

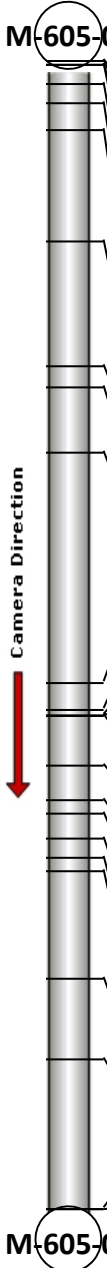
## Profile/Photo Observation Report

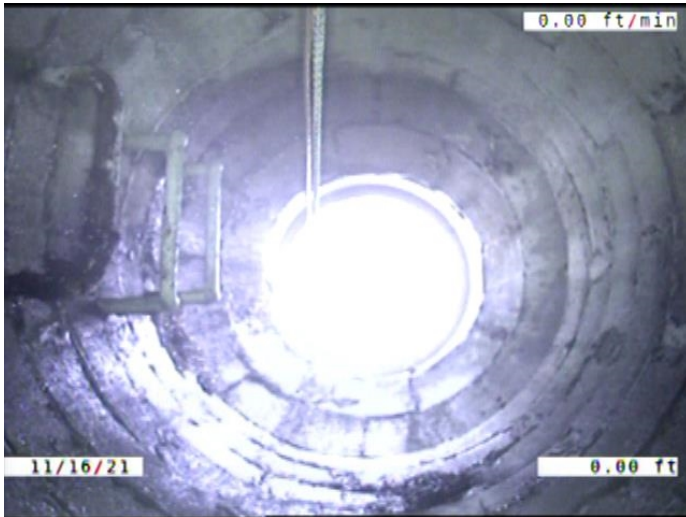


Date:	<b>11/16/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>173.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-605-020-018</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>11/16/2021</b>	Shape:	<b>C</b>

Street:	<b>Henry 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:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-605-018</b>	DS MH:	<b>M-605-020</b>
		Total Length Surveyed (ft):	<b>173.0</b>

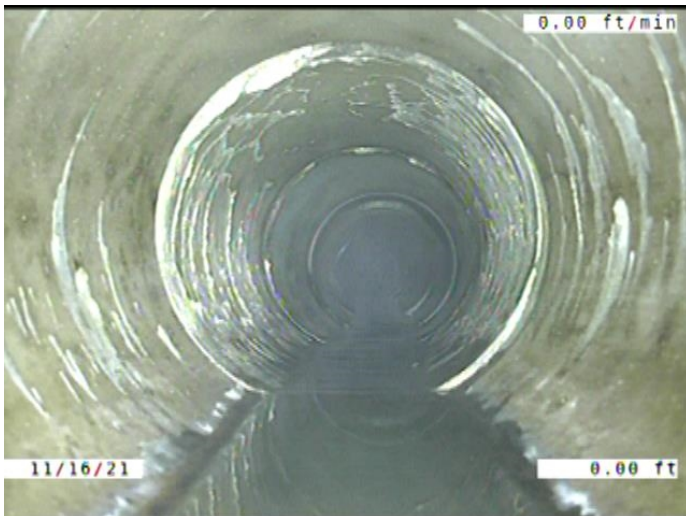
O&M Index:	<b>2.05</b>	O&M Quick:	<b>322F</b>	O&M Rating:	<b>80.00</b>
Structural Index:	<b>2.83</b>	Structural Quick:	<b>4138</b>	Structural Rating:	<b>34.00</b>
Overall Index:	<b>2.24</b>	Overall Quick:	<b>413A</b>	Overall Rating:	<b>114.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-605-018				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	69	NA
	.7	DAE(S01)	Deposits Attached Encrustation	124	M 2
	.7	DAE	Deposits Attached Encrustation	160	M 2
	3.6	CM	Crack Multiple	279	S 3
	6.5	TF	Tap Factory	340	NA
	10.3	CM	Crack Multiple	414	S 3
	27.2	TF	Tap Factory	571	NA
	46.0	TF	Tap Factory	727	NA
	49.1	CM	Crack Multiple	790	S 3
	59.1	DAE	Deposits Attached Encrustation	913	M 2
	93.6	TFD	Tap Factory Defective	1176	M 3
	97.7	TF	Tap Factory	1238	NA
	98.6	CM	Crack Multiple	1291	S 3
	98.6	JOMD	Joint Offset Medium Defective	1330	S 3
	98.6	JAL	Joint Angular Large	1350	S 4
	106.1	TFD	Tap Factory Defective	1444	M 3
	111.5	MWLS(S02)	Miscellaneous Water Level Sag	1496	S 2
	113.3	CM	Crack Multiple	1558	S 3
	117.3	CL	Crack Longitudinal	1596	S 2
	120.1	DAE	Deposits Attached Encrustation	1682	M 2
	122.2	MWLS(F02)	Miscellaneous Water Level Sag	1709	S 2
	138.3	JAM	Joint Angular Medium	1816	S 3
	150.3	CM	Crack Multiple	1920	S 3
	173.0	DAE(F01)	Deposits Attached Encrustation	2154	M 2
	173.0	AMH	Manhole	2178	NA
	M-605-020				



