

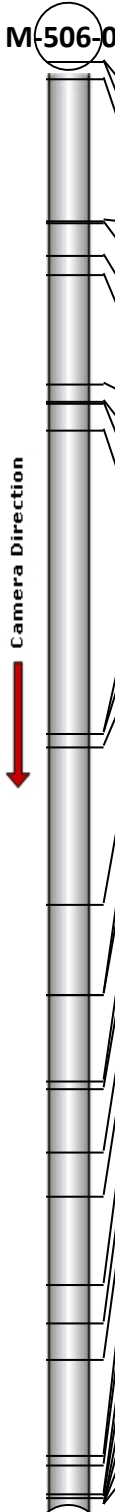
## Profile/Photo Observation Report

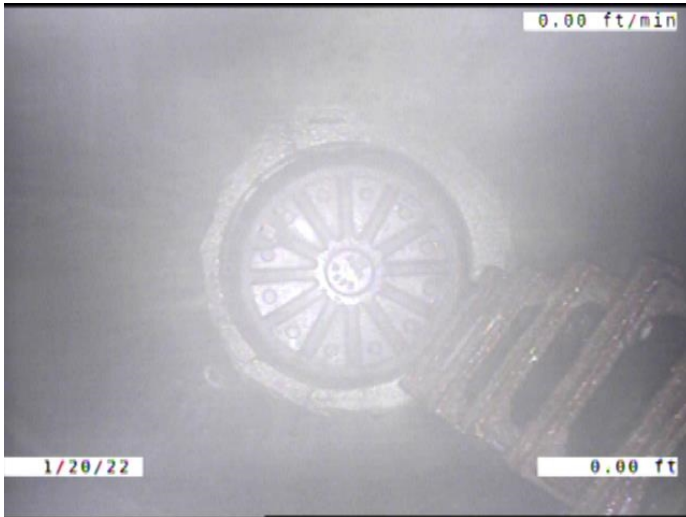


Date:	<b>01/20/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>202.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-506-014-013</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>01/16/2022</b>	Shape:	<b>C</b>

Street:	<b>West 7th Place</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>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-506-013</b>	DS MH:	<b>M-506-014</b>
		Total Length Surveyed (ft):	<b>199.0</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>2G00</b>	O&M Rating:	<b>84.00</b>
Structural Index:	<b>2.39</b>	Structural Quick:	<b>4135</b>	Structural Rating:	<b>43.00</b>
Overall Index:	<b>2.12</b>	Overall Quick:	<b>4135</b>	Overall Rating:	<b>127.00</b>

