

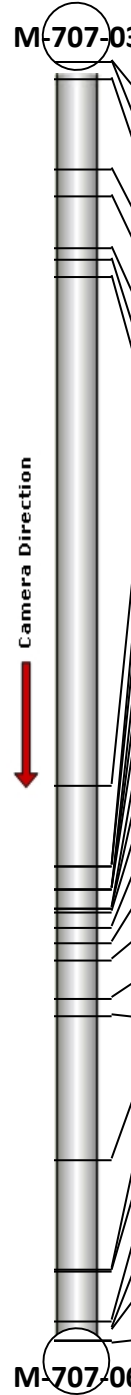
Profile/Photo Observation Report

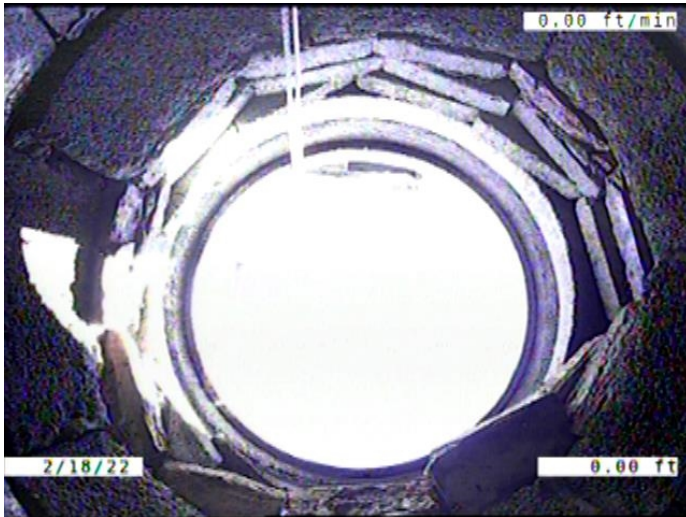


Date:	02/18/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	390.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-707-063-039
Customer:	City of Hobart	Clean Date:	02/16/2022	Shape:	C

Street:	East 11th Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-707-039	DS MH:	M-707-063
		Total Length Surveyed (ft):	197.4

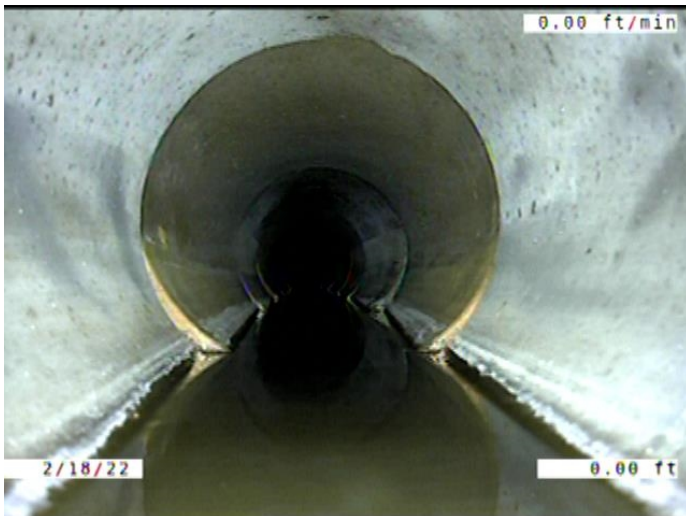
O&M Index:	2.60	O&M Quick:	4222	O&M Rating:	13.00
Structural Index:	3.59	Structural Quick:	514F	Structural Rating:	208.00
Overall Index:	3.51	Overall Quick:	514F	Overall Rating:	221.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	90	NA
	4.3	CM(S01)	Crack Multiple	209	S 3
	16.6	B	Broken	354	S 4
	22.6	B	Broken	405	S 4
	28.7	B(S02)	Broken	509	S 4
	30.6	CM(F01)	Crack Multiple	538	S 3
	34.8	BSV	Broken Soil Visible	584	S 5
	113.3	MWLS(S03)	Miscellaneous Water Level Sag	904	S 3
	125.7	B(F02)	Broken	981	S 4
	125.8	MCU	Miscellaneous Camera Underwater	985	M 4
	129.3	SSS	Surface Damage Surface Spalling	1037	S 2
	129.3	CL	Crack Longitudinal	1037	S 2
	129.3	MCU(S04)	Miscellaneous Camera Underwater	1041	M 4
	132.2	SSS	Surface Damage Surface Spalling	1075	S 2
	132.2	FM	Fracture Multiple	1075	S 4
	133.0	MCU(F04)	Miscellaneous Camera Underwater	1097	M 4
	135.3	FM	Fracture Multiple	1138	S 4
	137.5	FM	Fracture Multiple	1170	S 4
	140.3	FM	Fracture Multiple	1204	S 4
	146.1	B	Broken	1245	S 4
	149.0	FM(S05)	Fracture Multiple	1259	S 4
	171.0	MWLS(F03)	Miscellaneous Water Level Sag	1349	S 3
	187.9	SSS	Surface Damage Surface Spalling	1470	S 2
	188.3	TBI	Tap Break-in Intruding	1490	M 2
	196.0	RFJ	Roots Fine Joint	1569	M 1
	197.2	TBI	Tap Break-in Intruding	1655	M 2
	197.4	FM(F05)	Fracture Multiple	1702	S 4
	197.4	MSA	Miscellaneous Survey Abandoned	1703	NA



