

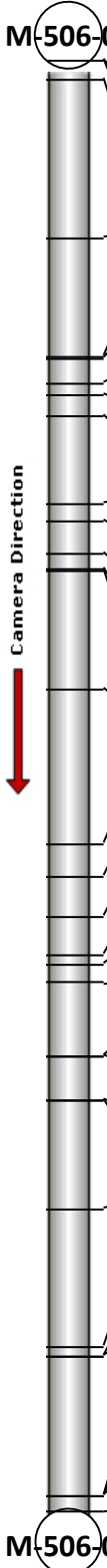
Profile/Photo Observation Report

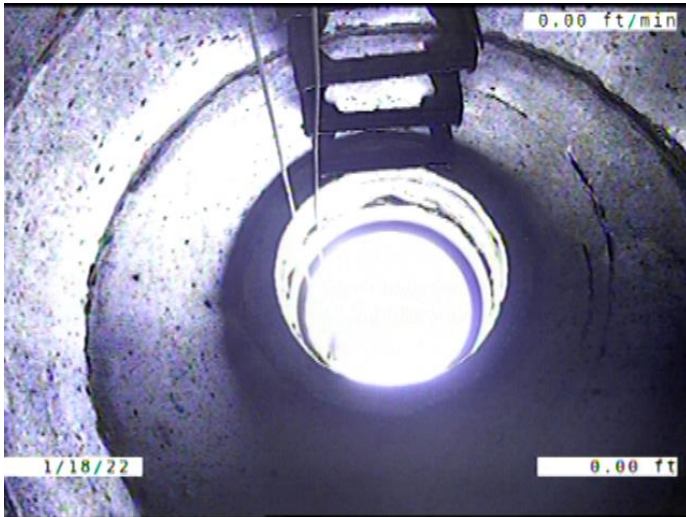


Date:	01/18/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	189.5	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-506-024-023
Customer:	City of Hobart	Clean Date:	01/16/2021	Shape:	C

Street:	River Terrace	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	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-506-024	DS MH:	M-506-023
		Total Length Surveyed (ft):	189.5

O&M Index:	2.02	O&M Quick:	4132	O&M Rating:	115.00
Structural Index:	2.14	Structural Quick:	4131	Structural Rating:	45.00
Overall Index:	2.05	Overall Quick:	4233	Overall Rating:	160.00

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>	M-506-024				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	70	NA
	2.4	DAE(S01)	Deposits Attached Encrustation	120	M 2
	23.3	CS	Crack Spiral	260	S 2
	38.8	B	Broken	355	S 4
	39.0	TB	Tap Break-in/Hammer	371	NA
	42.3	LD	Line Down	465	M 1
	43.6	MWLS(S02)	Miscellaneous Water Level Sag	492	S 2
	46.4	JAM	Joint Angular Medium	542	S 3
	58.0	MMC	Miscellaneous Material Change	628	NA
	60.2	TF	Tap Factory	659	NA
	64.3	TF	Tap Factory	693	NA
	66.5	MMC	Miscellaneous Material Change	748	NA
	66.6	MGO	Miscellaneous General Observation	760	NA
	82.1	MWLS(F02)	Miscellaneous Water Level Sag	835	S 2
	102.4	MWLS(S03)	Miscellaneous Water Level Sag	913	S 2
	106.7	OBZ	Obstruction Other	972	M 2
	111.9	TF	Tap Factory	1023	NA
	116.9	IRC	Infiltration Runner Connection	1070	M 4
	118.0	TF	Tap Factory	1104	NA
	120.3	DSF(S04)	Deposits Settled Fine	1133	M 2
	130.0	MWLS(F03)	Miscellaneous Water Level Sag	1182	S 2
	130.0	LD	Line Down	1192	M 1
	135.8	RFL	Roots Fine Lateral	1232	M 1
	135.9	TFD	Tap Factory Defective	1242	M 3
	150.1	TF	Tap Factory	1333	NA
	168.0	TF	Tap Factory	1447	NA
	169.3	MWLS(S05)	Miscellaneous Water Level Sag	0	S 2
	169.3	IDJ	Infiltration Dripper Joint	23	M 3
	187.6	DSF(F04)	Deposits Settled Fine	149	M 2
	187.6	MWLS(F05)	Miscellaneous Water Level Sag	156	S 2
	187.6	DAE(F01)	Deposits Attached Encrustation	164	M 2
	189.5	AMH	Manhole	257	NA
	M-506-023				