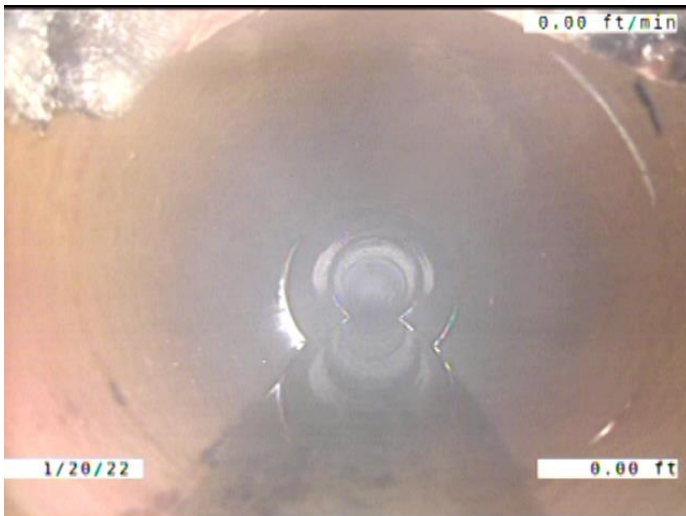
	Position	Code	Observation	Video (sec)	Grade
<b>M-506-013</b>					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	69	NA
	3.9	DAE(S01)	Deposits Attached Encrustation	162	M 2
	23.3	SSS	Surface Damage Surface Spalling	210	S 2
	23.6	TBI	Tap Break-in Intruding	233	M 2
	28.1	DSF	Deposits Settled Fine	277	M 2
	30.7	SSS	Surface Damage Surface Spalling	343	S 2
	45.5	TFC	Tap Factory Capped	415	NA
	47.9	SSS	Surface Damage Surface Spalling	476	S 2
	48.2	TBI	Tap Break-in Intruding	492	M 2
	51.8	TF	Tap Factory	534	NA
	93.4	JOM	Joint Offset Medium	753	S 3
	93.4	JAM	Joint Angular Medium	761	S 3
	95.1	MWLS(S02)	Miscellaneous Water Level Sag	790	S 2
	116.6	MWLS(F02)	Miscellaneous Water Level Sag	895	S 2
	129.0	JOM	Joint Offset Medium	955	S 3
	129.0	MWLS(S03)	Miscellaneous Water Level Sag	965	S 2
	140.7	MWLS(F03)	Miscellaneous Water Level Sag	1030	S 2
	141.8	FM	Fracture Multiple	1096	S 4
	150.6	MWLS(S04)	Miscellaneous Water Level Sag	1142	S 2
	156.5	MWLS(F04)	Miscellaneous Water Level Sag	1174	S 2
	168.5	MWLS	Miscellaneous Water Level Sag	1252	S 2
	173.8	TF	Tap Factory	1289	NA
	178.7	MWL	Miscellaneous Water Level	1328	NA
	191.9	JAM	Joint Angular Medium	1435	S 3
	193.3	MWLS(S05)	Miscellaneous Water Level Sag	1465	S 2
	197.2	TF	Tap Factory	1498	NA
	197.8	JOM	Joint Offset Medium	1550	S 3
	198.7	MSC	Miscellaneous Shape/Size Change	1578	NA
	198.7	MGO	Miscellaneous General Observation	1587	NA
	198.7	DAE(F01)	Deposits Attached Encrustation	1597	M 2
	198.7	MWLS(F05)	Miscellaneous Water Level Sag	1605	S 2
	199.0	MSA	Miscellaneous Survey Abandoned	1614	NA
<b>M-506-014</b>					



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-506-013**

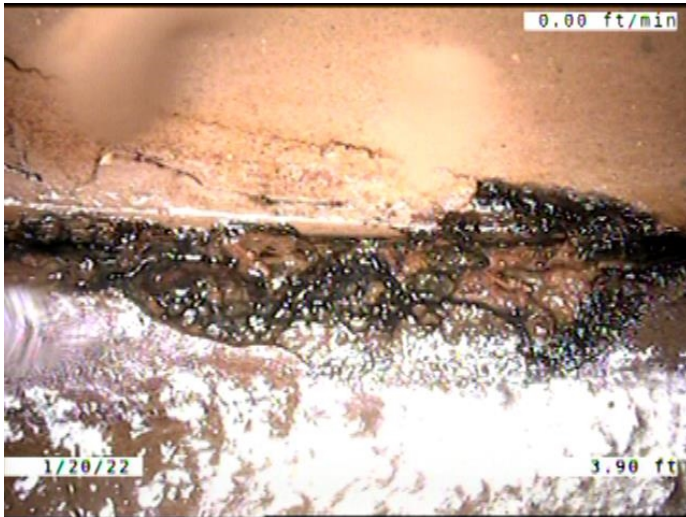
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Code: **MWL**  
Description: **Miscellaneous Water Level**

