

Profile/Photo Observation Report

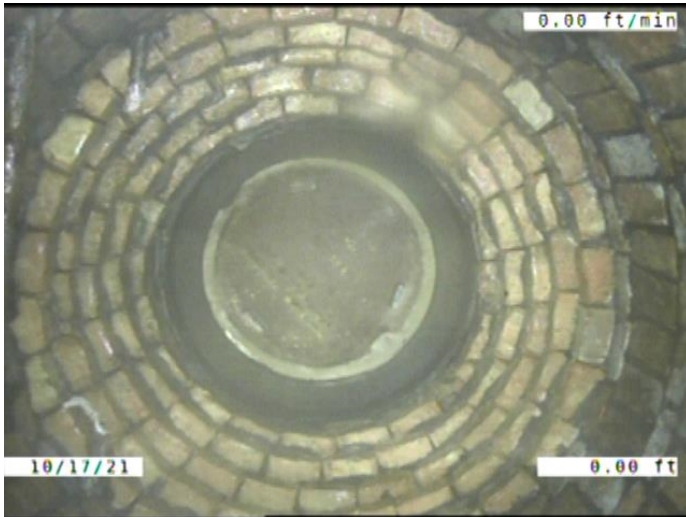


Date:	10/17/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	221.6	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-804-055-054
Customer:	City of Hobart	Clean Date:	10/13/2021	Shape:	C

Street:	North Kelly 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:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-804-055	DS MH:	M-804-054
		Total Length Surveyed (ft):	221.6

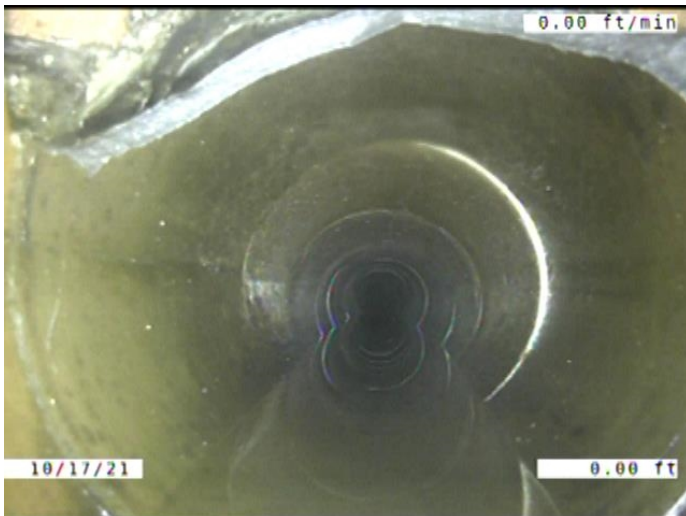
O&M Index:	2.35	O&M Quick:	5431	O&M Rating:	73.00
Structural Index:	3.96	Structural Quick:	4H21	Structural Rating:	186.00
Overall Index:	3.32	Overall Quick:	544H	Overall Rating:	259.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	70	NA
	2.9	B	Broken	123	S 4
	2.9	FM(S01)	Fracture Multiple	150	S 4
	11.5	B	Broken	219	S 4
	13.7	RFJ	Roots Fine Joint	259	M 1
	22.6	TF	Tap Factory	330	NA
	25.4	SSS	Surface Damage Surface Spalling	355	S 2
	25.7	RFJ	Roots Fine Joint	360	M 1
	39.6	TB	Tap Break-in/Hammer	436	NA
	58.9	B	Broken	445	S 4
	73.6	TF	Tap Factory	562	NA
	75.6	TF	Tap Factory	591	NA
	84.4	DSGV(S03)	Deposits Settled Gravel	649	M 5
	93.9	TF	Tap Factory	768	NA
	103.8	DSGV(F03)	Deposits Settled Gravel	823	M 5
	104.5	DSGV(S05)	Deposits Settled Gravel	824	M 2
	129.8	DSGV(S04)	Deposits Settled Gravel	909	M 2
	131.2	TF	Tap Factory	929	NA
	148.9	DSGV(F05)	Deposits Settled Gravel	994	M 2
	158.0	DSGV(S06)	Deposits Settled Gravel	1020	M 2
	162.8	OBM	Obstruction Pipe Material in Invert	1042	M 2
	166.0	TF	Tap Factory	1069	NA
	166.0	DSGV(F06)	Deposits Settled Gravel	1083	M 2
	182.2	TFD	Tap Factory Defective	1140	M 3
	187.0	DSGV(F04)	Deposits Settled Gravel	1169	M 2
	198.7	TF	Tap Factory	1218	NA
	218.5	DSGV	Deposits Settled Gravel	1311	M 2
	219.8	FM(F01)	Fracture Multiple	1332	S 4
	221.6	AMH	Manhole	1417	NA
M-804-054					