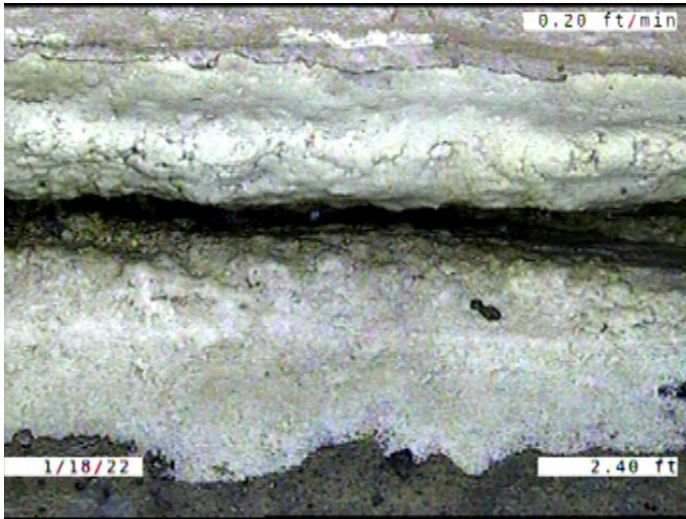
Code: **AMH**
 Description: **Manhole**

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-506-024**



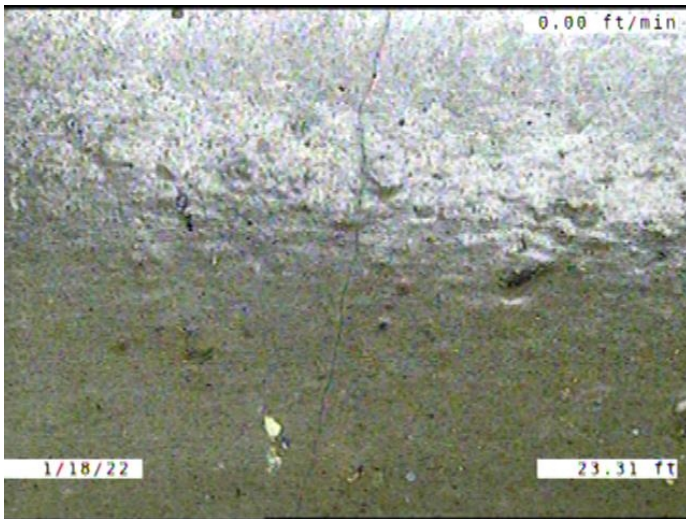
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



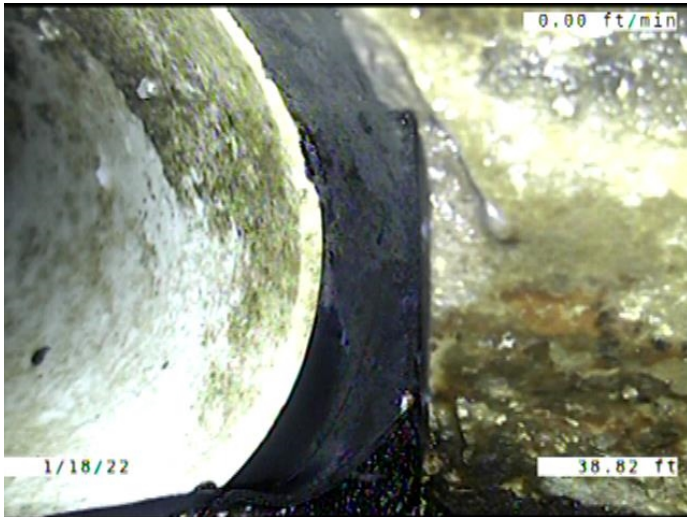
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **2.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



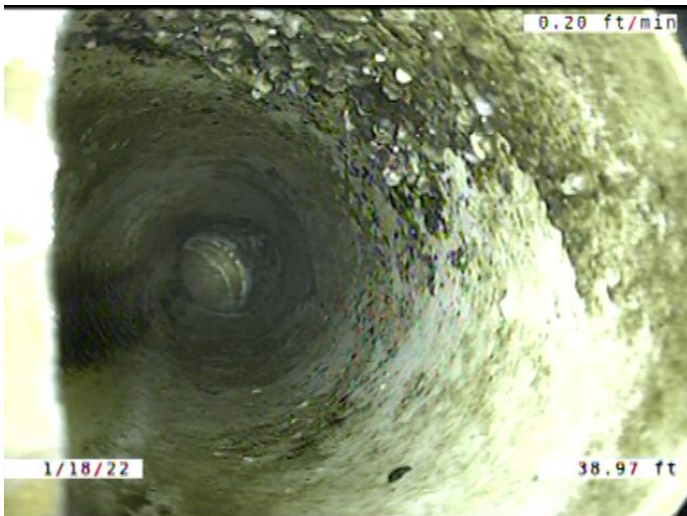
Code: **CS**
Description: **Crack Spiral**

