

## Profile/Photo Observation Report



Date:	<b>01/21/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>201.2</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-506-011-010</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>01/17/2022</b>	Shape:	<b>C</b>

Street:	<b>South Colorado 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:

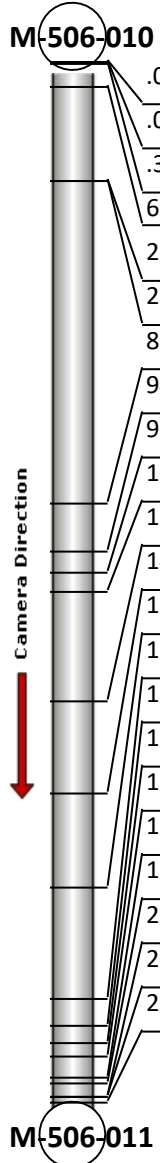
**Downstream**

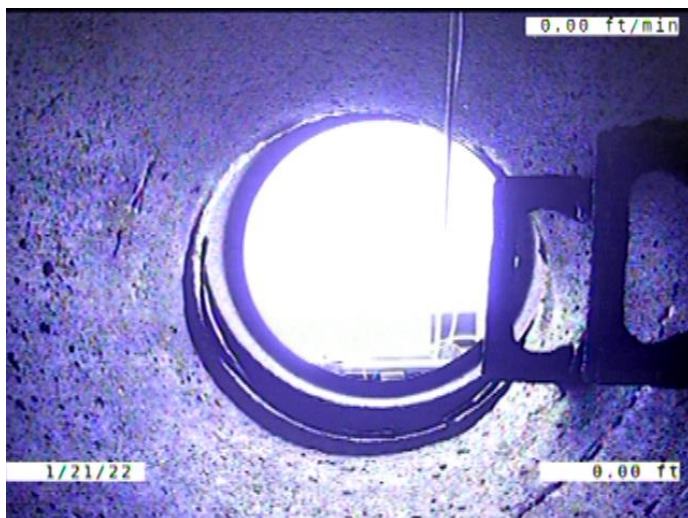
US MH: **M-506-010**

DS MH: **M-506-011**

Total Length Surveyed (ft): **201.2**

O&M Index:	<b>2.03</b>	O&M Quick:	<b>412K</b>	O&M Rating:	<b>132.00</b>
Structural Index:	<b>2.67</b>	Structural Quick:	<b>4232</b>	Structural Rating:	<b>24.00</b>
Overall Index:	<b>2.11</b>	Overall Quick:	<b>4332</b>	Overall Rating:	<b>156.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-506-010				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	71	NA
	.3	DSF(S01)	Deposits Settled Fine	92	M 2
	6.9	JAM	Joint Angular Medium	125	S 3
	22.9	IWJ	Infiltration Weeper Joint	239	M 2
	22.9	DAE	Deposits Attached Encrustation	248	M 2
	85.5	MWLS	Miscellaneous Water Level Sag	473	S 2
	94.7	DAE	Deposits Attached Encrustation	519	M 2
	98.6	DAE	Deposits Attached Encrustation	557	M 2
	102.6	DAE(S02)	Deposits Attached Encrustation	610	M 2
	123.7	TF	Tap Factory	702	NA
	141.4	TF	Tap Factory	817	NA
	159.6	MWLS(S03)	Miscellaneous Water Level Sag	899	S 2
	181.0	MWLS(F03)	Miscellaneous Water Level Sag	983	S 2
	186.3	MWLS(S04)	Miscellaneous Water Level Sag	1011	S 4
	189.8	JOM	Joint Offset Medium	1038	S 3
	192.3	MCU(S05)	Miscellaneous Camera Underwater	1074	M 4
	196.4	MCU(F05)	Miscellaneous Camera Underwater	1123	M 4
	197.6	MWLS(F04)	Miscellaneous Water Level Sag	1144	S 4
	200.2	DSF(F01)	Deposits Settled Fine	1164	M 2
	200.2	DAE(F02)	Deposits Attached Encrustation	1172	M 2
	201.2	AMH	Manhole	1248	NA
	M-506-011				