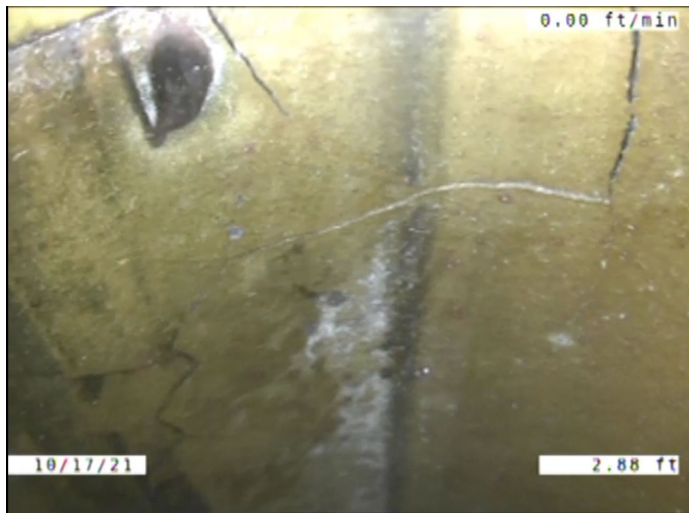
Code: **AMH**
 Description: **Manhole**

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-804-055**



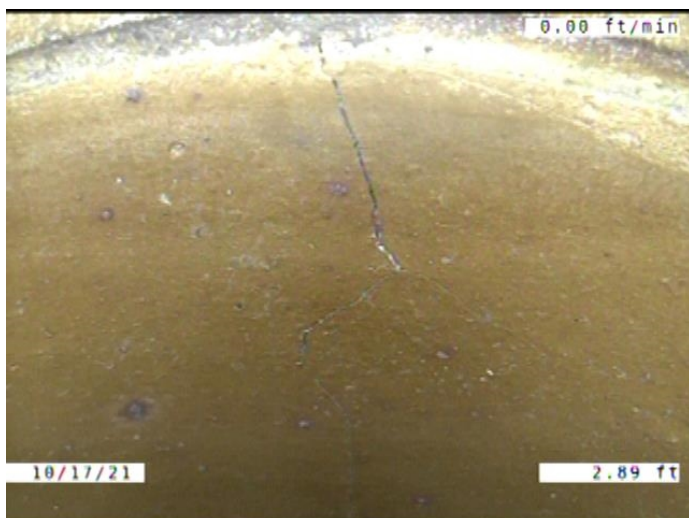
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



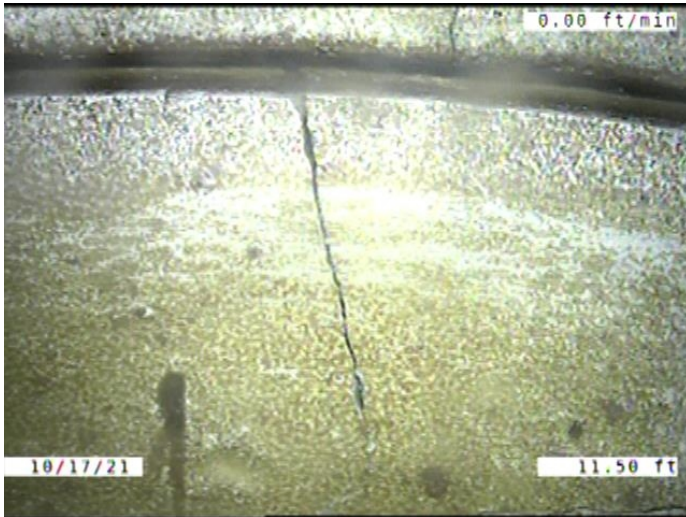
Code: **B**
Description: **Broken**

Distance (ft): **2.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **6**
Clock To: **8**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **2.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks: **Wandering**



