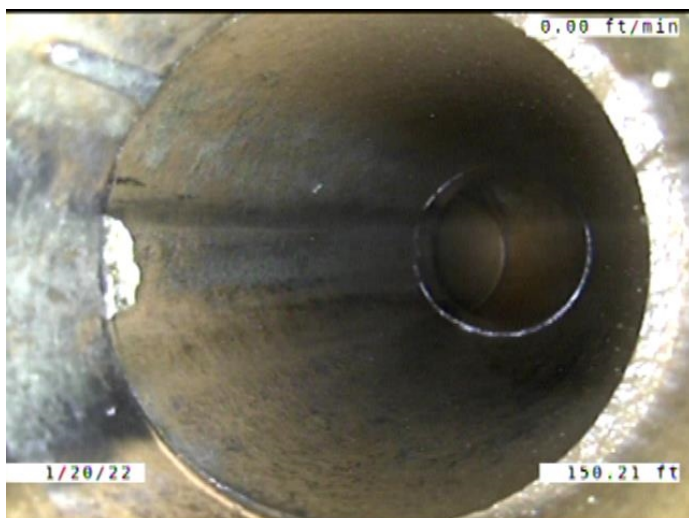
Code: **TF**
Description: **Tap Factory**

Distance (ft): **144.3**
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: **ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION.**



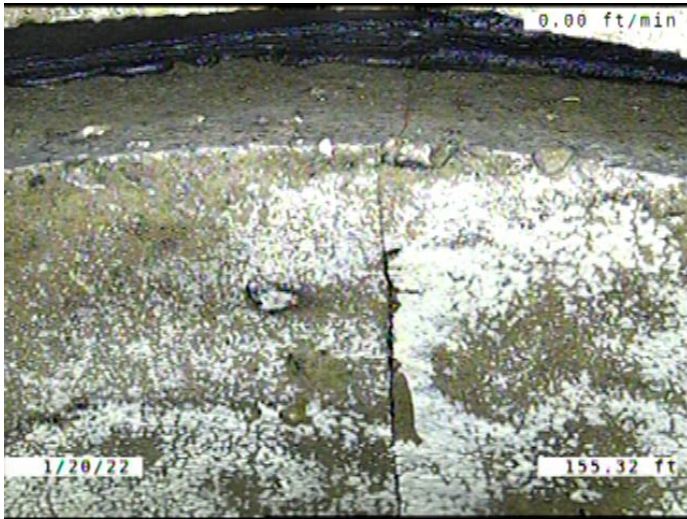
Code: **B**
 Description: **Broken**

Distance (ft): **149.9**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



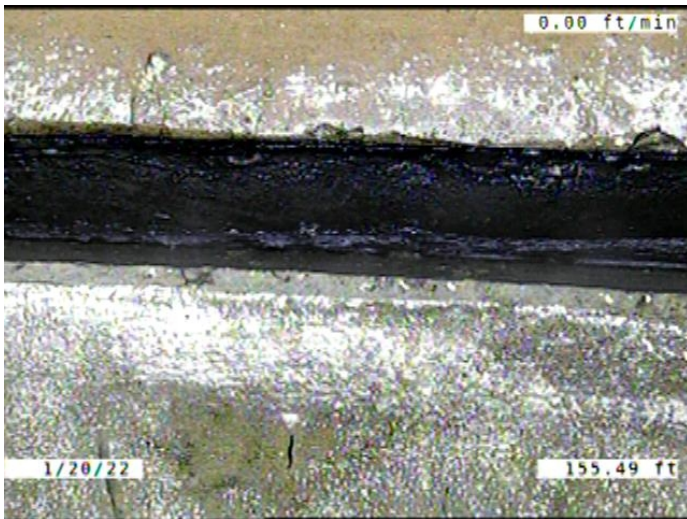
Code: **TFI**
 Description: **Tap Factory Intruding**

Distance (ft): **150.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **10**
 Clock To:
 1st Value: **4.000**
 2nd Value: **2.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



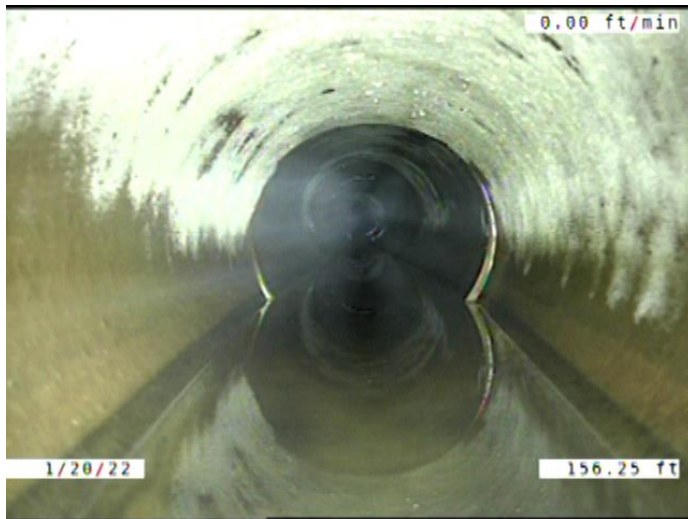
Code: **CS**
 Description: **Crack Spiral**