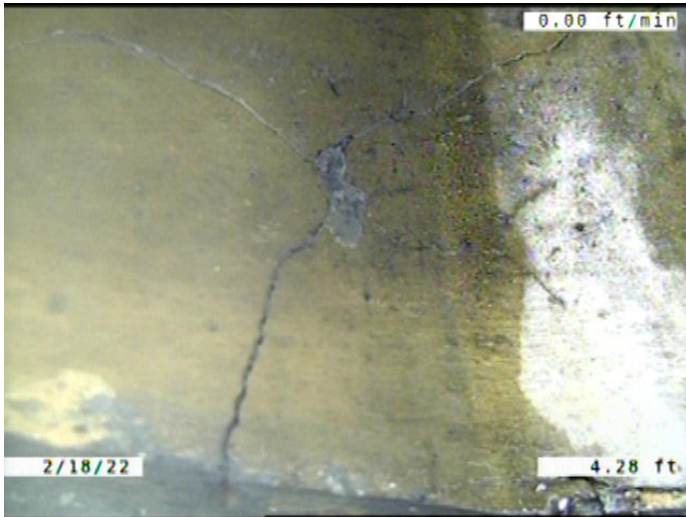
Code: **AMH**
 Description: **Manhole**

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-707-039**



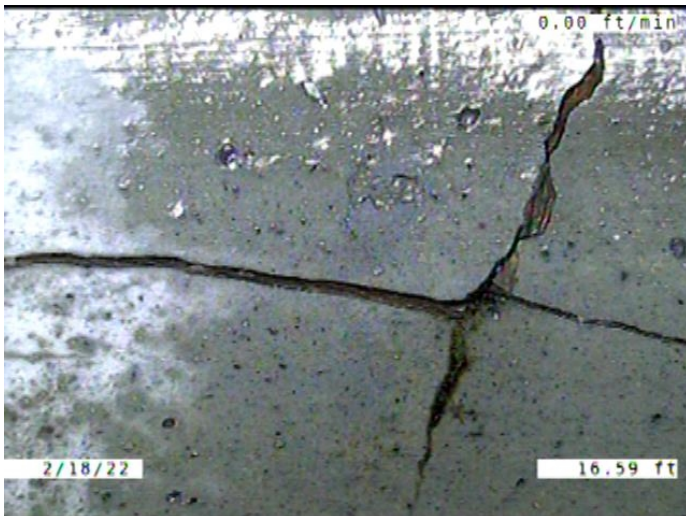
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