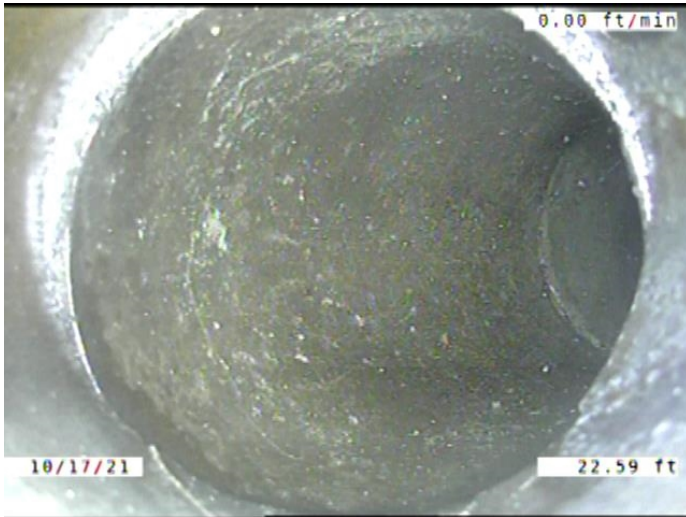
Code: **B**
Description: **Broken**

Distance (ft): **11.5**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **2**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



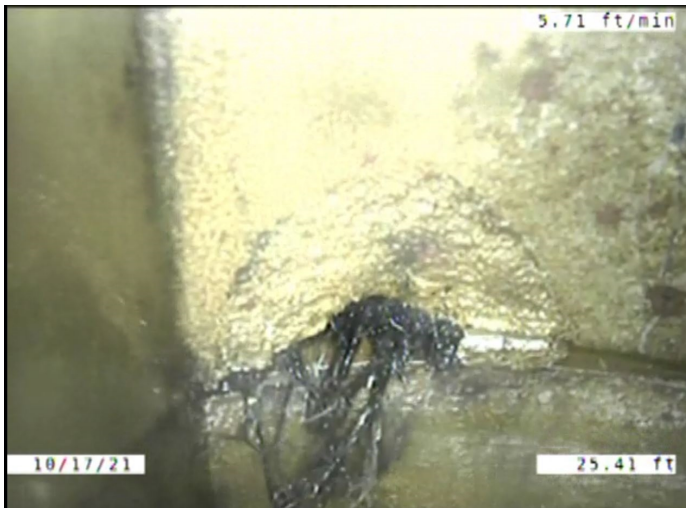
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **13.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



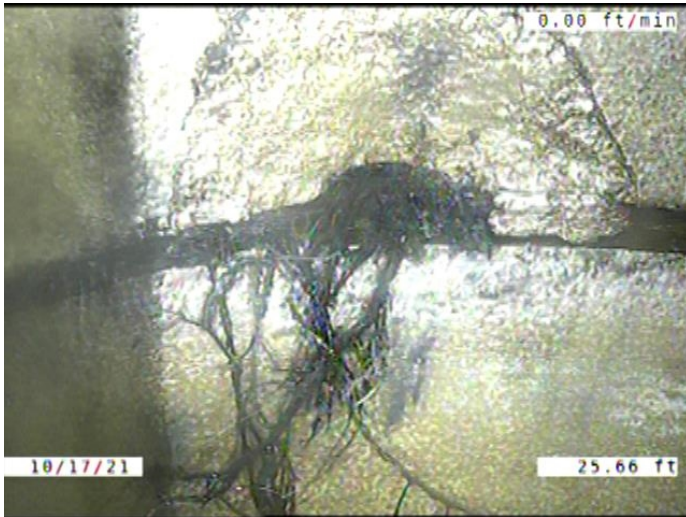
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **22.6**
 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:



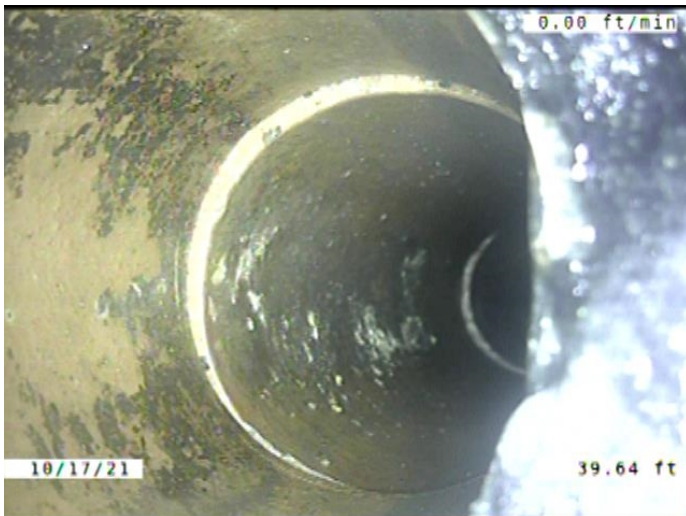
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **25.4**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **25.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **8**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



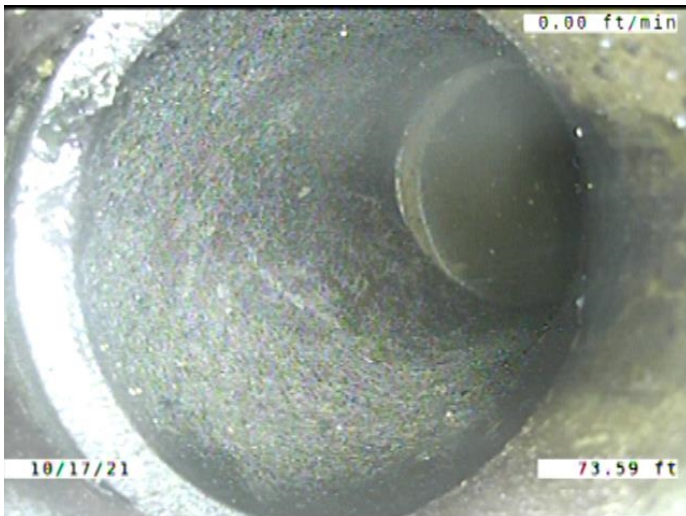
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **39.6**
 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: **CONSTANTLY RUNNING WATER**



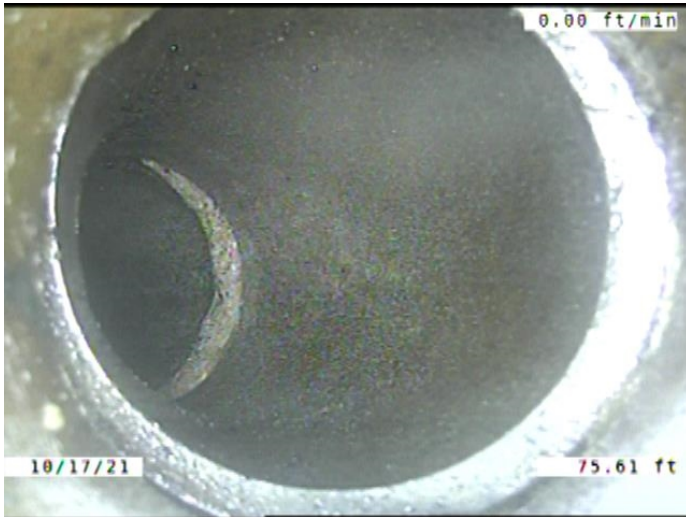
Code: **B**
Description: **Broken**

Distance (ft): **58.9**
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: **TF**
Description: **Tap Factory**

Distance (ft): **73.6**
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:



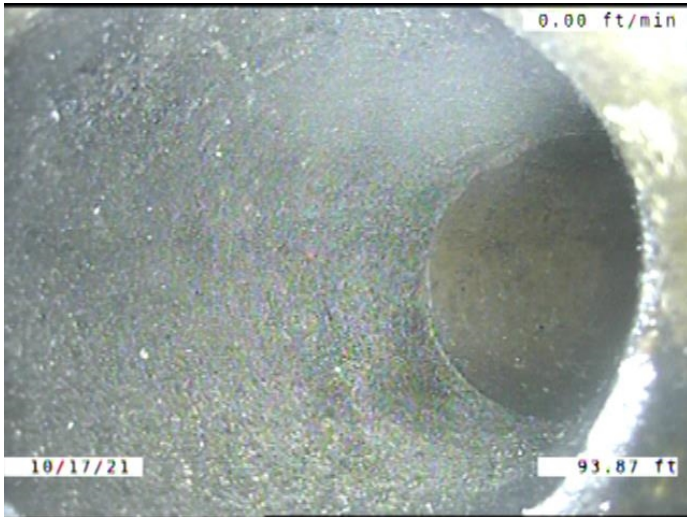
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **75.6**
 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: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **84.4**
 Structural Grade: **0**
 O&M Grade: **5**
 Clock Start/From: **3**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent: **55.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **93.9**
 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: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **103.8**
 Structural Grade: **0**
 O&M Grade: **5**
 Clock Start/From: **3**
 Clock To: **10**
 1st Value:
 2nd Value:
 Value Percent: **55.000**
 Continuous Index: **F03**
 Within 8" of Joint: **YES**
 Remarks:



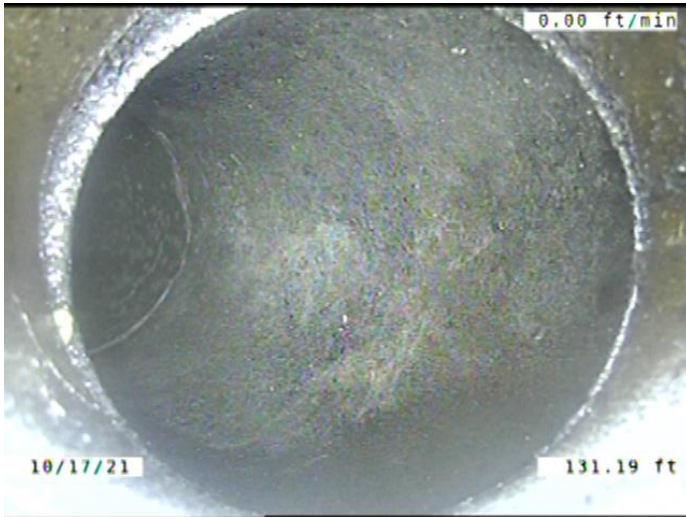
Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **104.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S05**
 Within 8" of Joint: **NO**
 Remarks:



Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **129.8**
 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: **TF**
 Description: **Tap Factory**

Distance (ft): **131.2**
 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: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **148.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F05**
 Within 8" of Joint: **NO**
 Remarks:



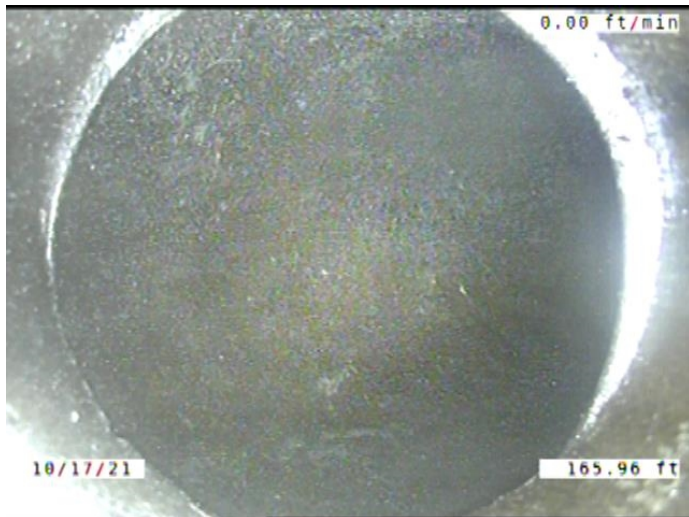
Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **158.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S06**
 Within 8" of Joint: **NO**
 Remarks:



Code: **OBM**
 Description: **Obstruction Pipe Material in Invert**

Distance (ft): **162.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **6**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



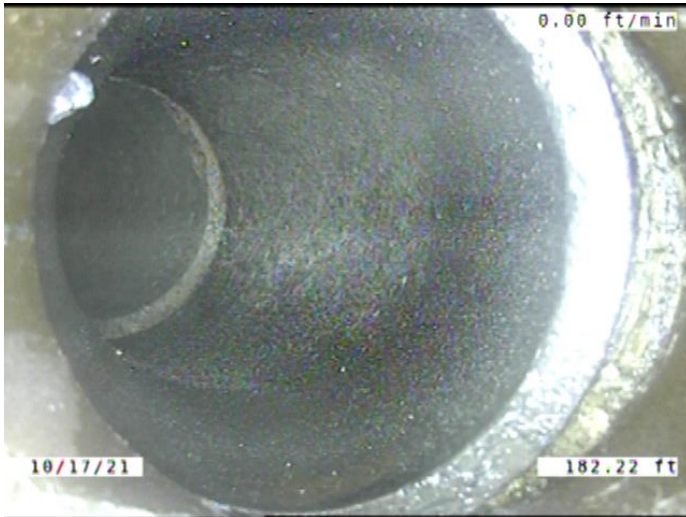
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **166.0**
 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:



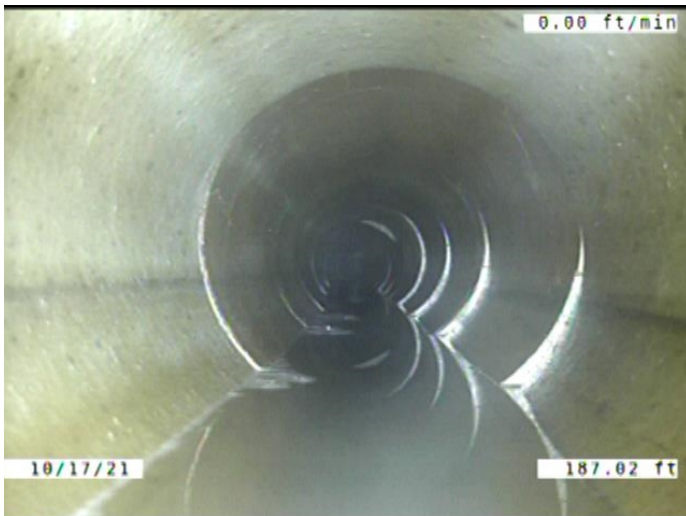
Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **166.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **F06**
 Within 8" of Joint: **NO**
 Remarks:



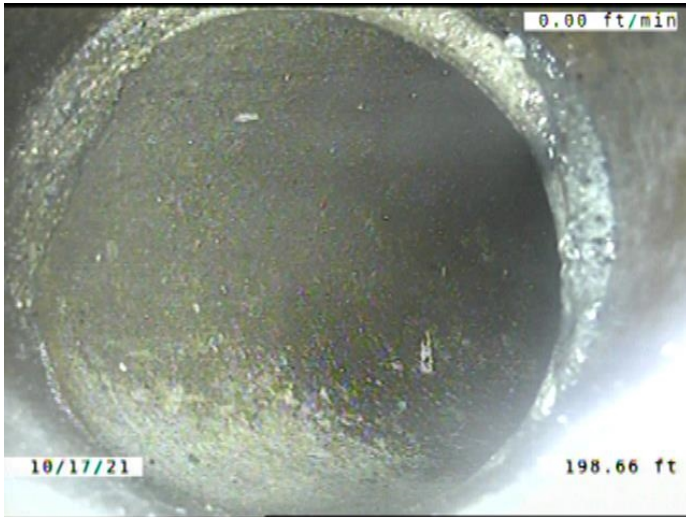
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **182.2**
 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: **LARGE OFFSET**



