

## Profile/Photo Observation Report

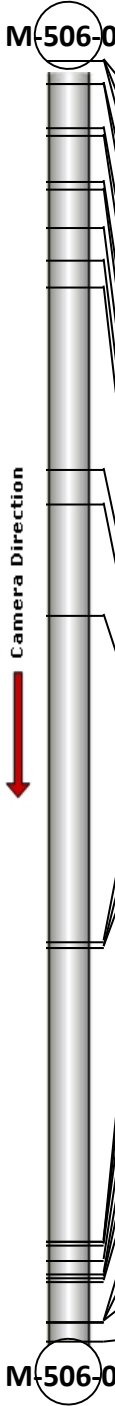


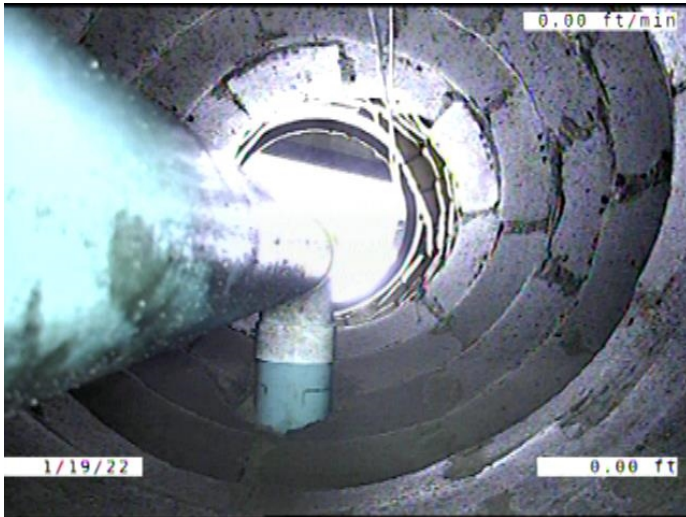
Date:	<b>01/19/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>148.7</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-506-028-027</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>01/18/2022</b>	Shape:	<b>C</b>

Street:	<b>River Terrace</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Alley</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-506-027</b>	DS MH:	<b>M-506-028</b>
		Total Length Surveyed (ft):	<b>148.7</b>

O&M Index:	<b>2.13</b>	O&M Quick:	<b>4236</b>	O&M Rating:	<b>132.00</b>
Structural Index:	<b>3.25</b>	Structural Quick:	<b>4231</b>	Structural Rating:	<b>13.00</b>
Overall Index:	<b>2.20</b>	Overall Quick:	<b>4437</b>	Overall Rating:	<b>145.00</b>

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	80	NA
	.0	DSF(S01)	Deposits Settled Fine	89	M 2
	2.7	RTJ	Roots Tap Joint	126	M 2
	2.7	DAE	Deposits Attached Encrustation	160	M 2
	7.9	TF	Tap Factory	205	NA
	8.8	DAE	Deposits Attached Encrustation	252	M 2
	14.0	TF	Tap Factory	304	NA
	15.0	ISJ	Infiltration Stain Joint	339	M 1
	19.3	MWLS(S02)	Miscellaneous Water Level Sag	376	S 2
	23.1	JAM	Joint Angular Medium	403	S 3
	26.2	MWLS(F02)	Miscellaneous Water Level Sag	438	S 2
	47.4	DAE	Deposits Attached Encrustation	527	M 2
	51.4	DAE(S03)	Deposits Attached Encrustation	699	M 2
	64.5	TF	Tap Factory	775	NA
	102.3	RFJ	Roots Fine Joint	935	M 1
	102.9	RML	Roots Medium Lateral	988	M 3
	103.0	TFD	Tap Factory Defective	1009	M 3
	137.0	RMB	Roots Medium Barrel	1156	M 4
	137.1	B(S04)	Broken	1208	S 4
	137.5	RMB	Roots Medium Barrel	1263	M 4
	139.4	RMJ	Roots Medium Joint	1277	M 3
	140.8	RML	Roots Medium Lateral	1285	M 3
	141.4	RML	Roots Medium Lateral	1304	M 3
	141.7	TFD	Tap Factory Defective	1327	M 3
	146.4	DSF(F01)	Deposits Settled Fine	1413	M 2
	146.4	DAE(F03)	Deposits Attached Encrustation	1421	M 2
	146.4	B(F04)	Broken	1428	S 4
	148.7	AMH	Manhole	1500	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-506-027**