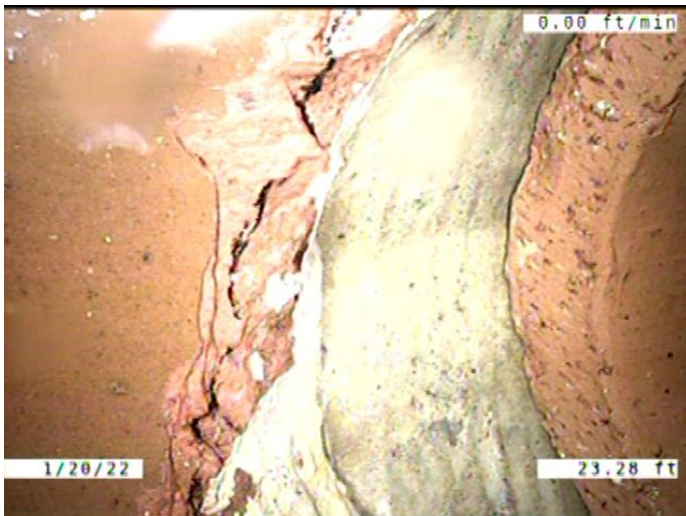
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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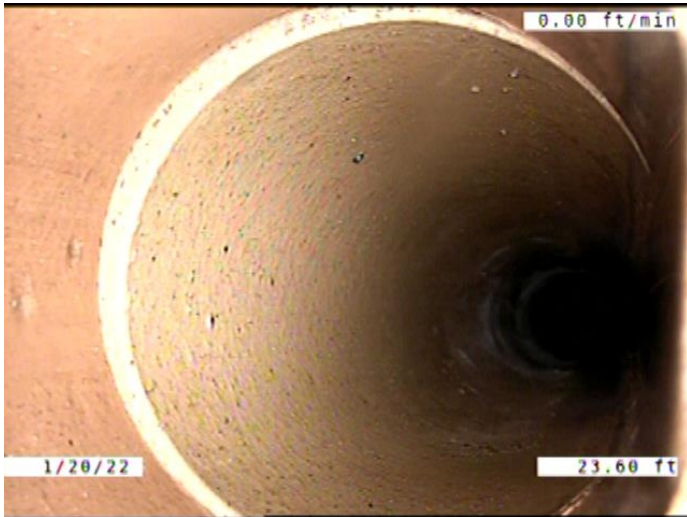
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **3.9**  
 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: **SSS**  
 Description: **Surface Damage Surface Spalling**

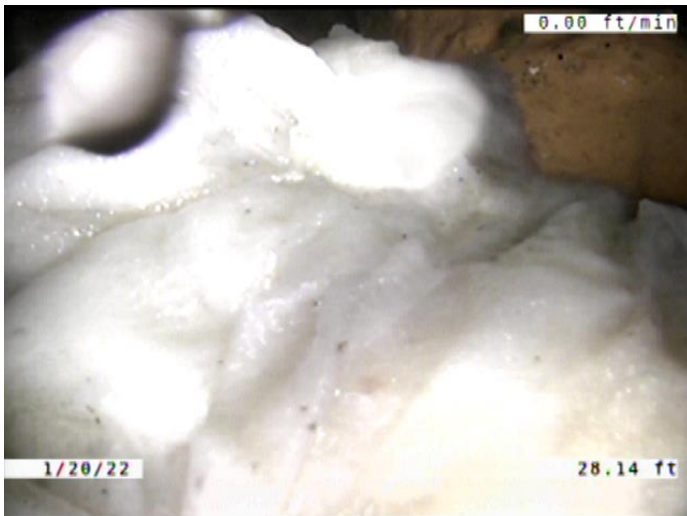
Distance (ft): **23.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **23.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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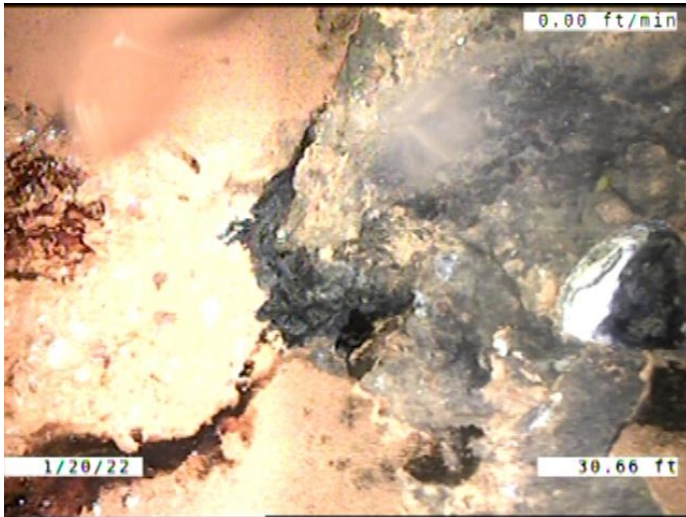


Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **28.1**  
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: **ALSO TP**