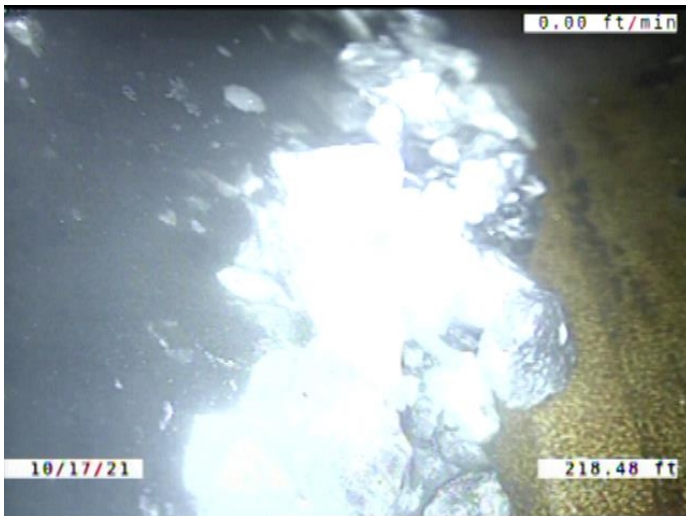
Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **187.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F04**
 Within 8" of Joint: **YES**
 Remarks:



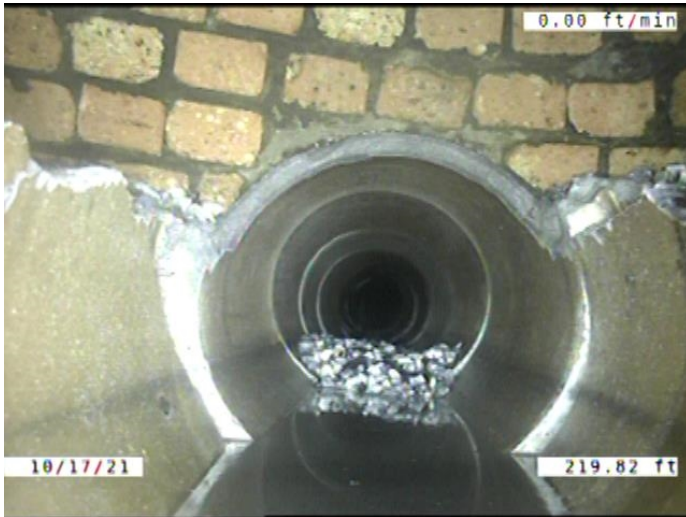
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **198.7**
 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:



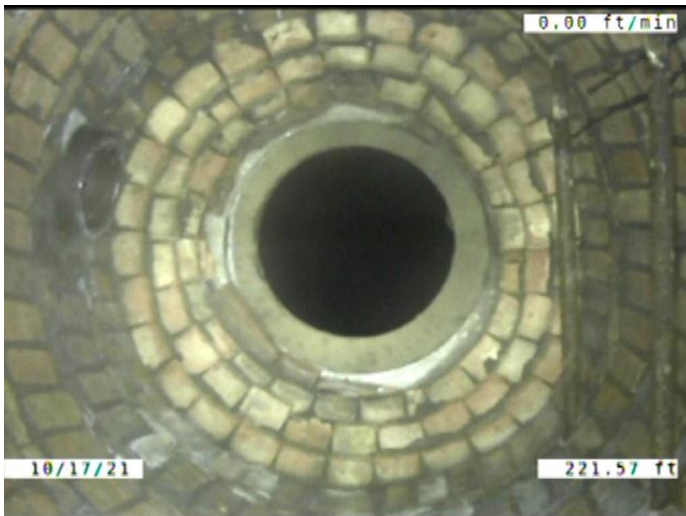
Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **218.5**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **219.8**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks: **Wandering**



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

Distance (ft): **221.6**
 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: **M-804-054**