Distance (ft): **23.3**
Structural Grade: **2**
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:



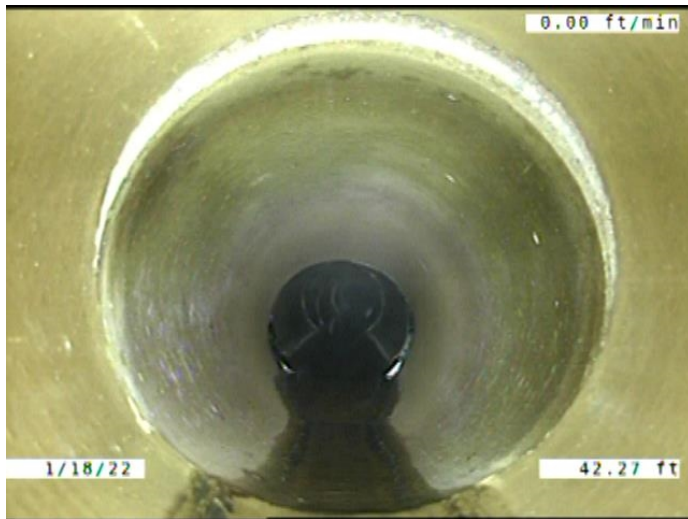
Code: **B**
 Description: **Broken**

Distance (ft): **38.8**
 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:



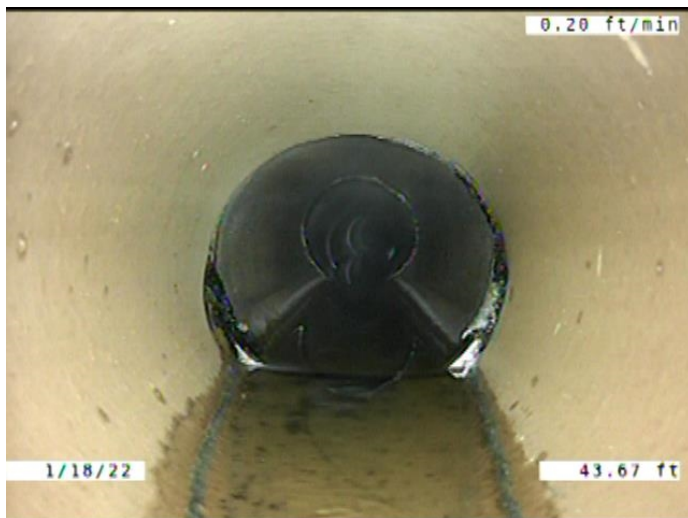
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **39.0**
 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:



Code: **LD**
 Description: **Line Down**

Distance (ft): **42.3**
 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:



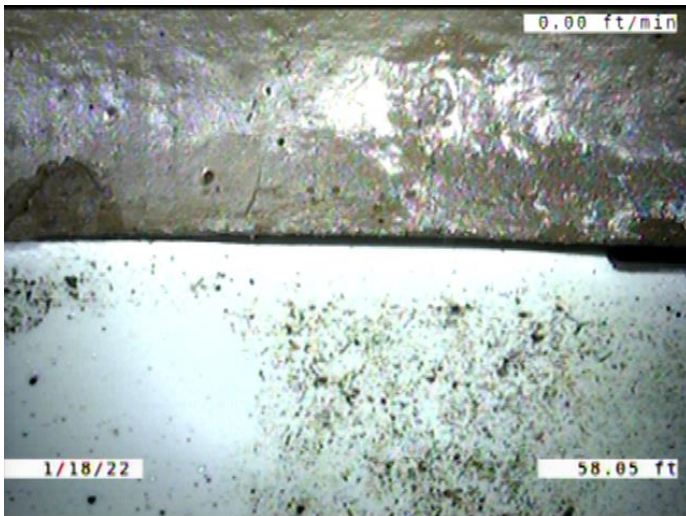
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **43.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S02**
 Within 8" of Joint: **NO**
 Remarks:



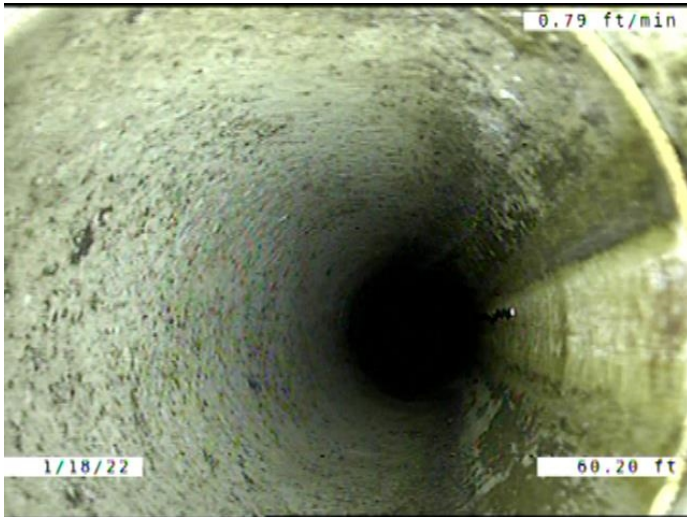
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **46.4**
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:



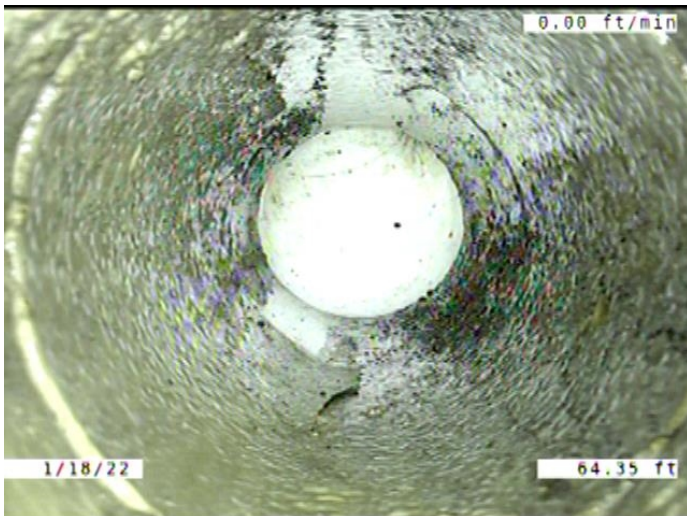
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **58.0**
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: **VCP TO PVC**



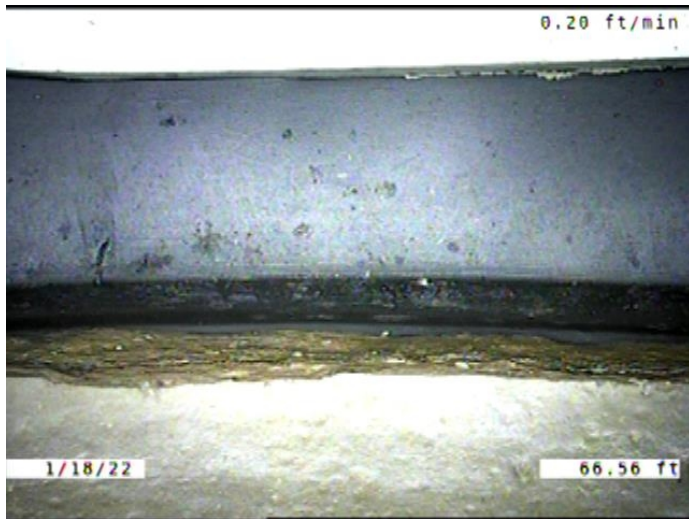
Code: **TF**
Description: **Tap Factory**

Distance (ft): **60.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



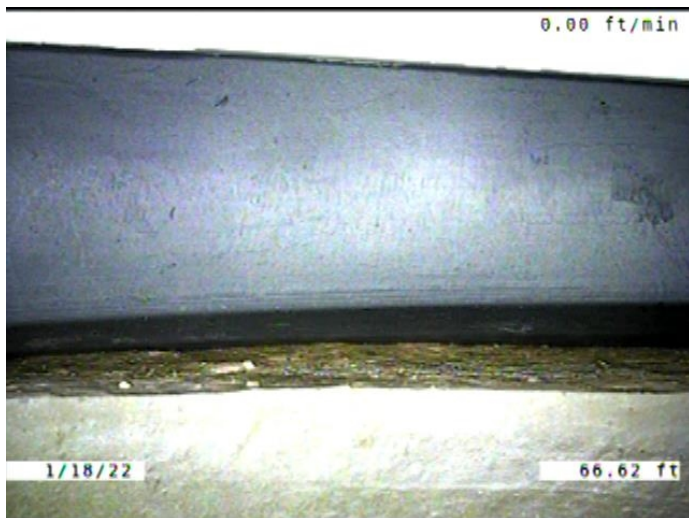
Code: **TF**
Description: **Tap Factory**