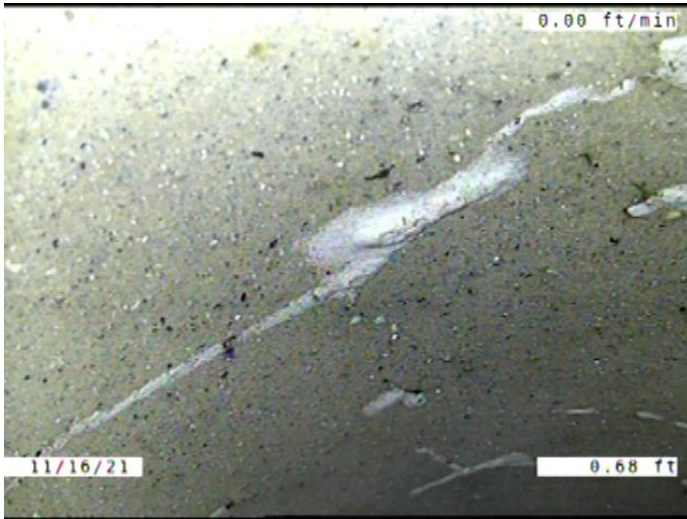
Code: **AMH**  
 Description: **Manhole**

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-605-018**



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:



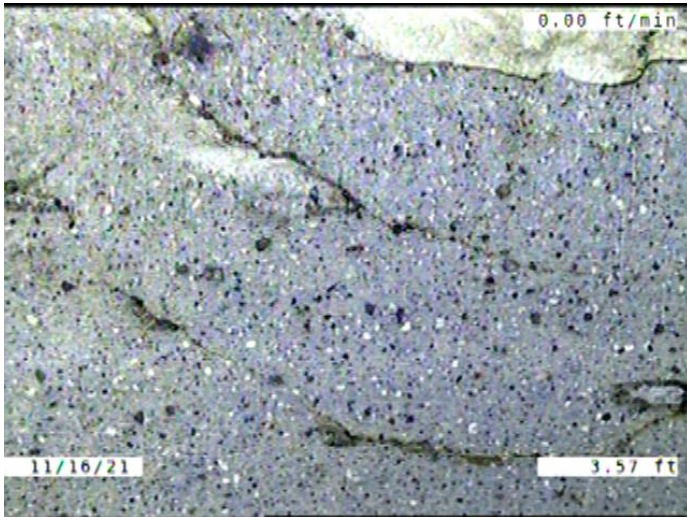
Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **.7**  
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:



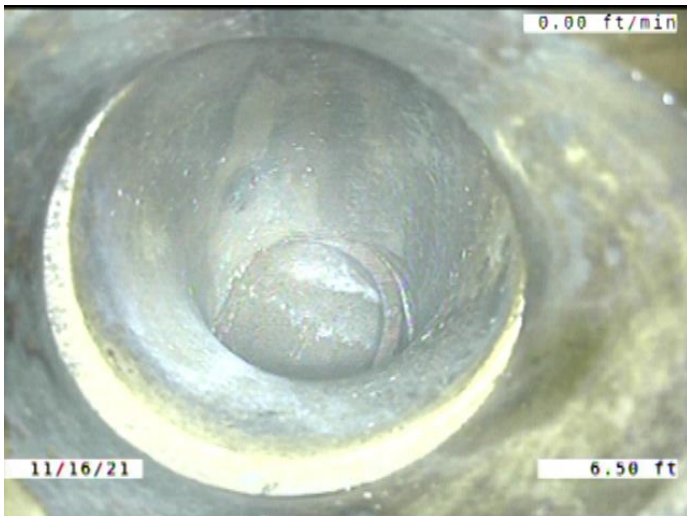
Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