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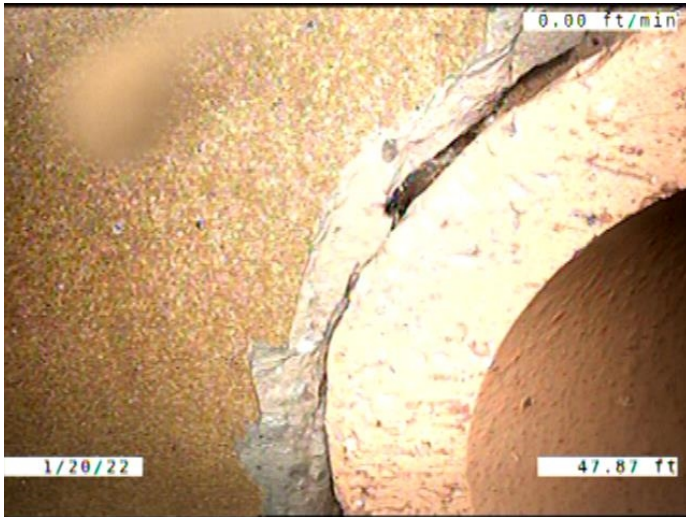
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **30.7**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **6**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



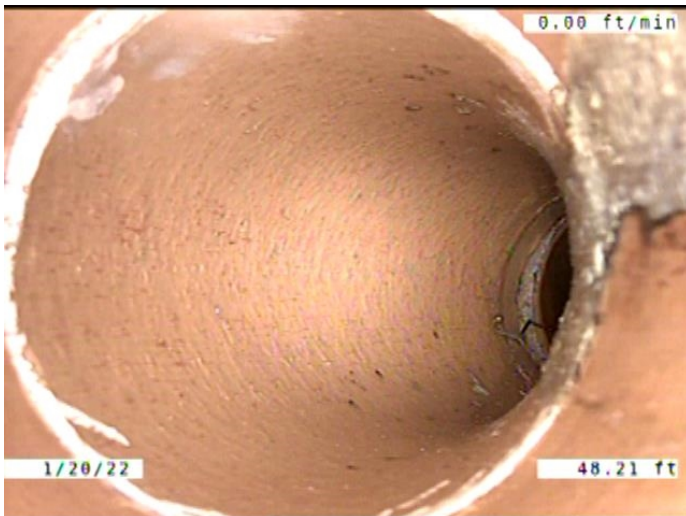
Code: **TFC**  
 Description: **Tap Factory Capped**

Distance (ft): **45.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



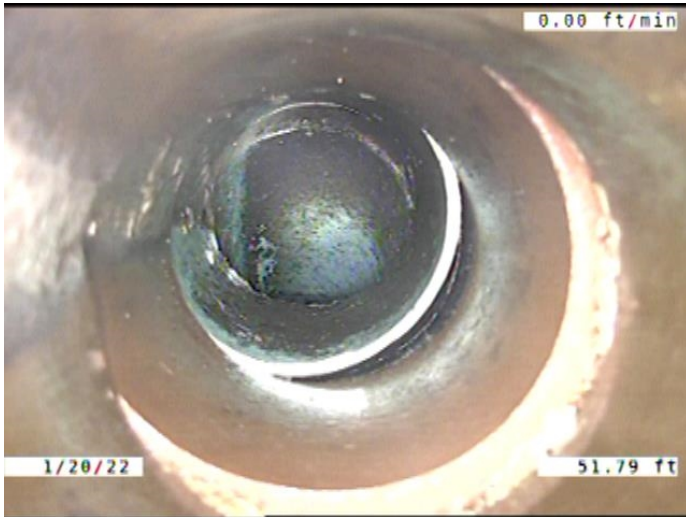
Code: **SSS**  
 Description: **Surface Damage Surface Spalling**

Distance (ft): **47.9**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **48.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCRUSTATION COMING DOWN THE SERVICE**



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

Distance (ft): **51.8**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **2 OFFSET JOINTS VISIBLE**



Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **93.4**  
 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:





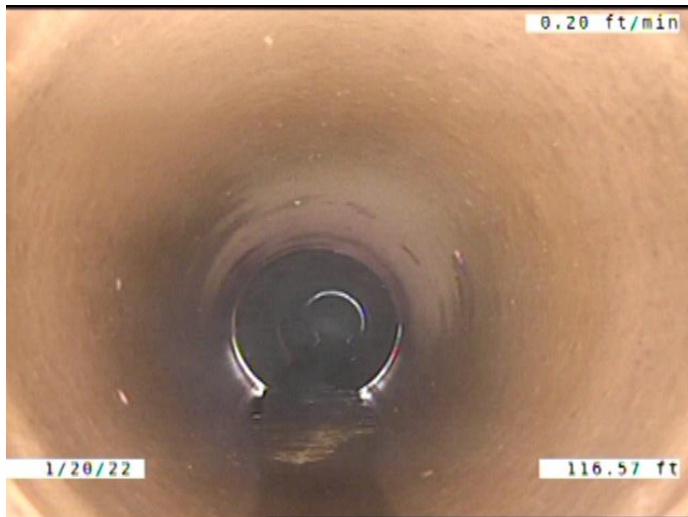
Code: **JAM**  
 Description: **Joint Angular Medium**

Distance (ft): **93.4**  
 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: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

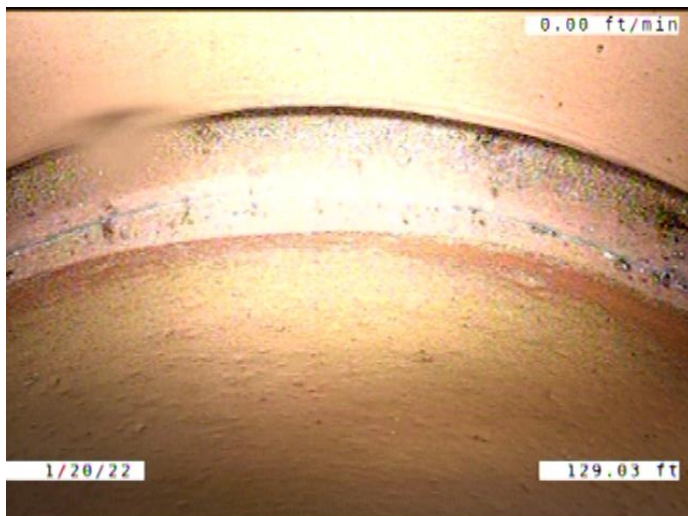
Distance (ft): **95.1**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **116.6**  
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:

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Code: **JOM**  
Description: **Joint Offset Medium**

Distance (ft): **129.0**  
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: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **129.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **NO**  
Remarks:

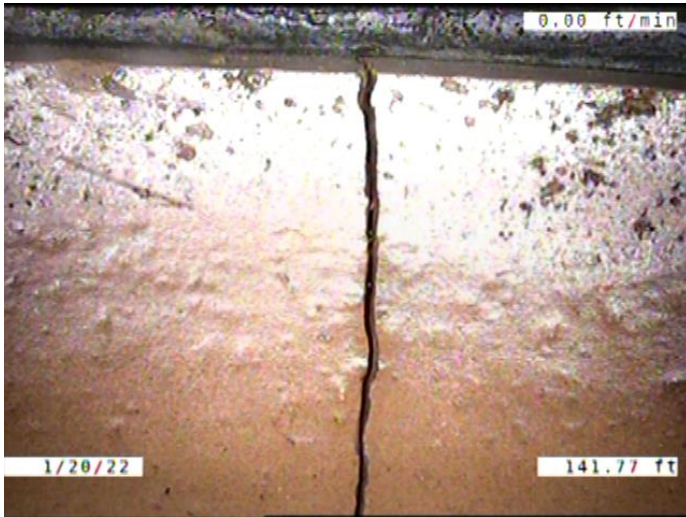
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **140.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F03**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **141.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **12**  
 Clock To: **12**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **150.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S04**  
 Within 8" of Joint: **NO**  
 Remarks:

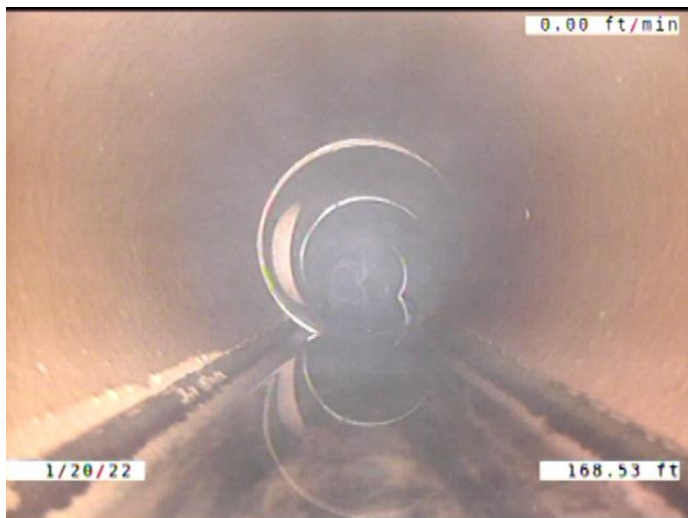




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **156.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F04**  
Within 8" of Joint: **NO**  
Remarks:

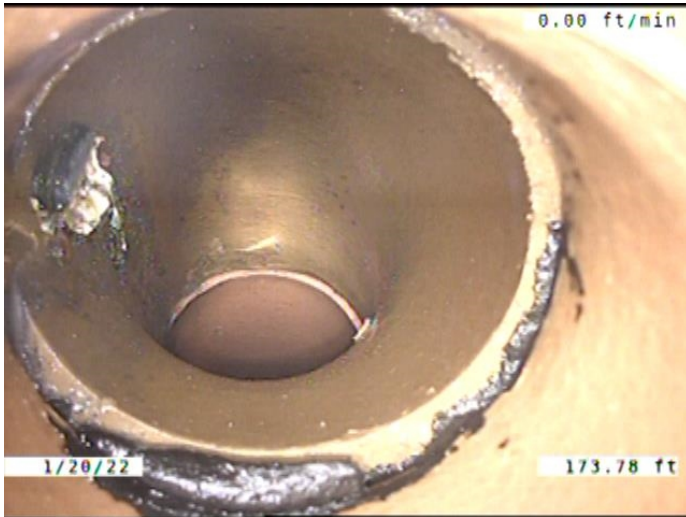
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

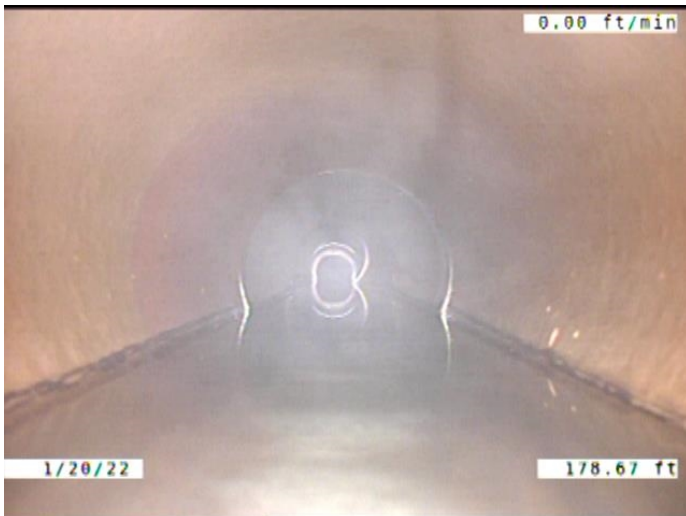
Distance (ft): **168.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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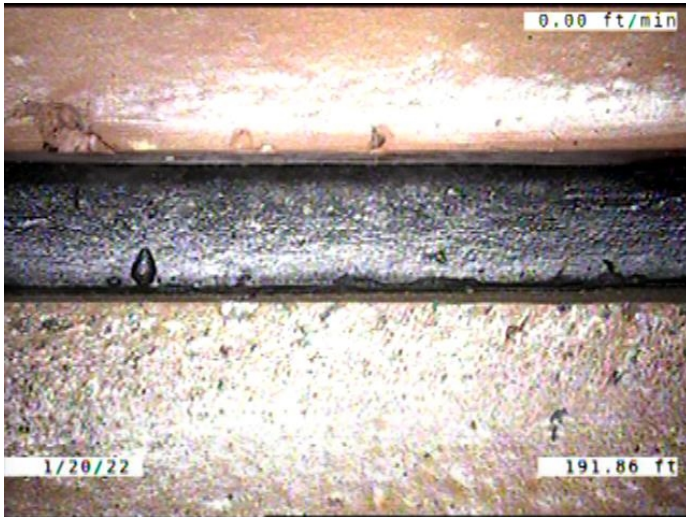
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **173.8**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **9**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