Distance (ft): **64.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER.
ENCUSTATION COMING OUT OF THE**



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

Distance (ft): **66.5**
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: **PVC TO VCP**



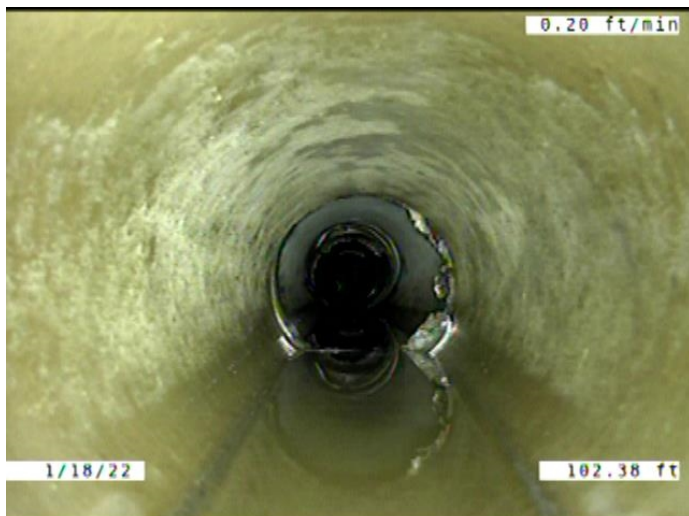
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **66.6**
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: **PIPE ARE NOT TOUCHING BUT HAVE A FERNCO OVER THE REPAIRED CON**



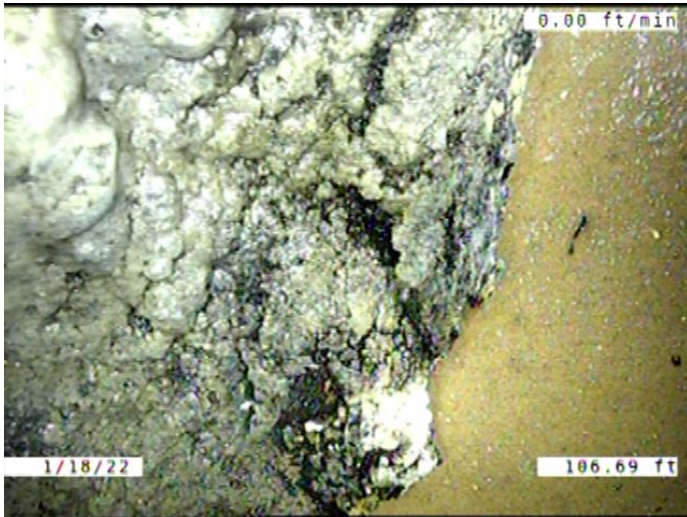
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **82.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **102.4**
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:



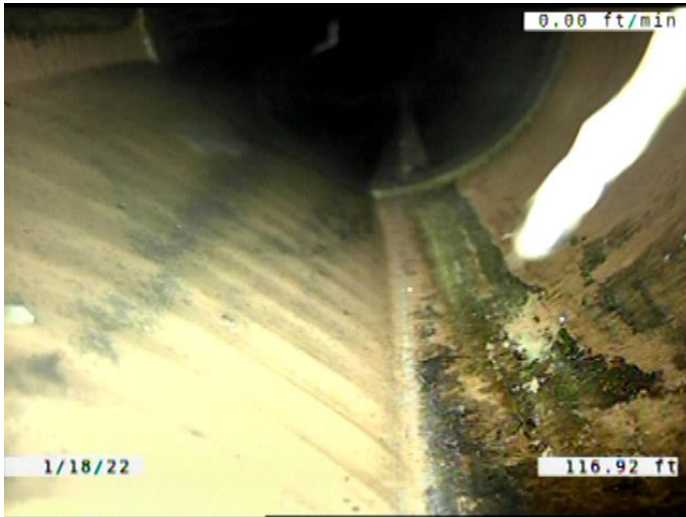
Code: **OBZ**
 Description: **Obstruction Other**