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

Distance (ft): **.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: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



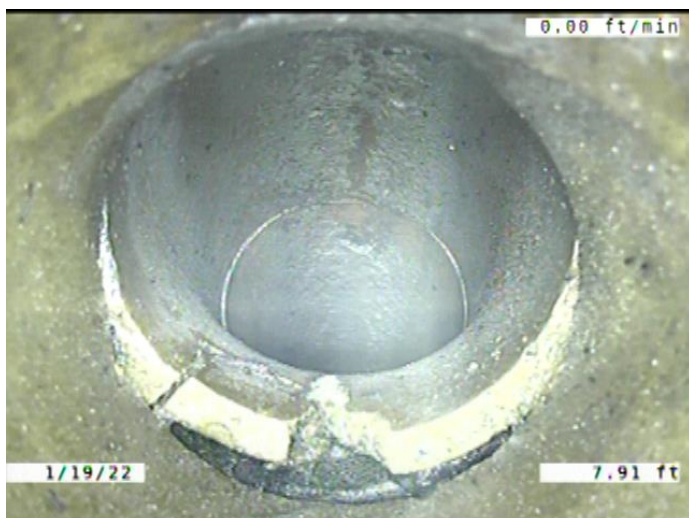
Code: **RTJ**  
 Description: **Roots Tap Joint**

Distance (ft): **2.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

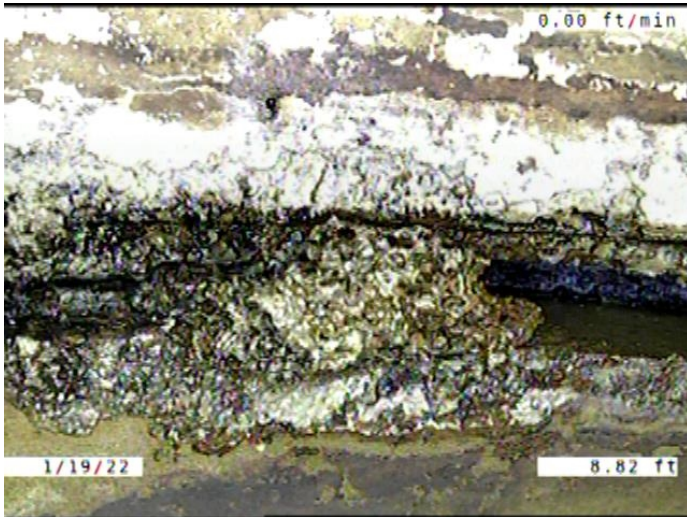
Distance (ft): **2.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

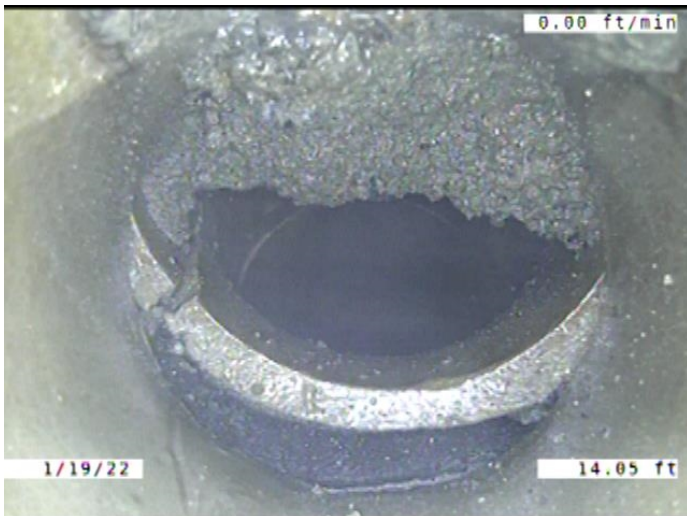
Distance (ft): **7.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SERVICE LINE BROKEN AND OFFSET**