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

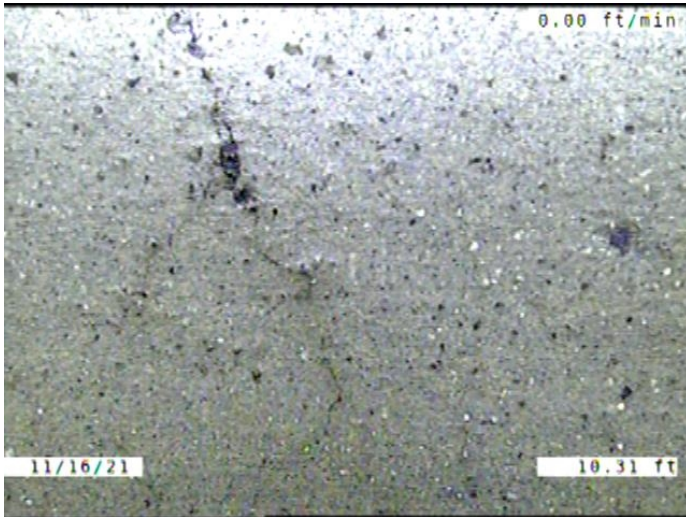
Distance (ft): **3.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

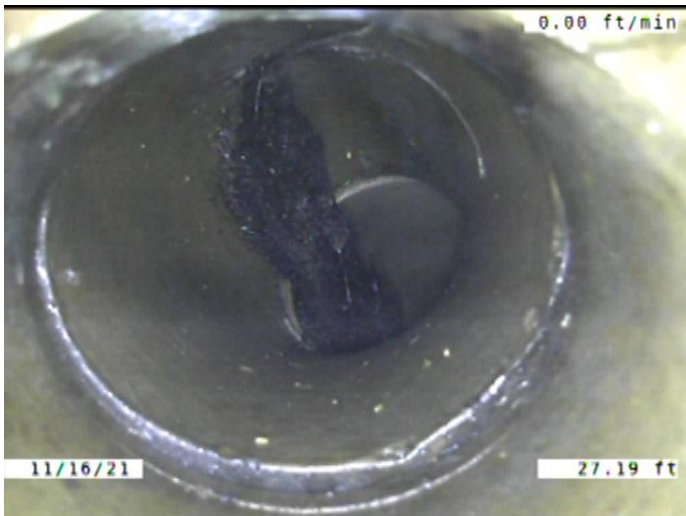
Distance (ft): **6.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





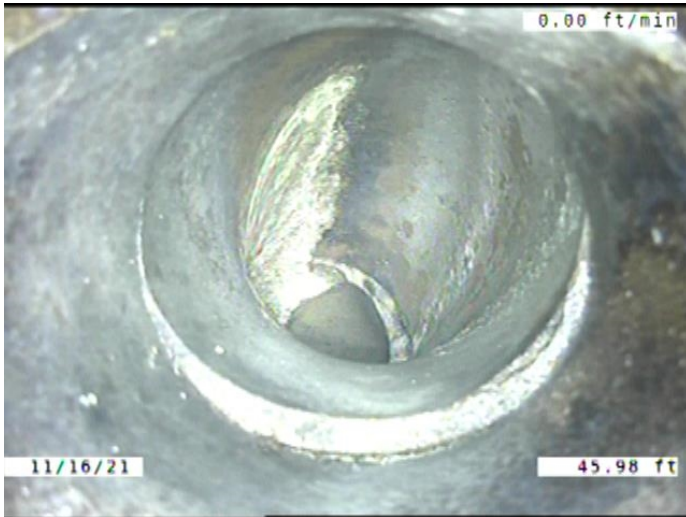
Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **10.3**  
Structural Grade: **3**  
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:



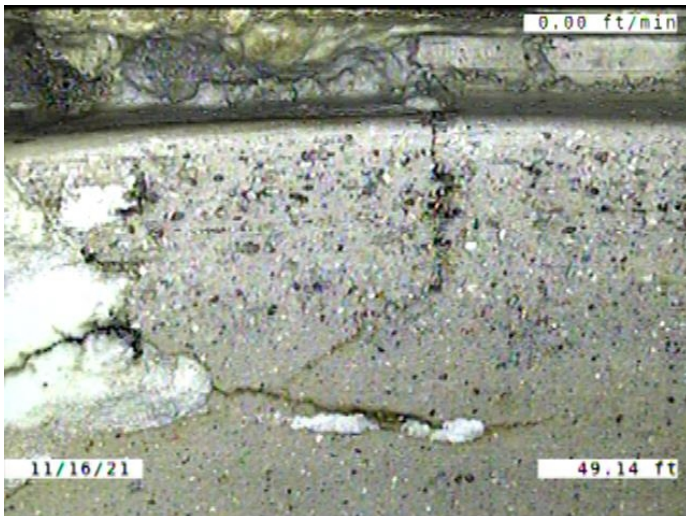
Code: **TF**  
Description: **Tap Factory**

Distance (ft): **27.2**  
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: **ROOTS GROWING IN THE TAP**



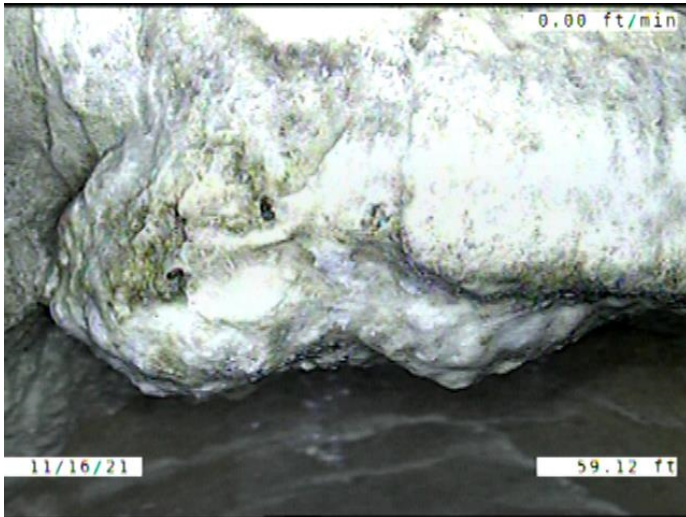
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **46.0**  
 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:



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

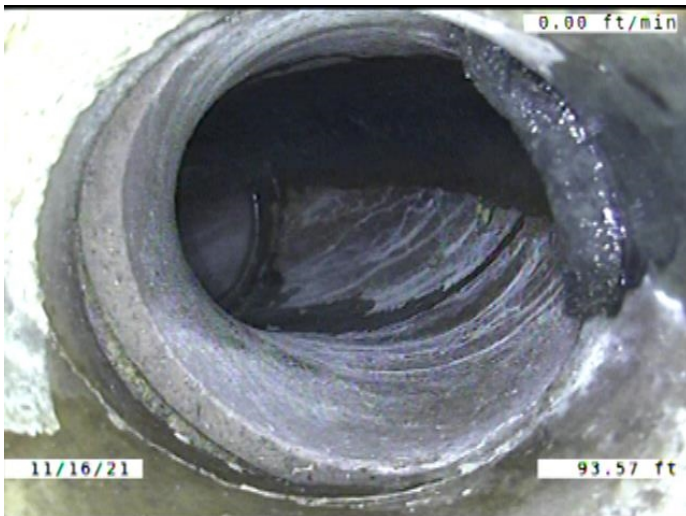
Distance (ft): **49.1**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **59.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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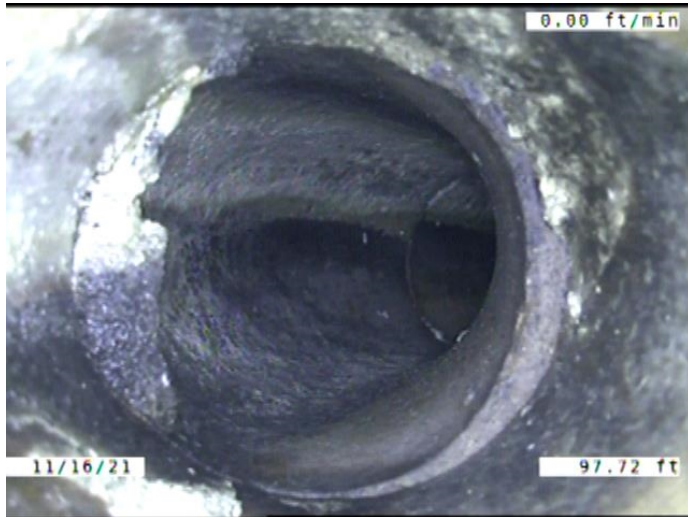


Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **93.6**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **OFFSET**

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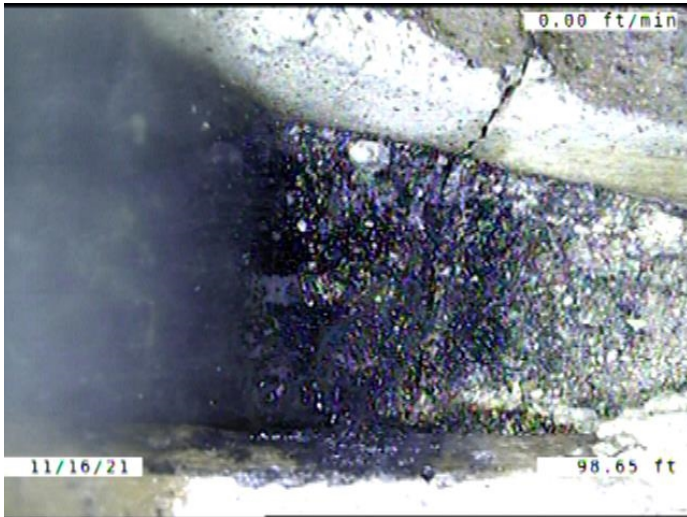
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **97.7**  
 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: **CM**  
 Description: **Crack Multiple**

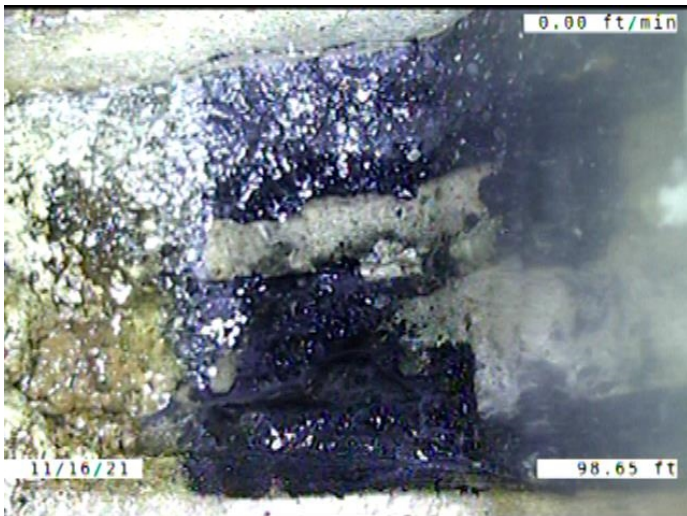
Distance (ft): **98.6**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To: **6**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **JOMD**  
Description: **Joint Offset Medium Defective**

Distance (ft): **98.6**  
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:

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Code: **JAL**  
Description: **Joint Angular Large**