Distance (ft): **106.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **3**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **A PIECE OF ENCUSTATION THAT HAS BEEN BROKEN OFF**



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

Distance (ft): **111.9**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ENCUSTATION COMING FROM THE CONNECTION AT THE SERVICE AND**



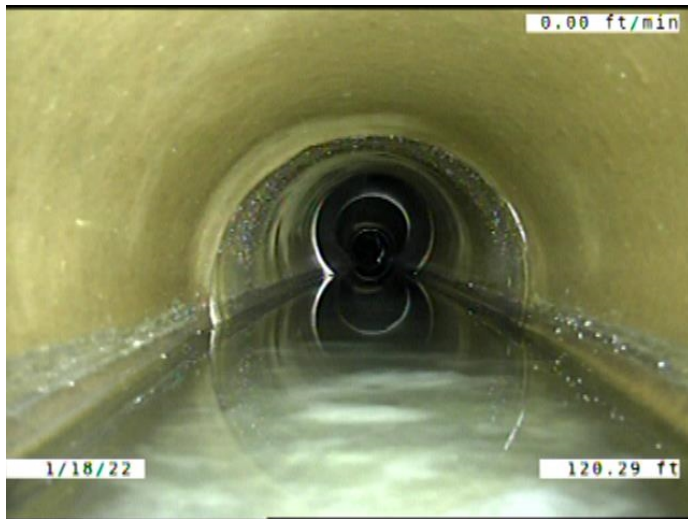
Code: **IRC**
 Description: **Infiltration Runner Connection**

Distance (ft): **116.9**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



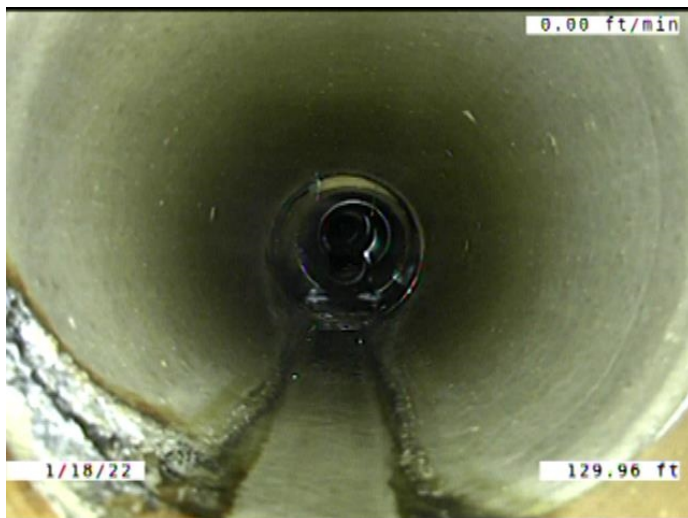
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **118.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **CONSTANTLY RUNNING WATER.
 ENCUSTATION COMING DOWN THE**



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

Distance (ft): **120.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S04**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **130.0**
 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:



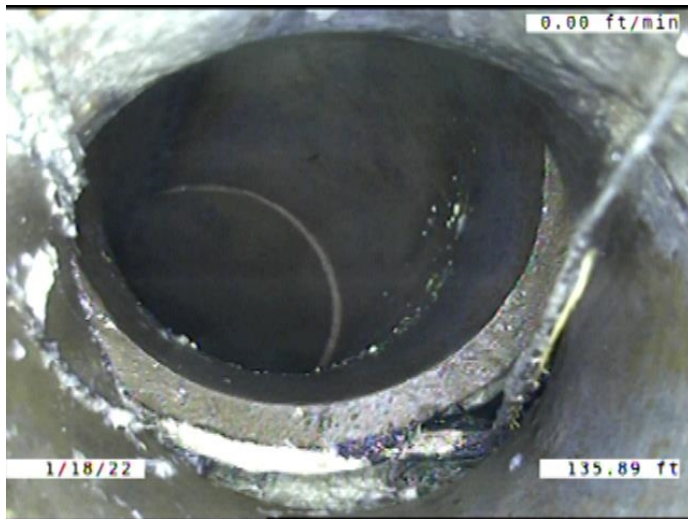
Code: **LD**
 Description: **Line Down**

Distance (ft): **130.0**
 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:



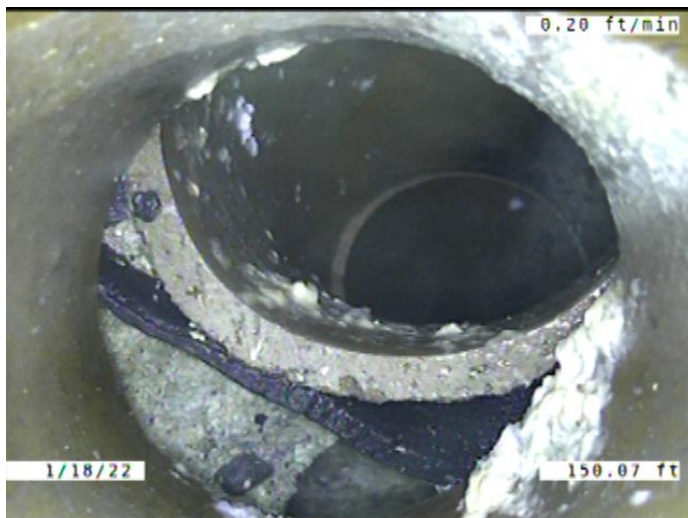
Code: **RFL**
 Description: **Roots Fine Lateral**

Distance (ft): **135.8**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



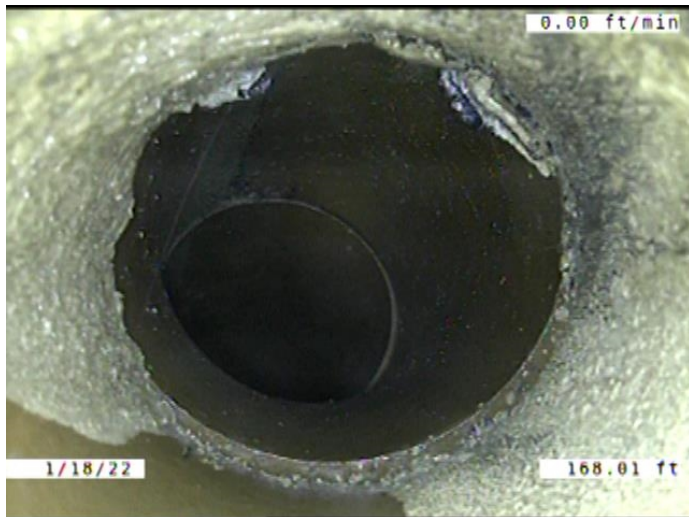
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **135.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **MAIN BROKEN. TAP OFFSET SOIL VISIBLE**



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

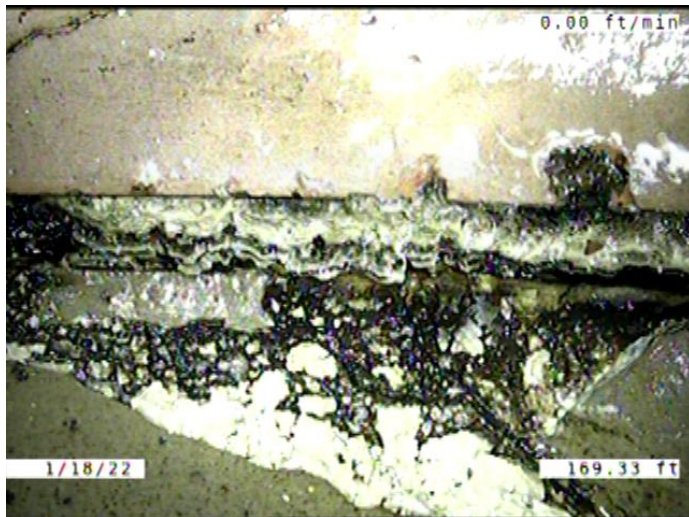
Distance (ft): **150.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP LARGE OFFSET. SOIL VISIBLE**



Code:	TF
Description:	Tap Factory
Distance (ft):	168.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ENCUSTATION COMING FROM THE MAIN TO SERVICE CONNECTION.