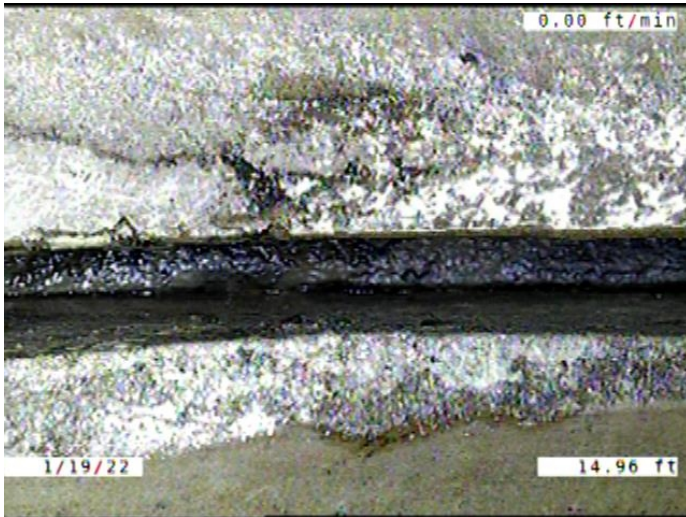
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **8.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



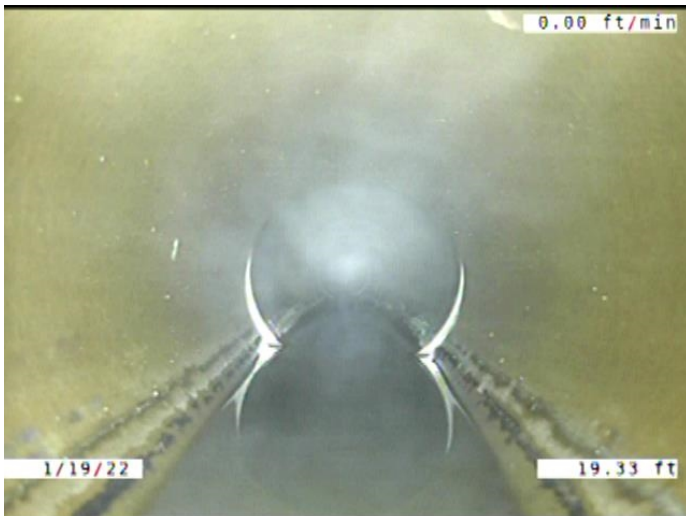
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **14.0**  
 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: **SERVICE LINE BROKEN AND LARGE OFFSET. SOIL VISIBLE**



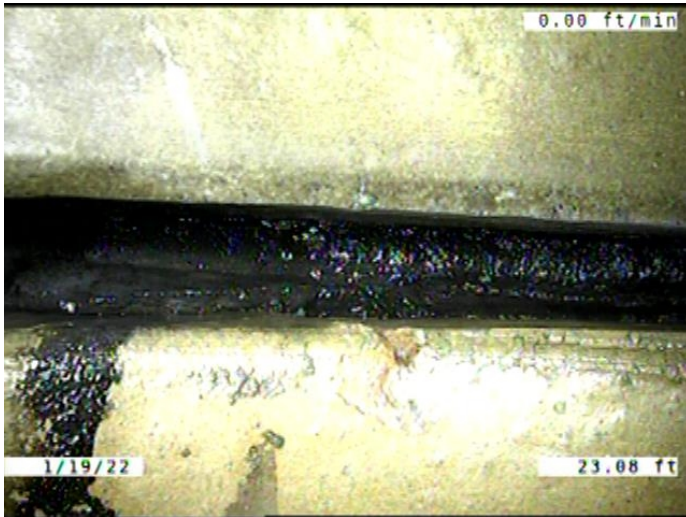
Code: **ISJ**  
 Description: **Infiltration Stain Joint**

