

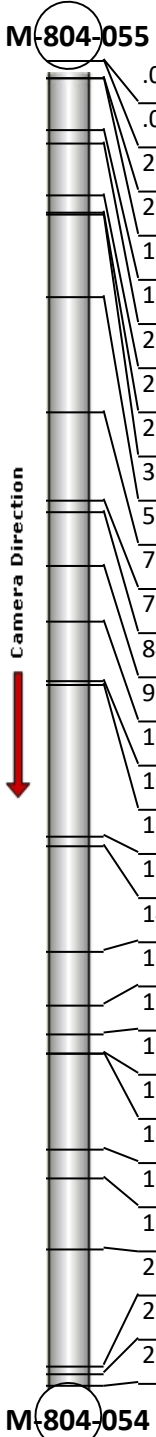
## Profile/Photo Observation Report

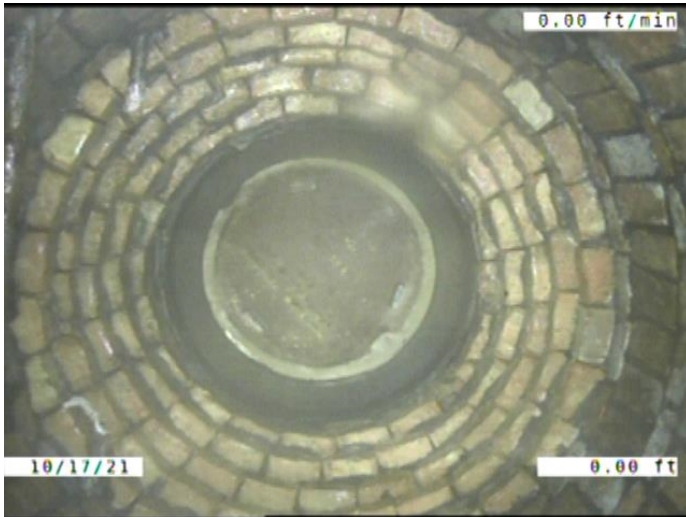


Date:	<b>10/17/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>221.6</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-804-055-054</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/13/2021</b>	Shape:	<b>C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

Street:	<b>North Kelly Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Local rural streets with light traffic, t</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>12"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-804-055</b>	DS MH:	<b>M-804-054</b>
		Total Length Surveyed (ft):	<b>221.6</b>

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

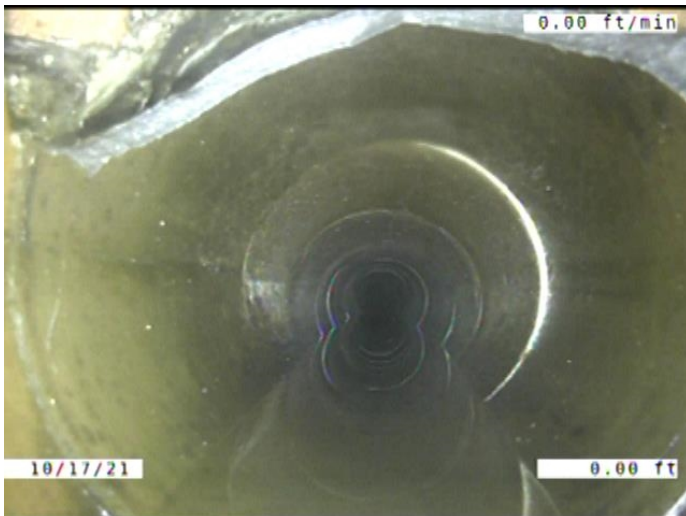
	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	70	NA
	2.9	B	Broken	123	S 4
	2.9	FM(S01)	Fracture Multiple	150	S 4
	11.5	B	Broken	219	S 4
	13.7	RFJ	Roots Fine Joint	259	M 1
	22.6	TF	Tap Factory	330	NA
	25.4	SSS	Surface Damage Surface Spalling	355	S 2
	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**