Distance (ft): **155.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



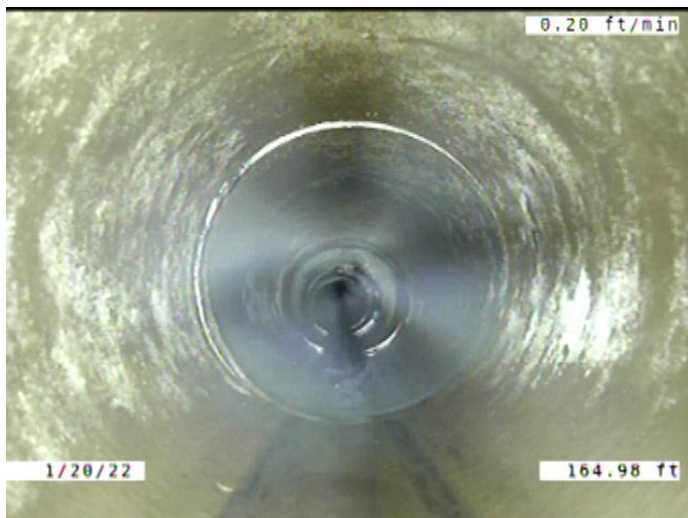
Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **155.5**
 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:



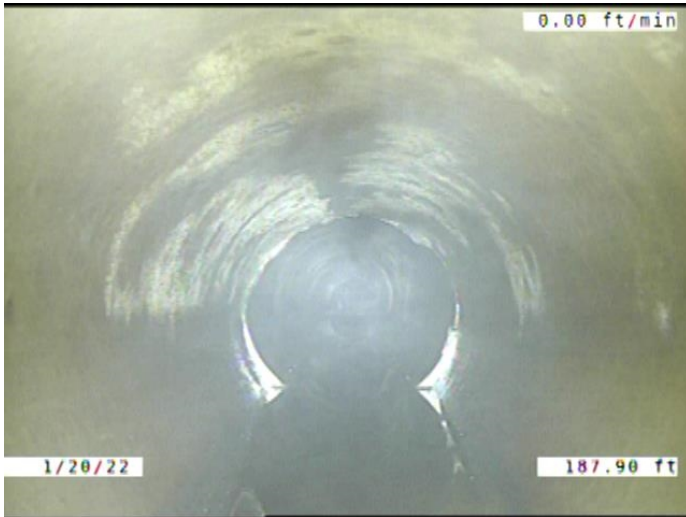
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **156.2**
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**
Remarks:



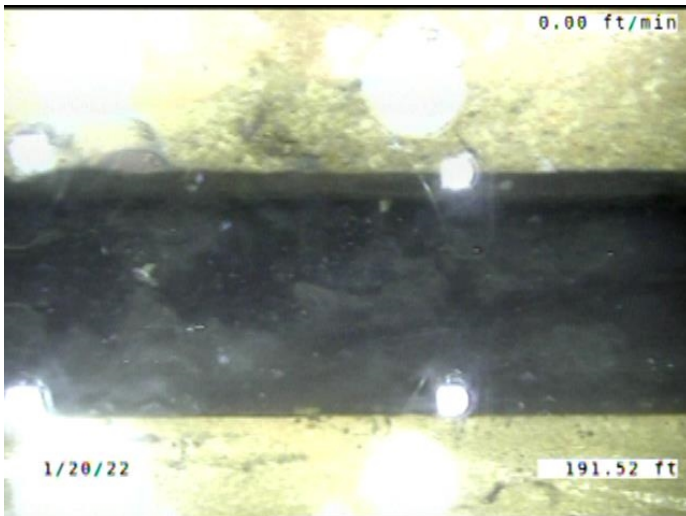
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **165.0**
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:



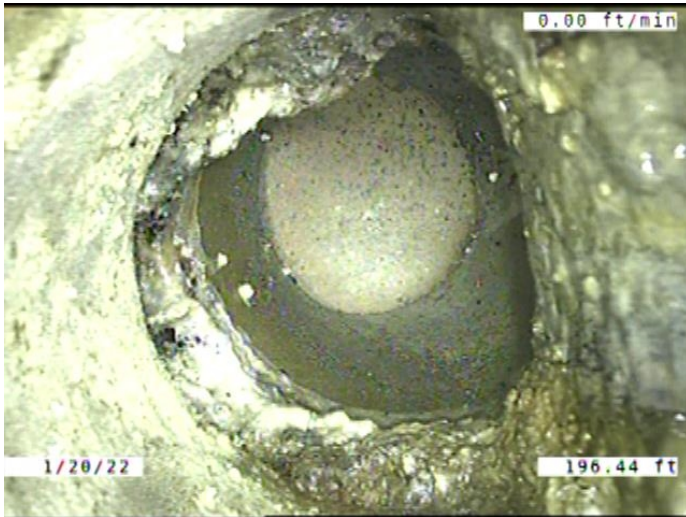
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **187.9**
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:

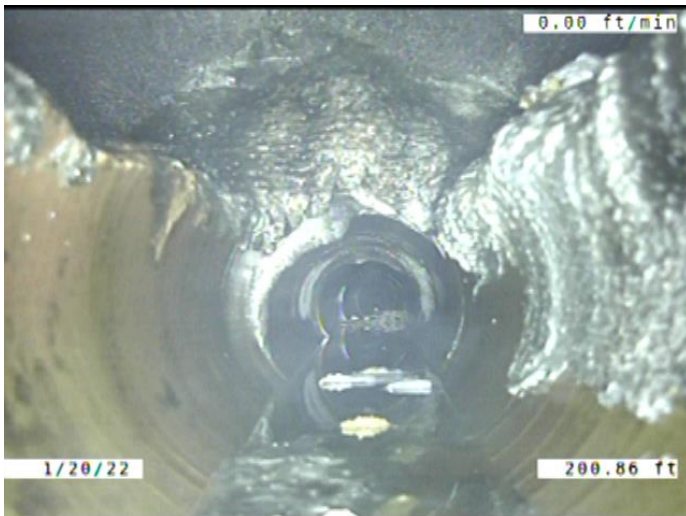


Code: **JAL**
Description: **Joint Angular Large**

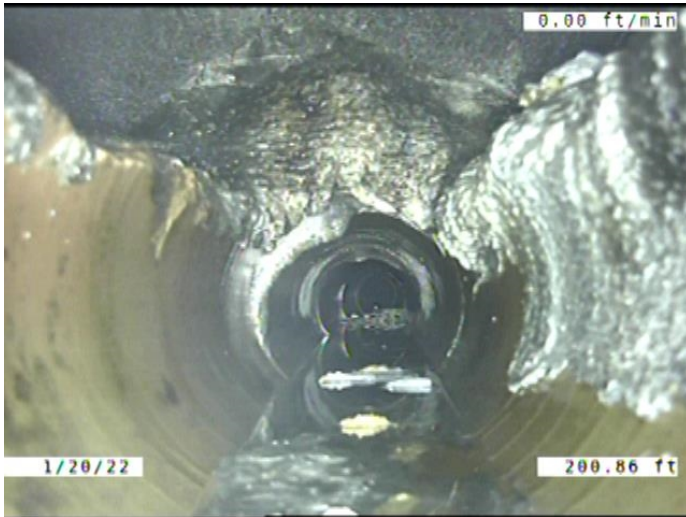
Distance (ft): **191.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	196.4
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	CAPPED. ENCRUSTATION COMING FROM THE SERVICE TO MAIN CONN

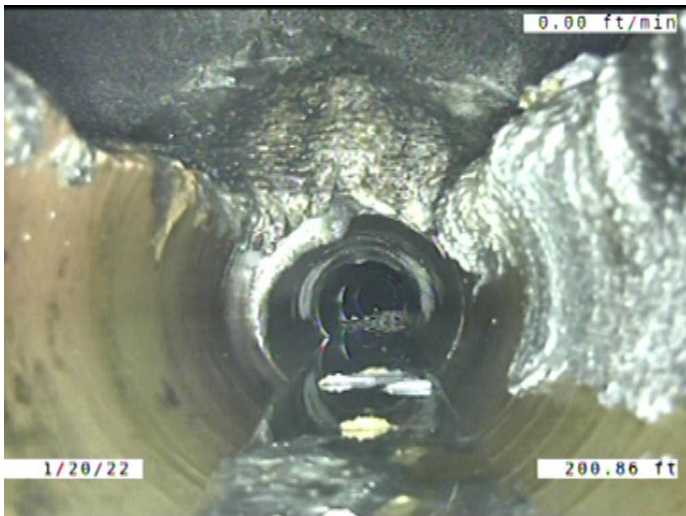


Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	200.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	



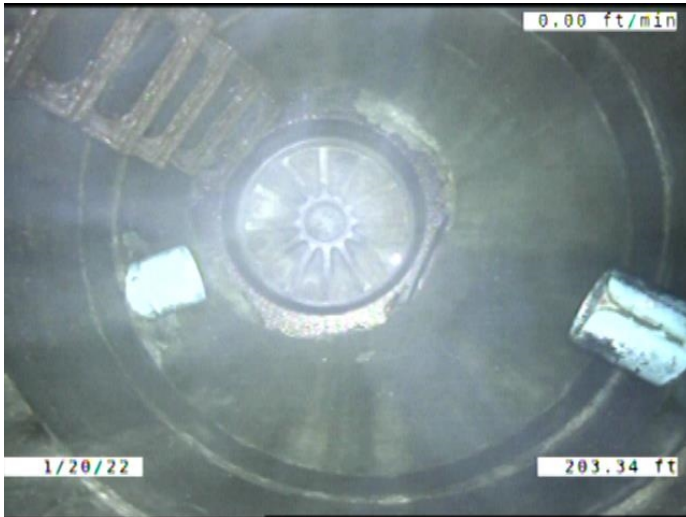
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **200.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **200.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	203.3
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-506-016