Distance (ft): **15.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



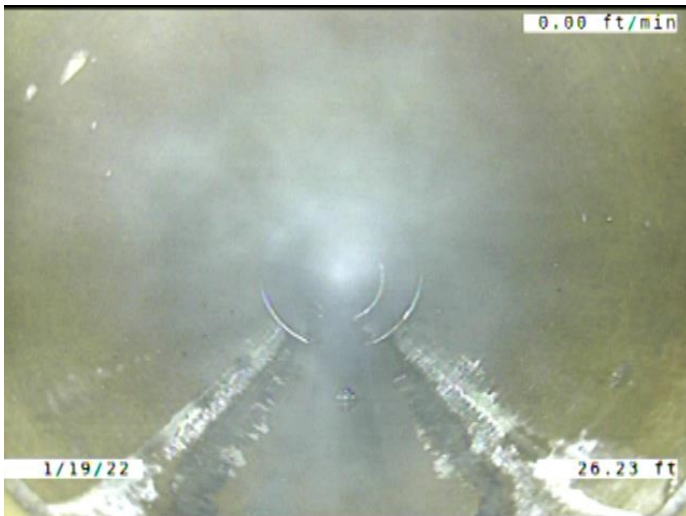
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **19.3**  
 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**

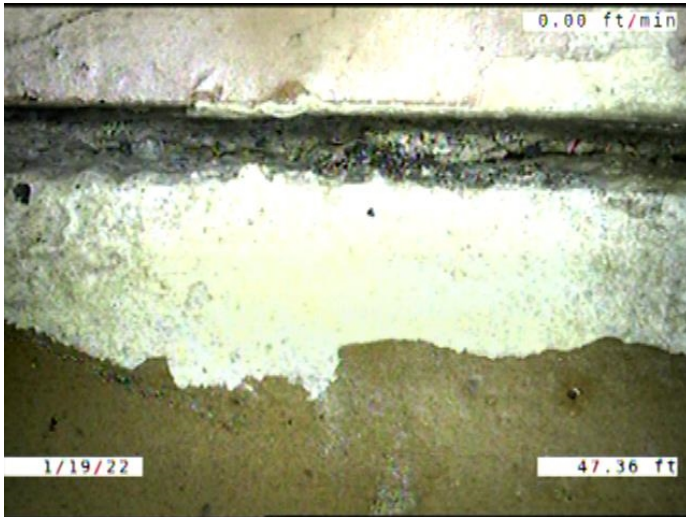
Distance (ft): **23.1**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

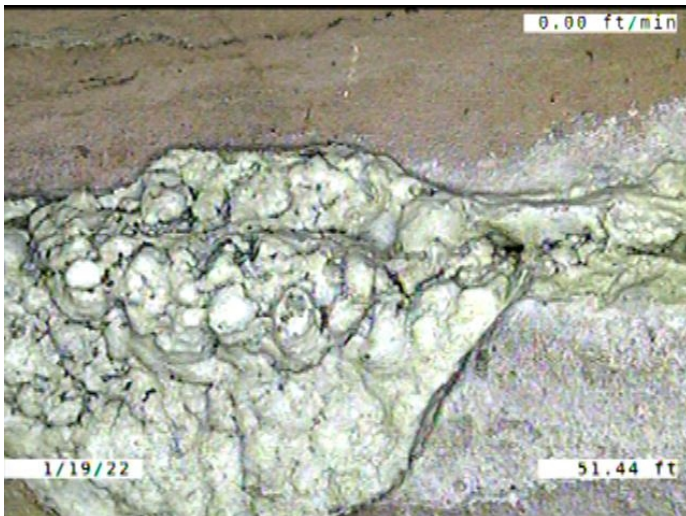
Distance (ft): **26.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F02**  
 Within 8" of Joint: **NO**  
 Remarks:





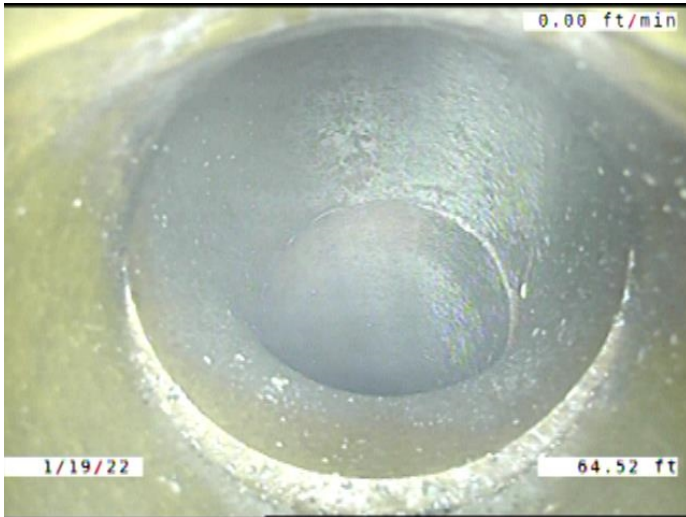
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **47.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



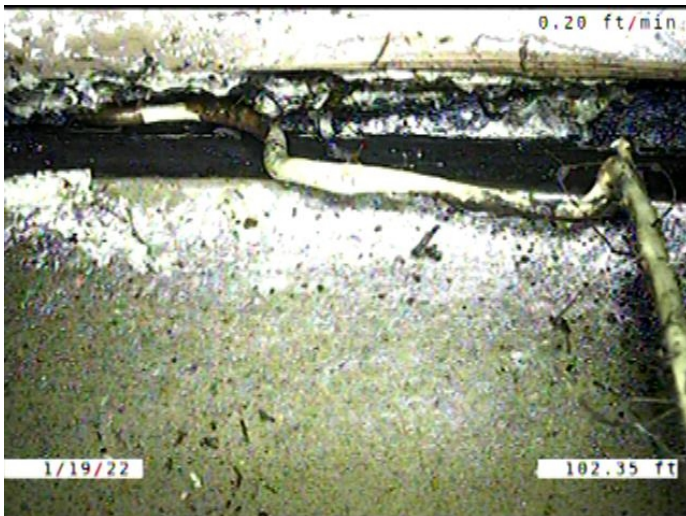
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **51.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:



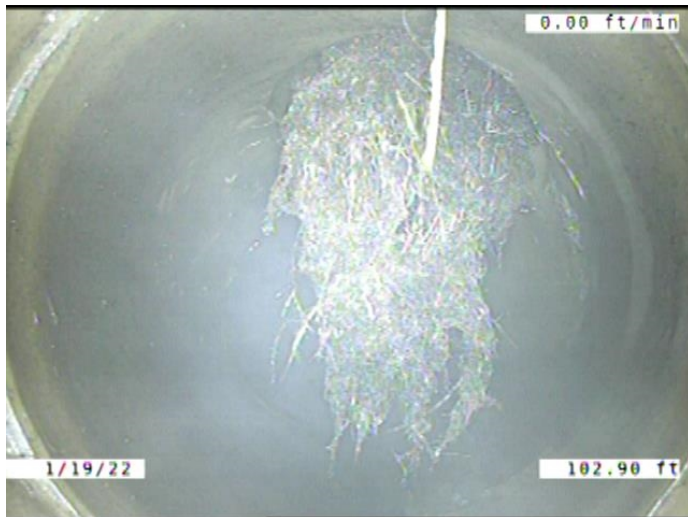
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **64.5**  
 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:



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

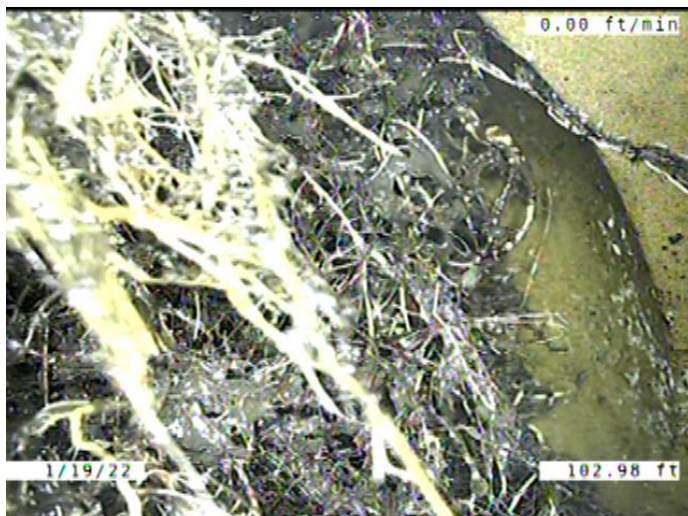
Distance (ft): **102.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **RML**  
Description: **Roots Medium Lateral**

Distance (ft): **102.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **103.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **LOOKS TO BE 100% PLUGGED WITH ROOTS. ROOTS GROWING FROM TH**

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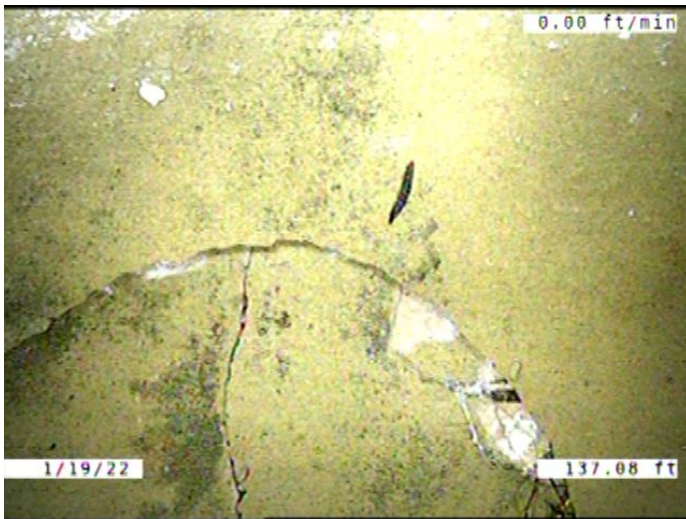




Code: **RMB**  
Description: **Roots Medium Barrel**

Distance (ft): **137.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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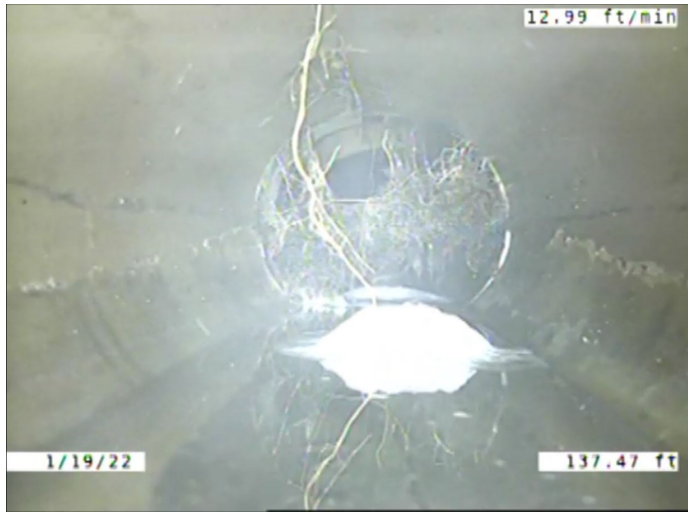


Code: **B**  
Description: **Broken**

Distance (ft): **137.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>RMB</b>
Description:	<b>Roots Medium Barrel</b>
Distance (ft):	<b>137.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	<b>12</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



Code:	<b>RMJ</b>
Description:	<b>Roots Medium Joint</b>
Distance (ft):	<b>139.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>9</b>
Clock To:	<b>3</b>
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



Code: **RML**  
 Description: **Roots Medium Lateral**

Distance (ft): **140.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **20.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