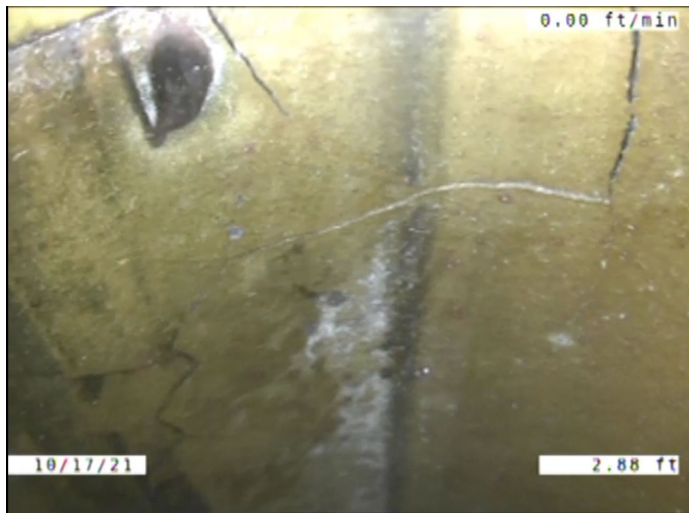
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Code: **MWL**  
Description: **Miscellaneous Water Level**

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:

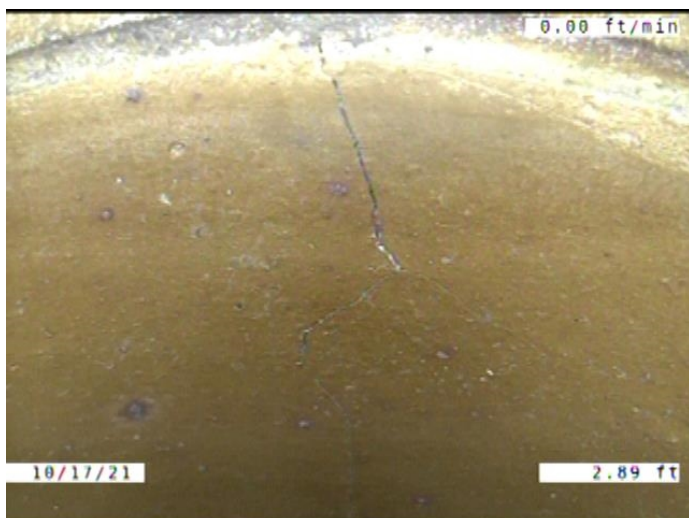
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Code: **B**  
Description: **Broken**

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:

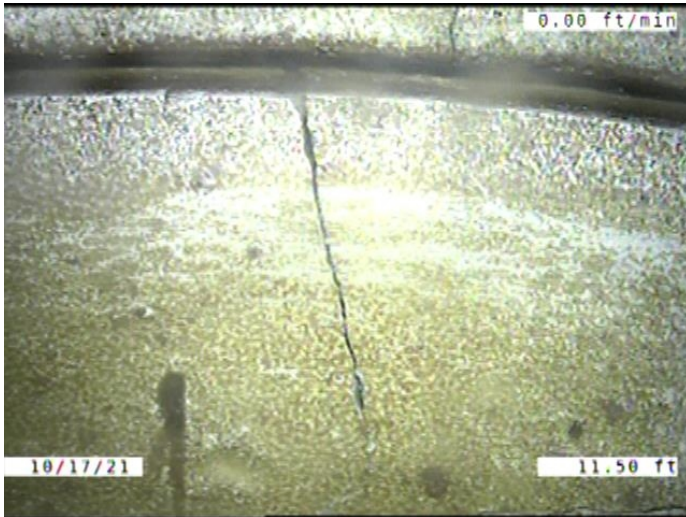
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Code: **FM**  
Description: **Fracture Multiple**

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**

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

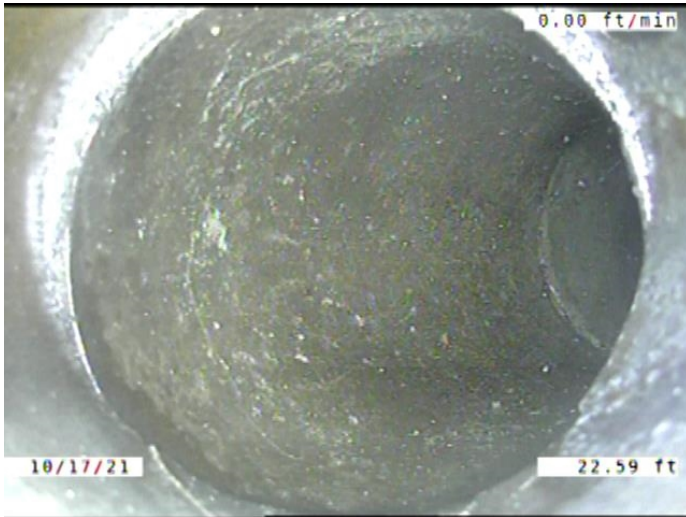
Distance (ft): **11.5**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