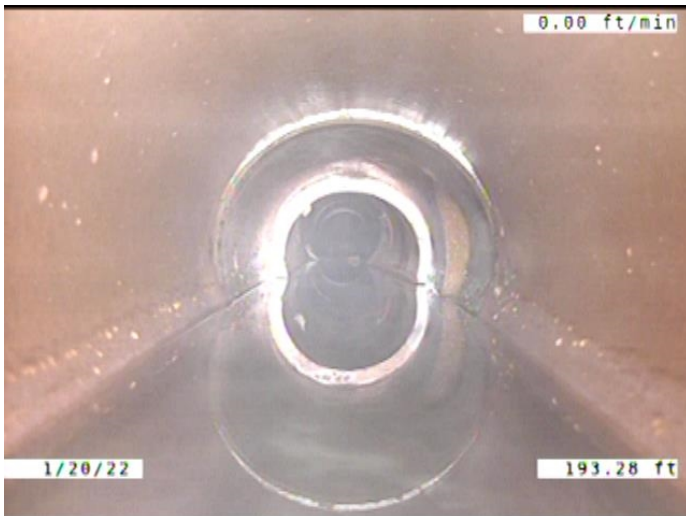
Distance (ft): **178.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **191.9**  
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:

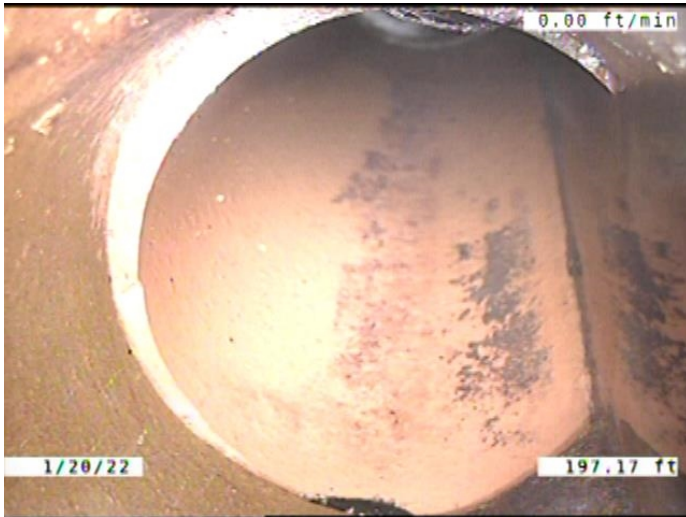
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **193.3**  
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:

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

Distance (ft): **197.2**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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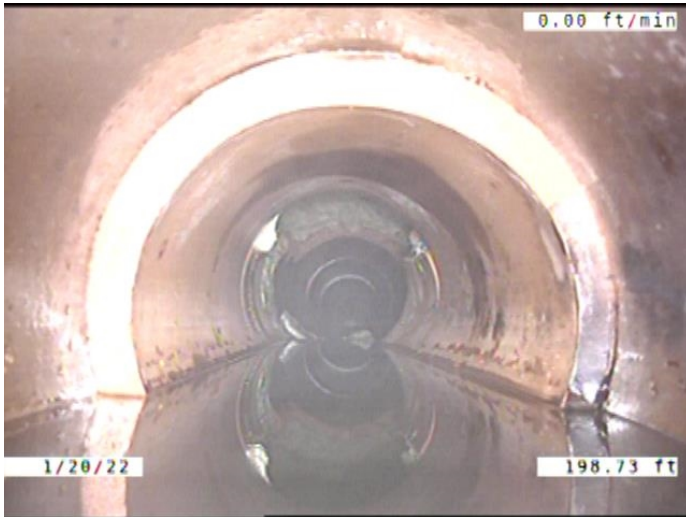


Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **197.8**  
 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: **MSC**  
Description: **Miscellaneous Shape/Size Change**

Distance (ft): **198.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value: **8.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

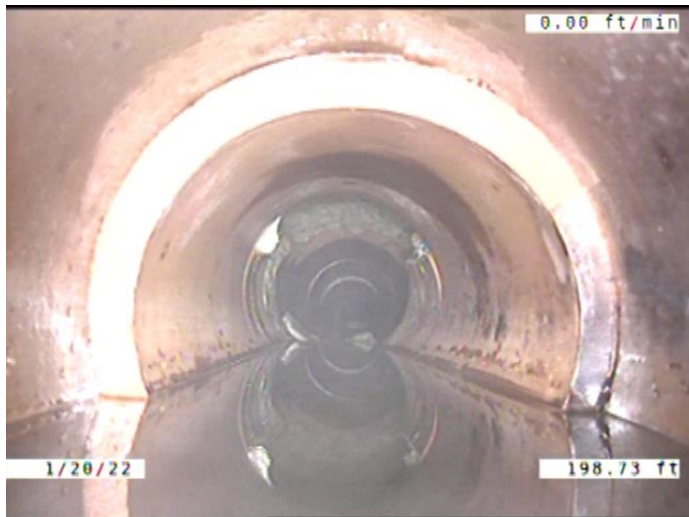
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Code: **MGO**  
Description: **Miscellaneous General Observation**

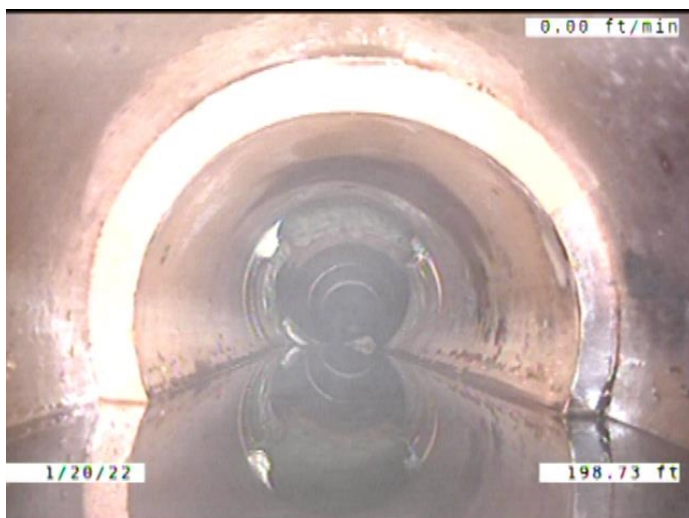
Distance (ft): **198.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **PIPE CHANGES FROM 10" TO 8" AT THE MANHOLE BUT THEN LOOKS TO**

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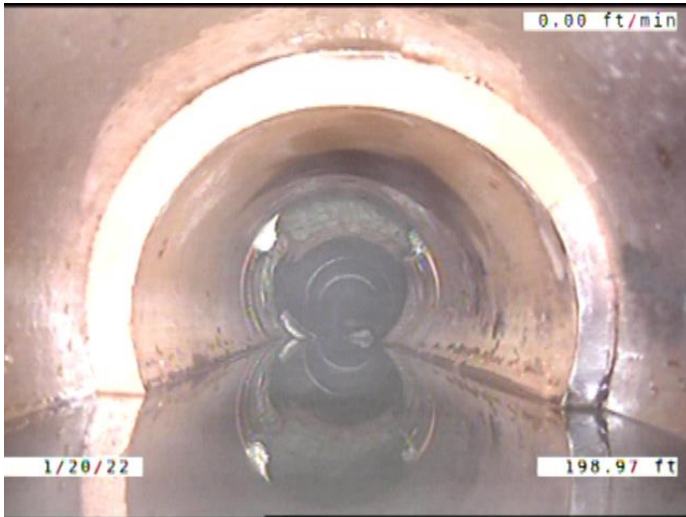
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **198.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **198.7**  
 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:	<b>MSA</b>
Description:	<b>Miscellaneous Survey Abandoned</b>
Distance (ft):	<b>199.0</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>CAMERA CANT FIT INTO 8" PIPE.</b>