Distance (ft): **98.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

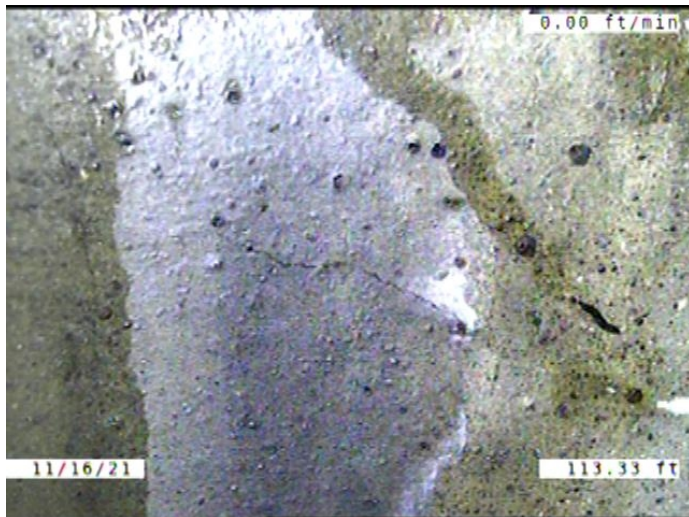
Distance (ft): **106.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCrustATION AROUND THE TAP. CONSTANTLY RUNNING WATER**



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

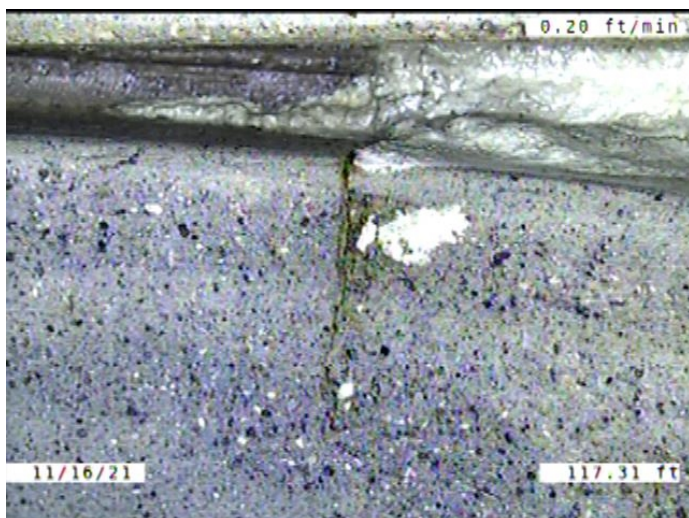
Distance (ft): **111.5**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **NO**  
 Remarks:





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

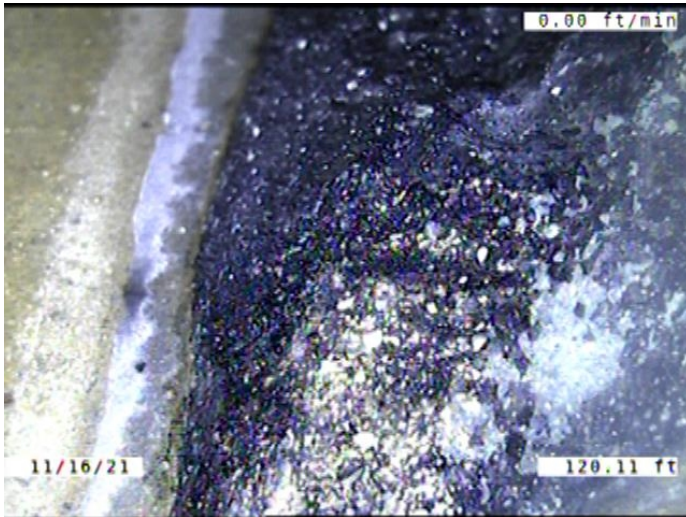
Distance (ft): **113.3**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From: **8**  
 Clock To: **9**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **117.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





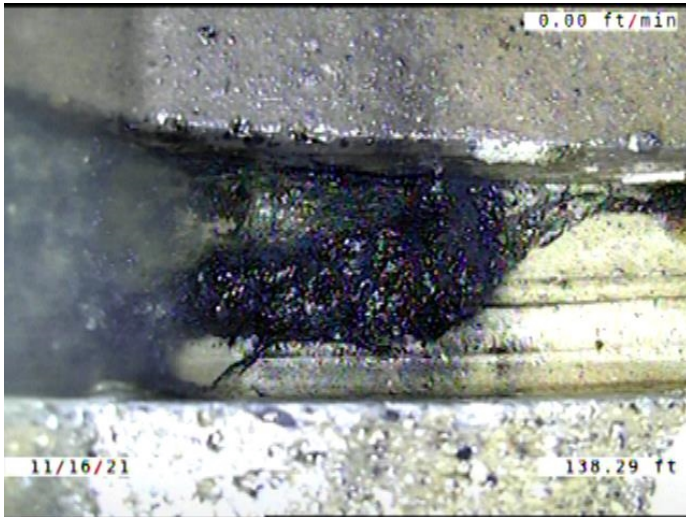
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **120.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