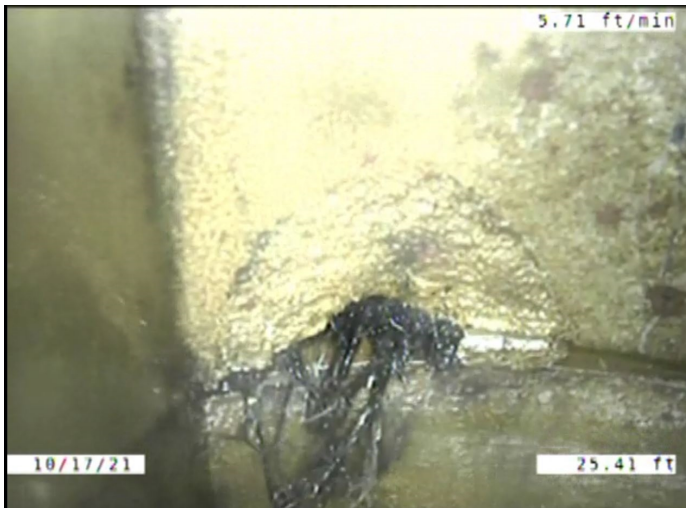
Distance (ft): **13.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





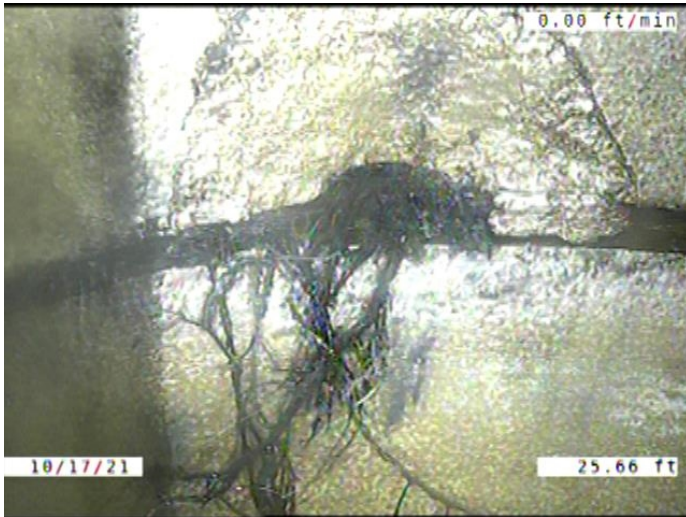
Code: **TF**  
 Description: **Tap Factory**

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**

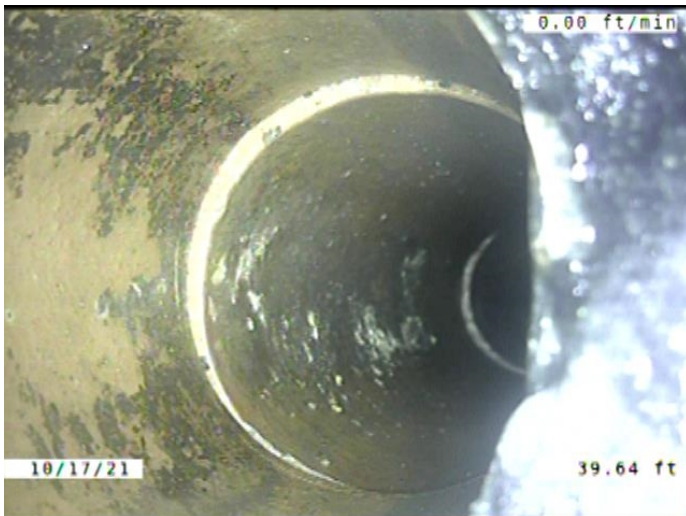
Distance (ft): **25.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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:

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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**