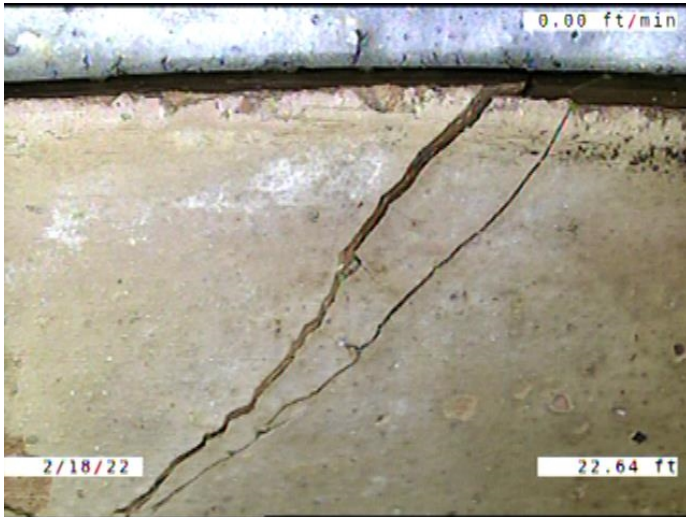
Code: **CM**
 Description: **Crack Multiple**

Distance (ft): **4.3**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S01**
 Within 8" of Joint: **YES**
 Remarks:



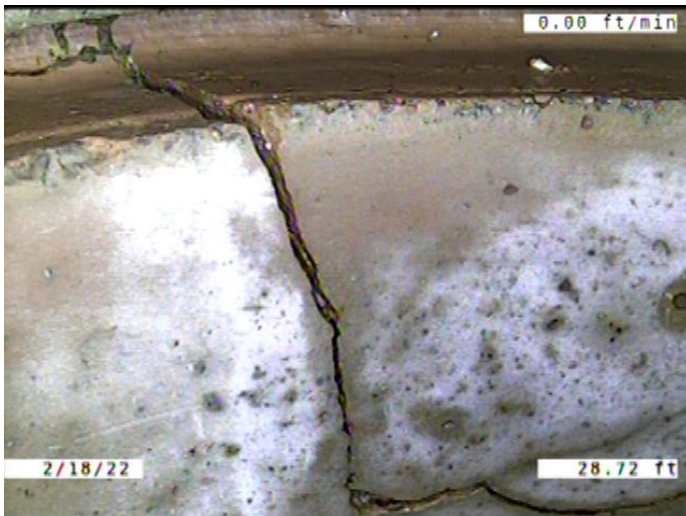
Code: **B**
 Description: **Broken**

Distance (ft): **16.6**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



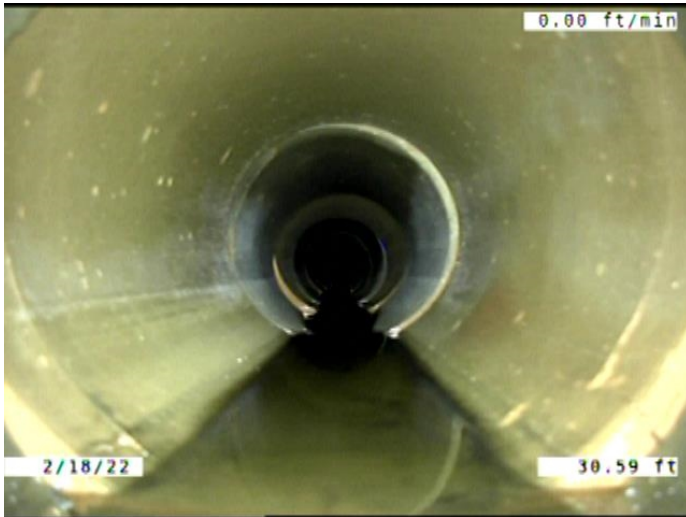
Code: **B**
Description: **Broken**

Distance (ft): **22.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



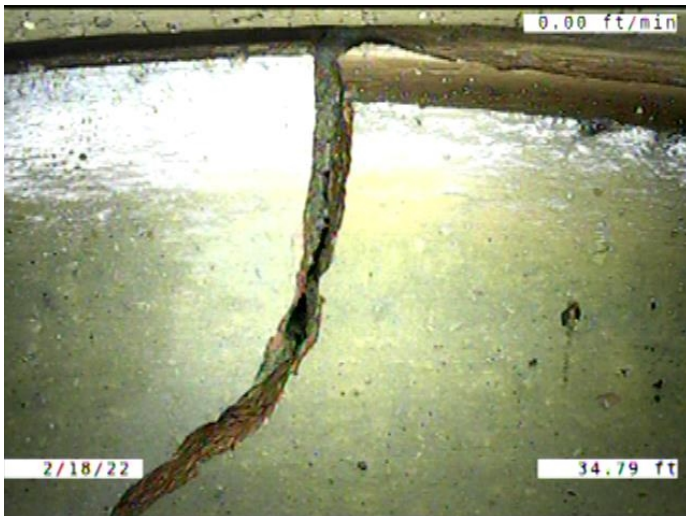
Code: **B**
Description: **Broken**

Distance (ft): **28.7**
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: **CM**
Description: **Crack Multiple**

Distance (ft): **30.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



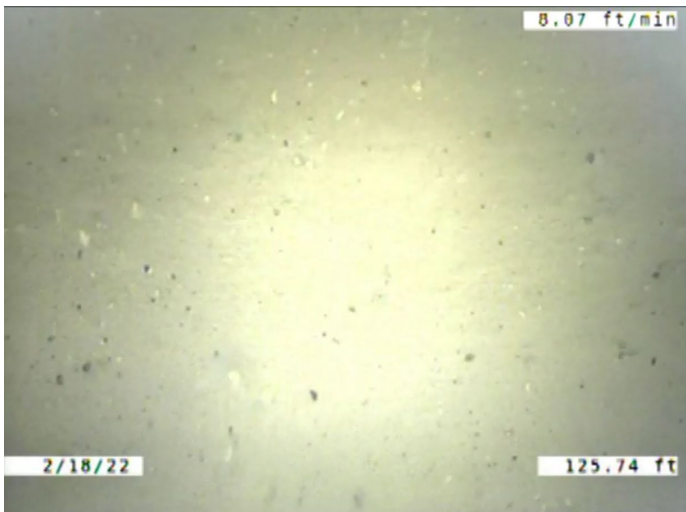
Code: **BSV**
Description: **Broken Soil Visible**

Distance (ft): **34.8**
Structural Grade: **5**
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:



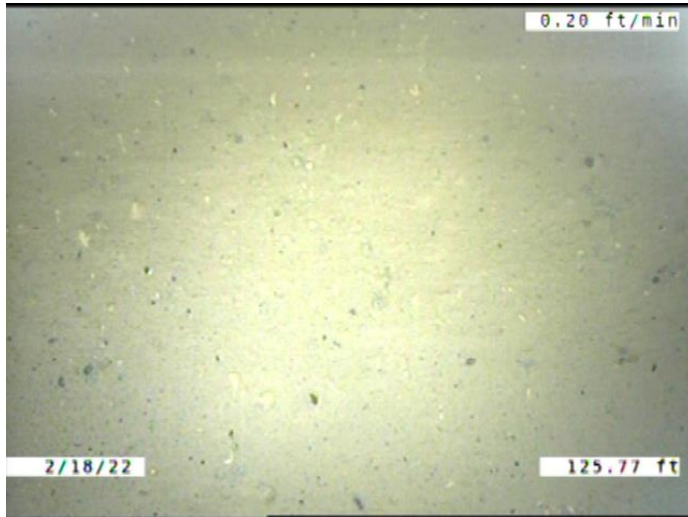
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **113.3**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **125.7**
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: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **125.8**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



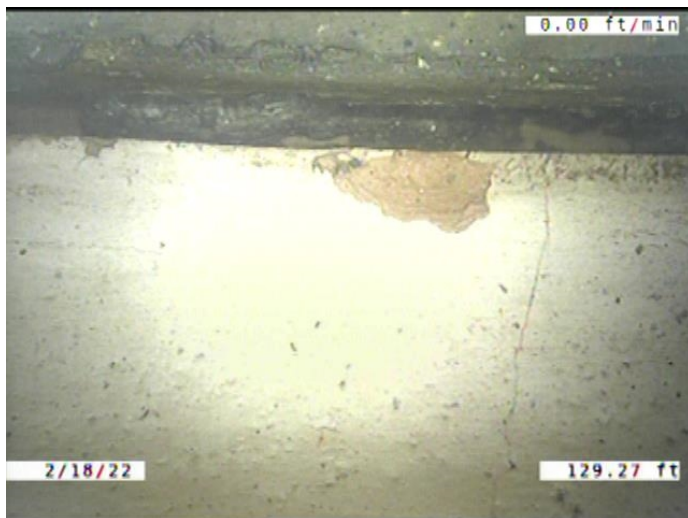
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **129.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **Visible through water**