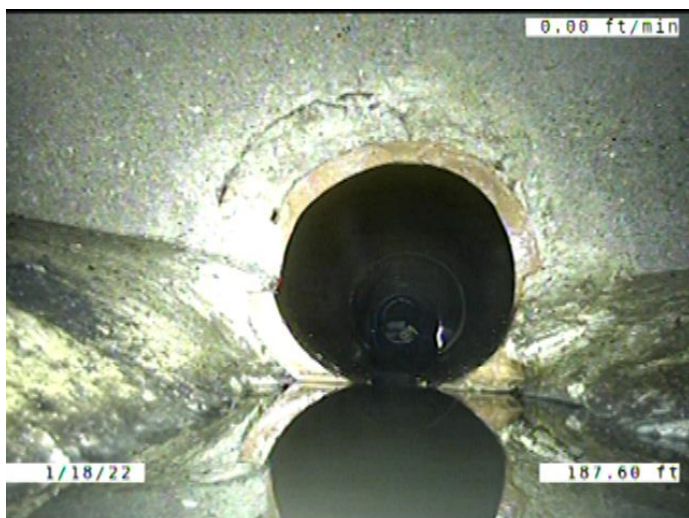


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	169.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	S05
Within 8" of Joint:	NO
Remarks:	



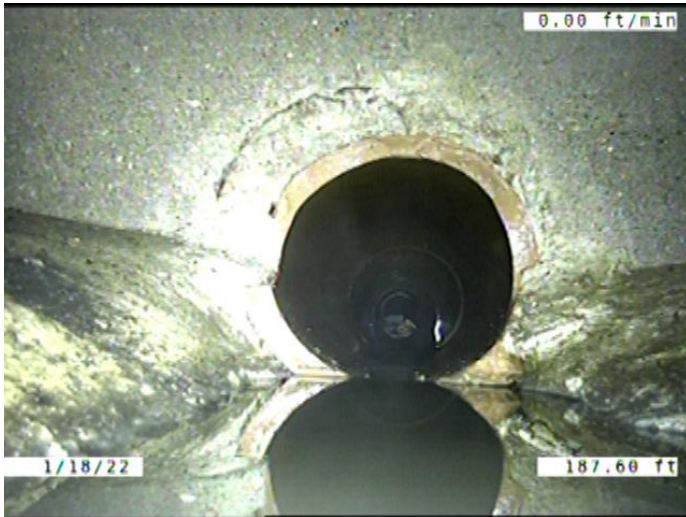
Code: **IDJ**
 Description: **Infiltration Dripper Joint**

Distance (ft): **169.3**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **2**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



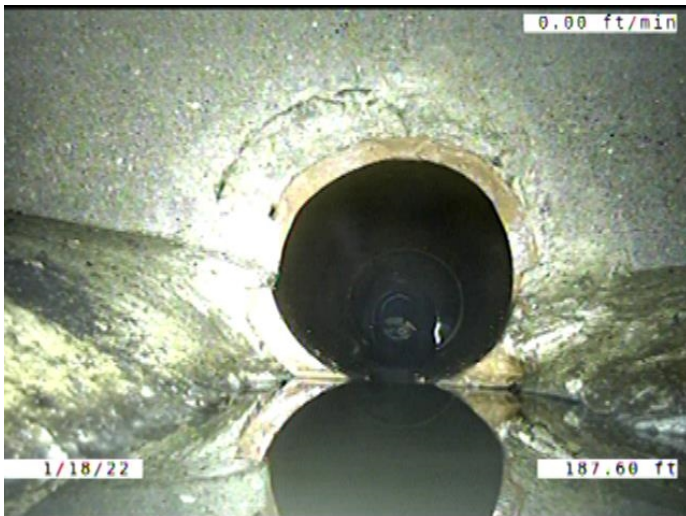
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **187.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F04**
 Within 8" of Joint: **YES**
 Remarks:



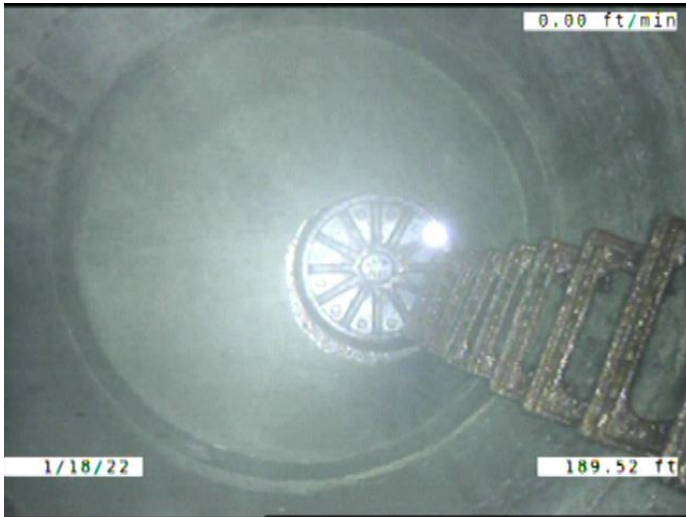
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **187.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **187.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	189.5
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-506-023