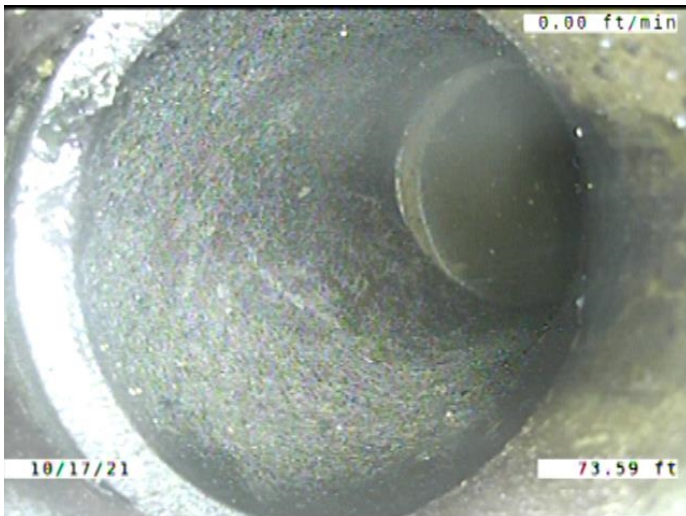
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Code: **B**  
Description: **Broken**

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:

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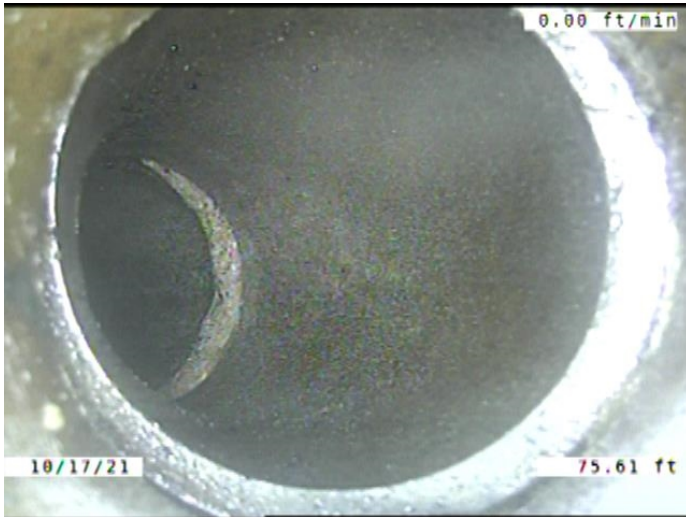


Code: **TF**  
Description: **Tap Factory**

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:

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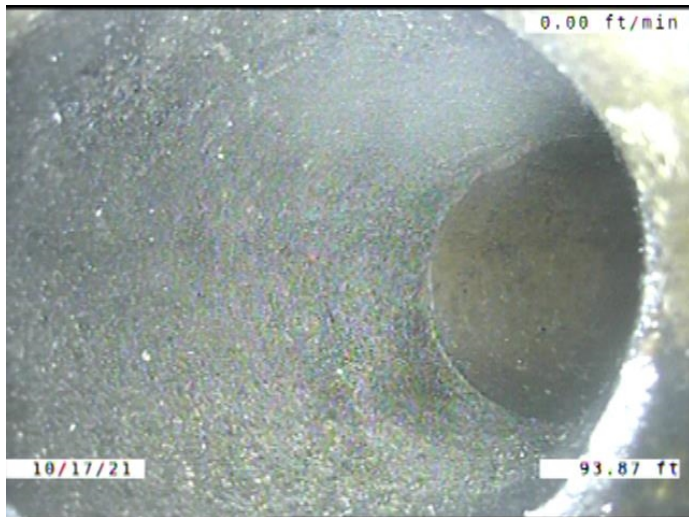
Code: **TF**  
 Description: **Tap Factory**

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:



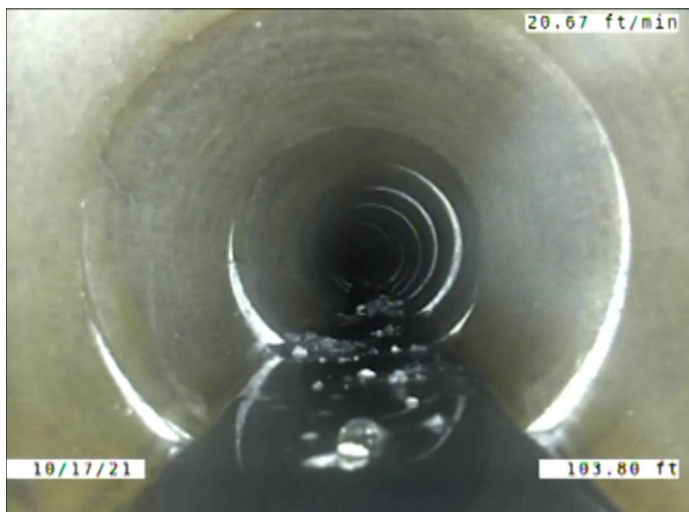
Code: **DSGV**  
 Description: **Deposits Settled Gravel**