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

Distance (ft): **129.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **Visible through water**



Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **129.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



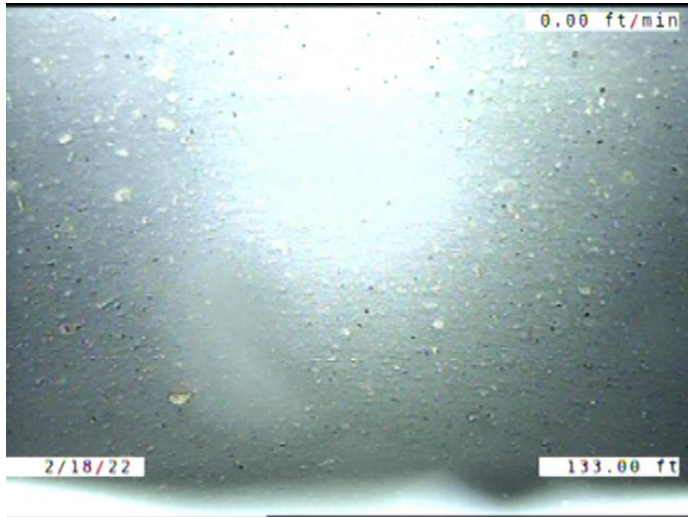
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **132.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **Visible through water**

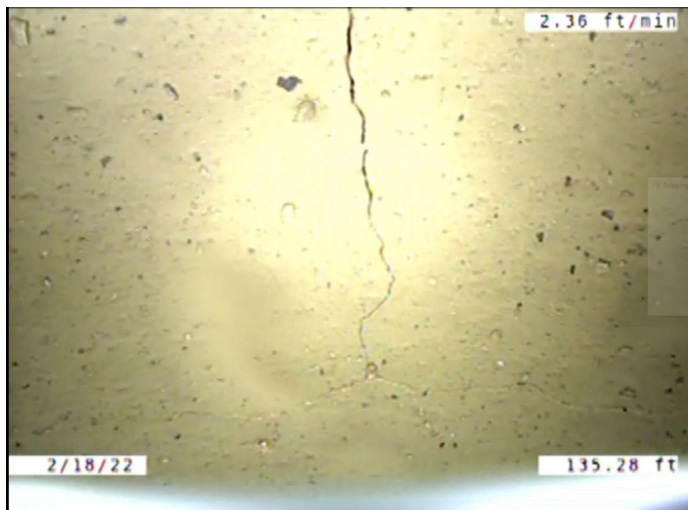


Code: **FM**
Description: **Fracture Multiple**

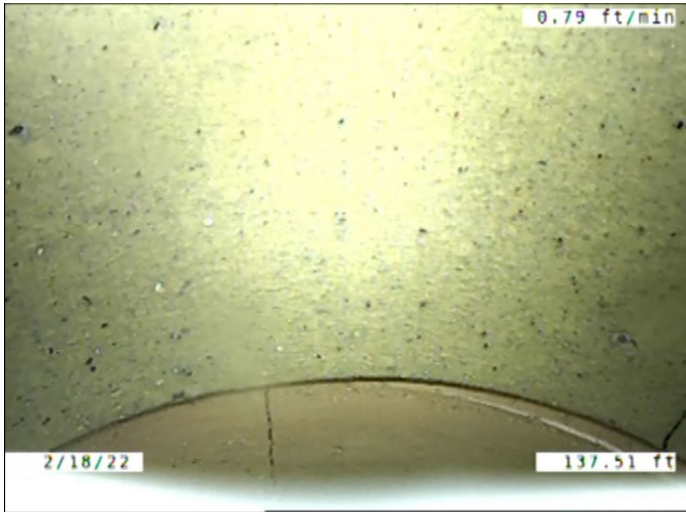
Distance (ft): **132.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **Visible through water**



Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	133.0
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F04
Within 8" of Joint:	NO
Remarks:	

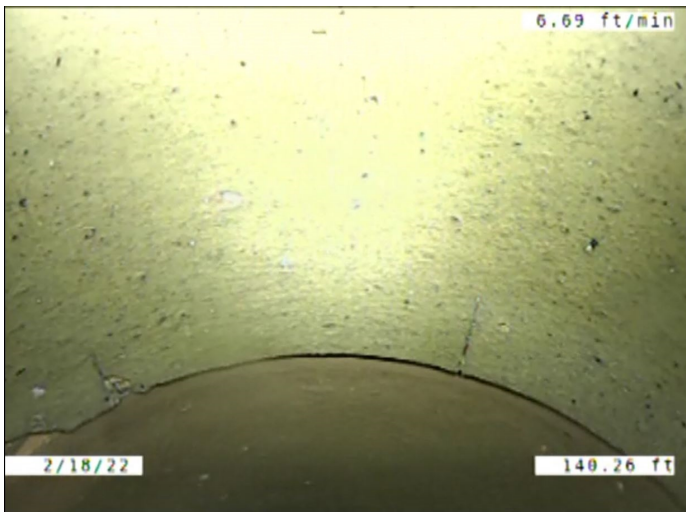


Code:	FM
Description:	Fracture Multiple
Distance (ft):	135.3
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



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

Distance (ft): **137.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **140.3**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



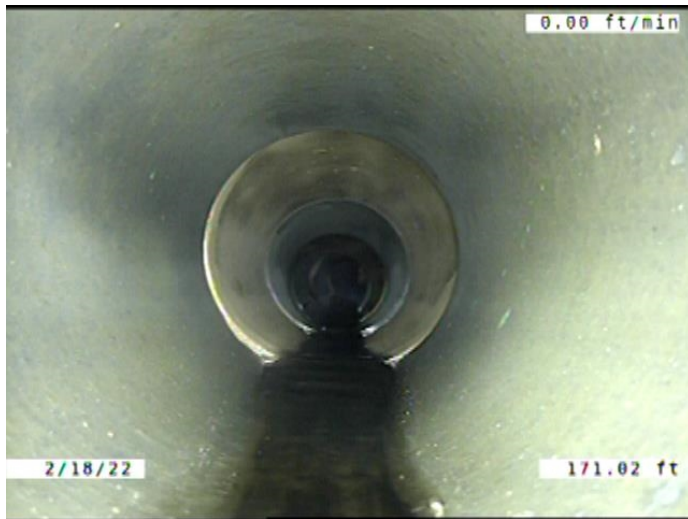
Code: **B**
 Description: **Broken**

Distance (ft): **146.1**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



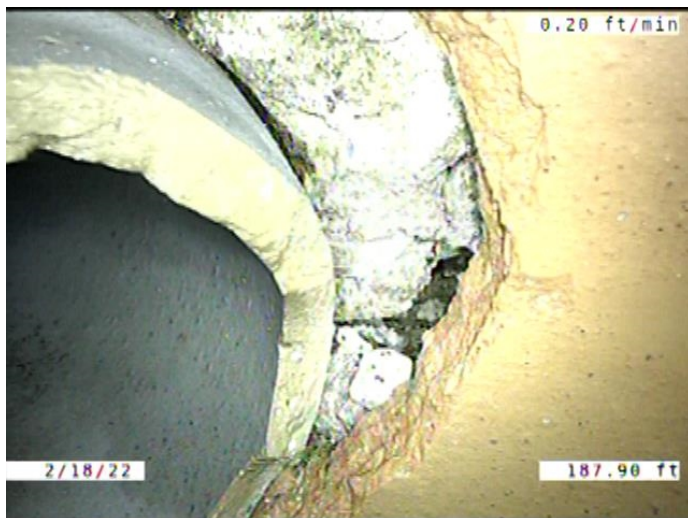
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **149.0**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S05**
 Within 8" of Joint: **YES**
 Remarks: **Wandering**