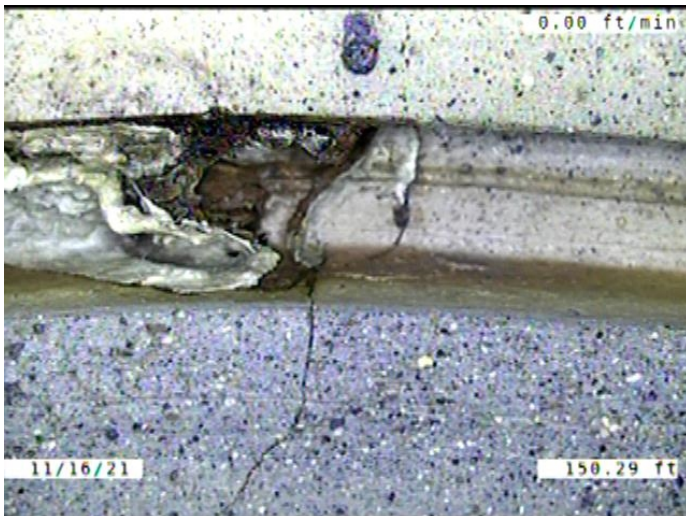
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **122.2**  
 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:



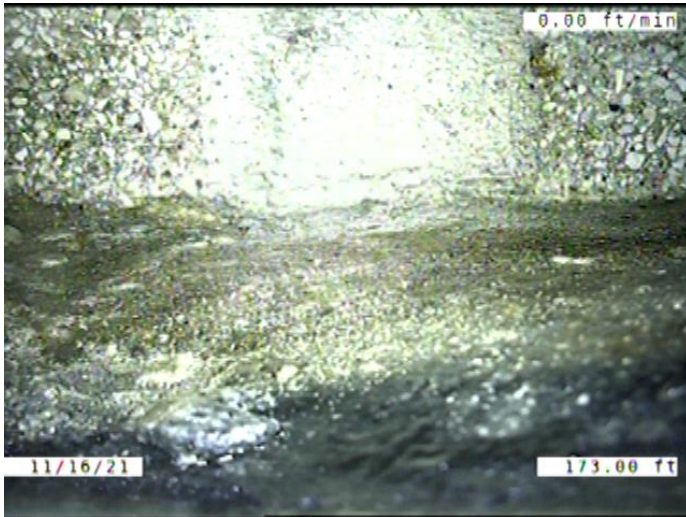
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **138.3**  
 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:



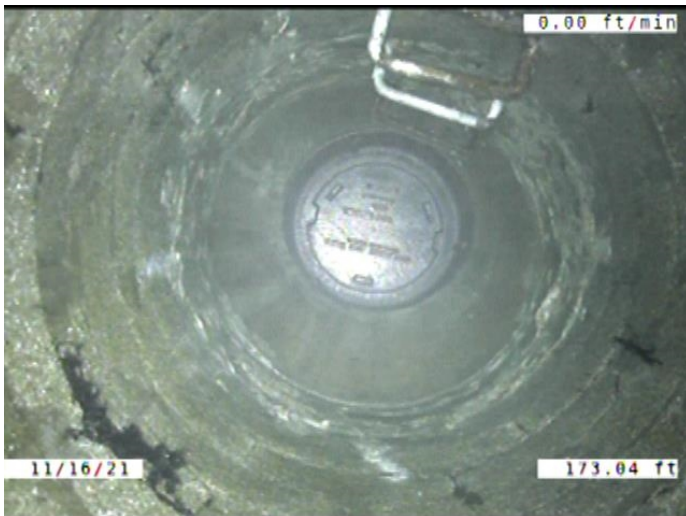
Code: **CM**  
 Description: **Crack Multiple**

Distance (ft): **150.3**  
 Structural Grade: **3**  
 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: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **173.0**  
 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): **173.0**  
 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-605-020**