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:

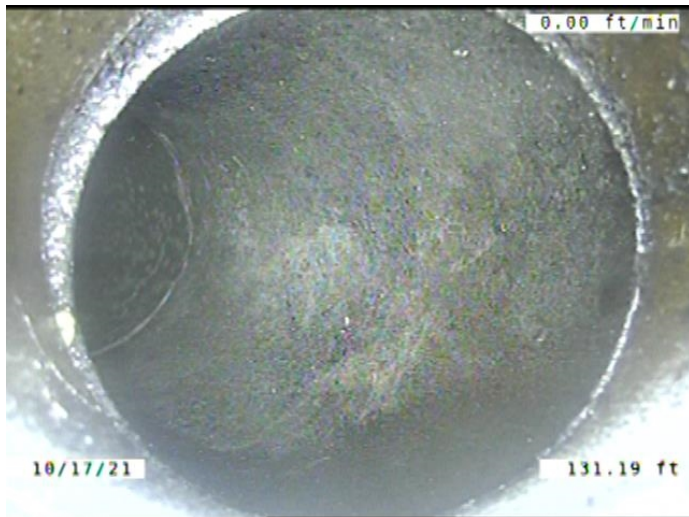
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Code: **DSGV**  
 Description: **Deposits Settled Gravel**

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:

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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:

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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:

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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:

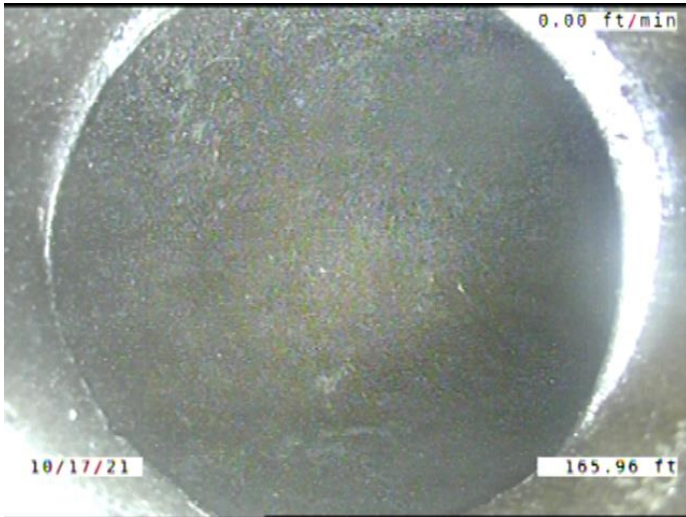
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Code: **OBM**  
Description: **Obstruction Pipe Material in Invert**

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:

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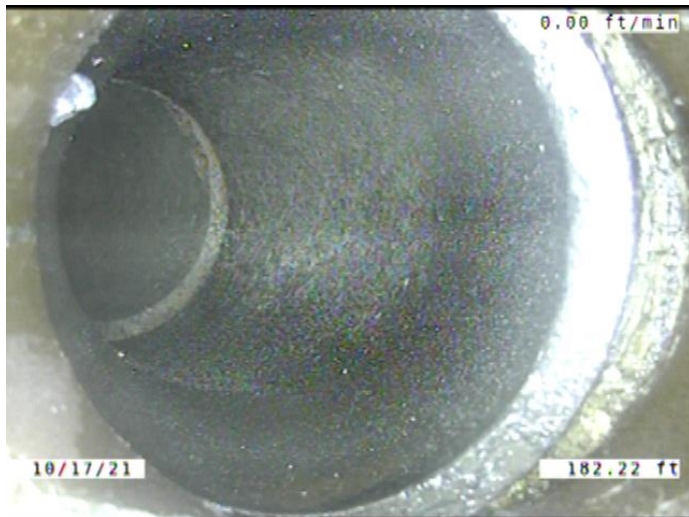
Code: **TF**  
 Description: **Tap Factory**