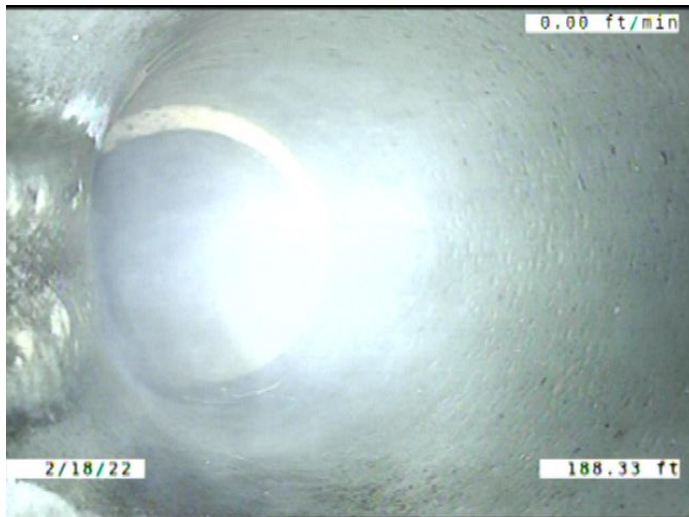
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **171.0**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **50.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **187.9**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



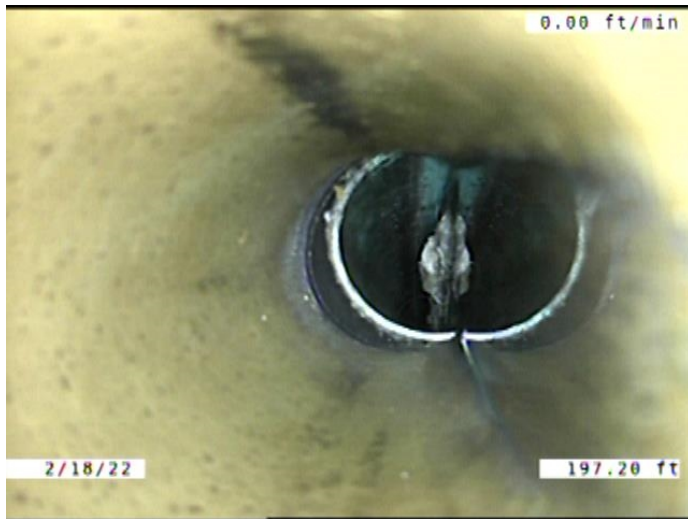
Code: **TBI**
Description: **Tap Break-in Intruding**

Distance (ft): **188.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **6.000**
2nd Value: **1.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CONSTANTLY RUNNING WATER.**



Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **196.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



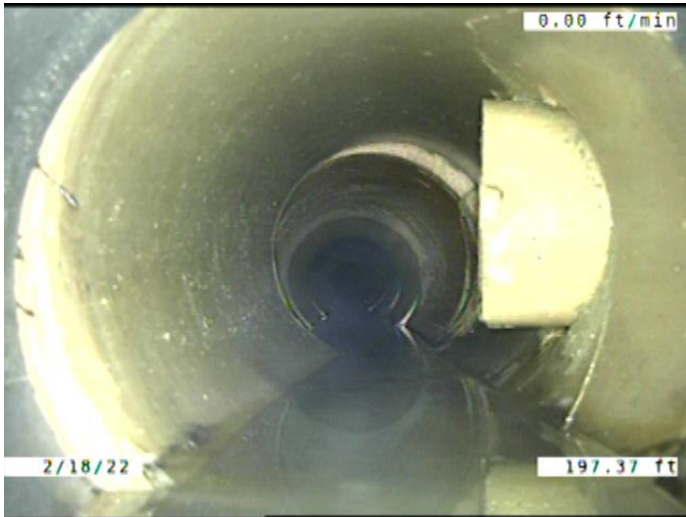
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **197.2**
 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:



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

Distance (ft): **197.4**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F05**
 Within 8" of Joint: **YES**
 Remarks: **Wandering**



Code: **MSA**
Description: **Miscellaneous Survey Abandoned**

Distance (ft): **197.4**
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: **CAMERA CANT MAKE IT PAST PROTRUDING TAP.**