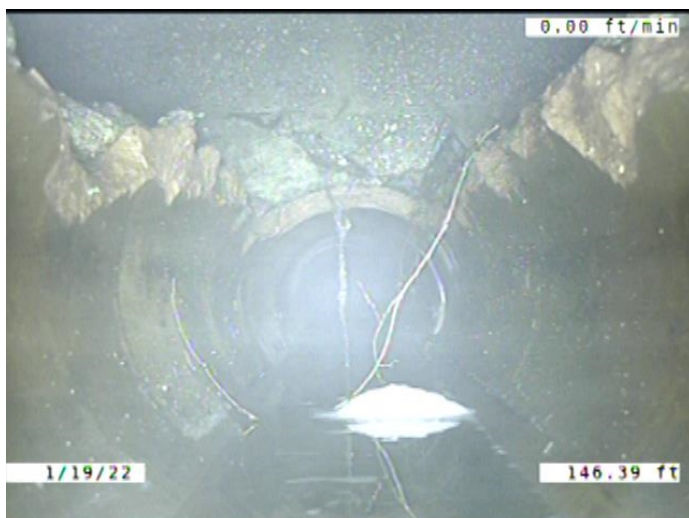


Code: **RML**  
 Description: **Roots Medium Lateral**

Distance (ft): **141.4**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent: **35.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

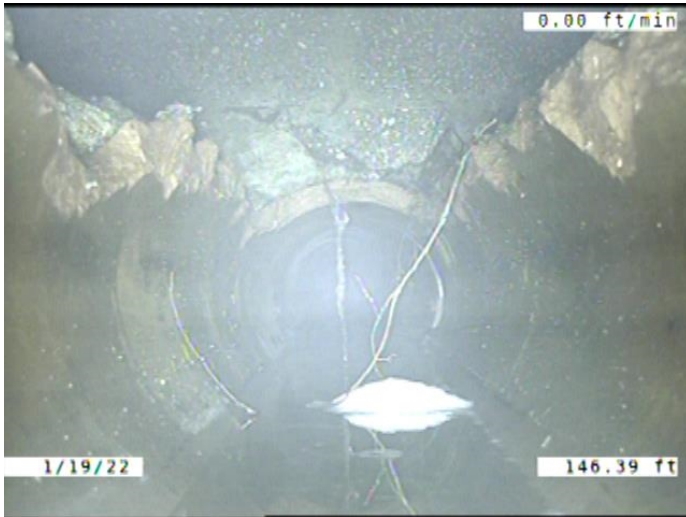


Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>141.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>BROKEN. ROOTS GROWING FROM THE TAP INTO THE MAIN.</b>



Code:	<b>DSF</b>
Description:	<b>Deposits Settled Fine</b>
Distance (ft):	<b>146.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>5</b>
Clock To:	<b>7</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>F01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	





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

Distance (ft): **146.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks:

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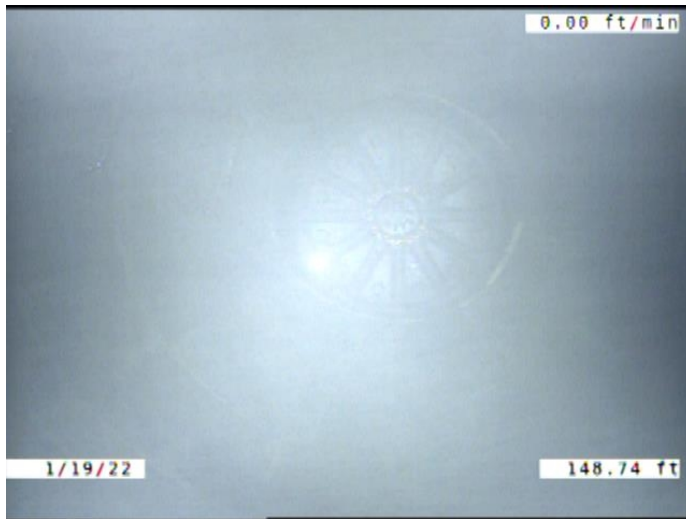


Code: **B**  
 Description: **Broken**

Distance (ft): **146.4**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks:

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Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>148.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-506-028</b>