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**

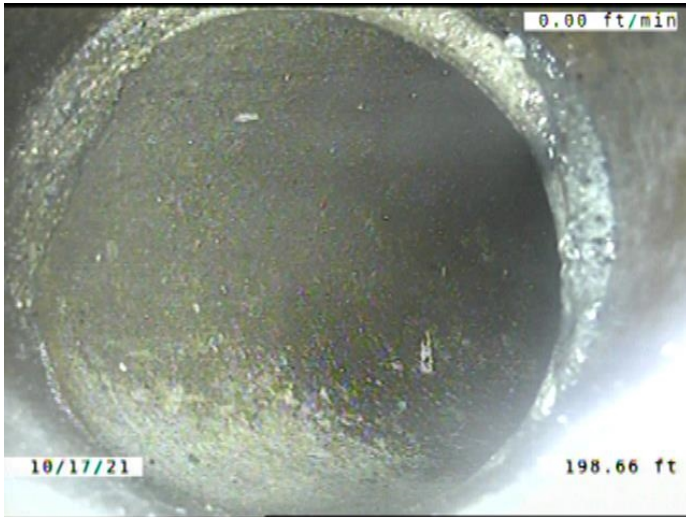
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Code: **DSGV**  
 Description: **Deposits Settled Gravel**

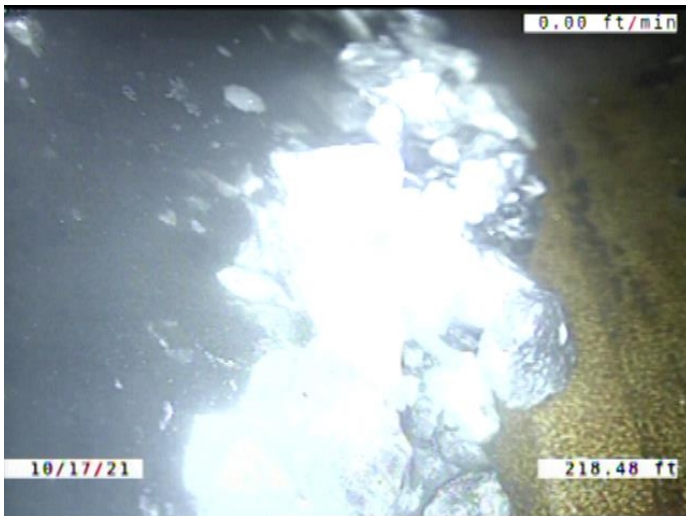
Distance (ft): **187.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks:

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

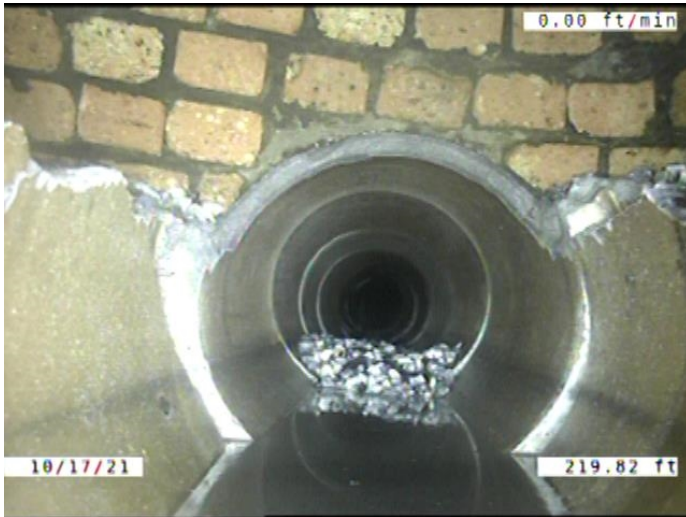
Distance (ft): **198.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

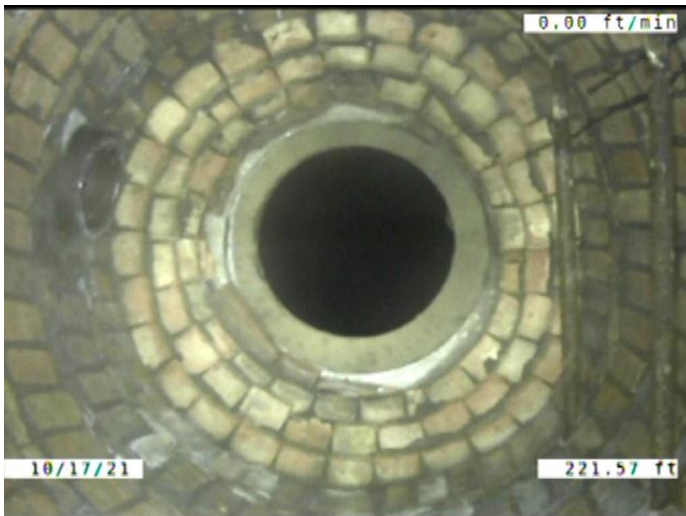
Distance (ft): **218.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





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**