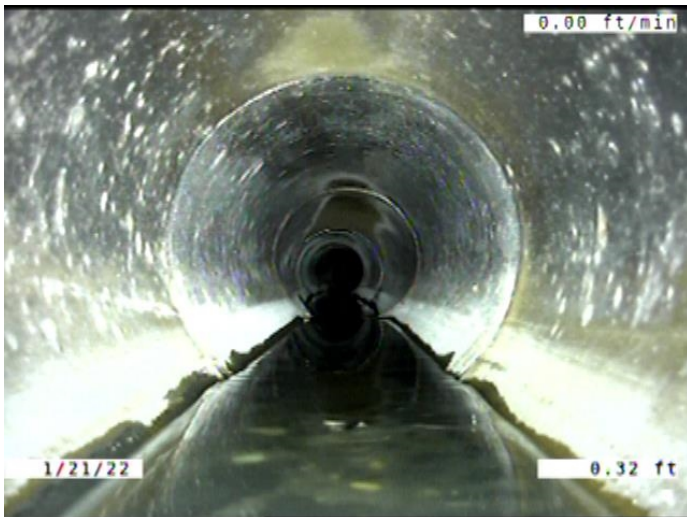
Code: **AMH**  
Description: **Manhole**

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-506-010**



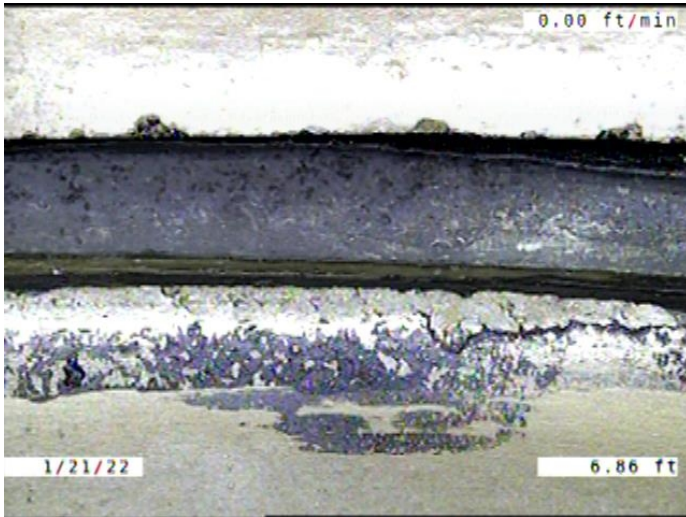
Code:	<b>MWL</b>
Description:	<b>Miscellaneous Water Level</b>
Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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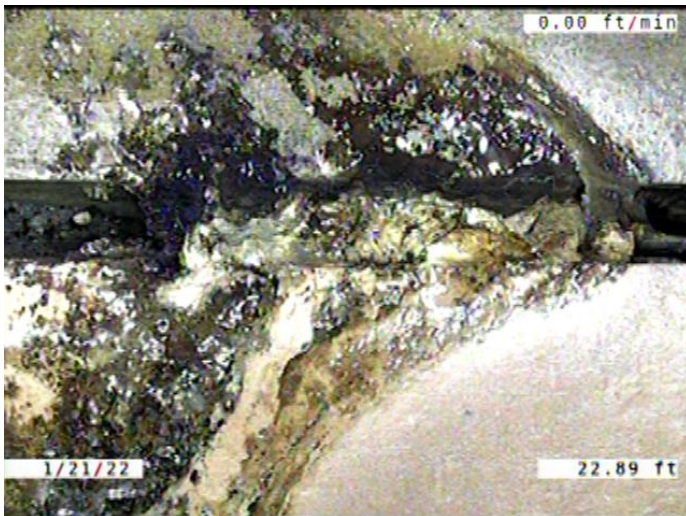
Code:	<b>DSF</b>
Description:	<b>Deposits Settled Fine</b>
Distance (ft):	<b>.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>5</b>
Clock To:	<b>7</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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

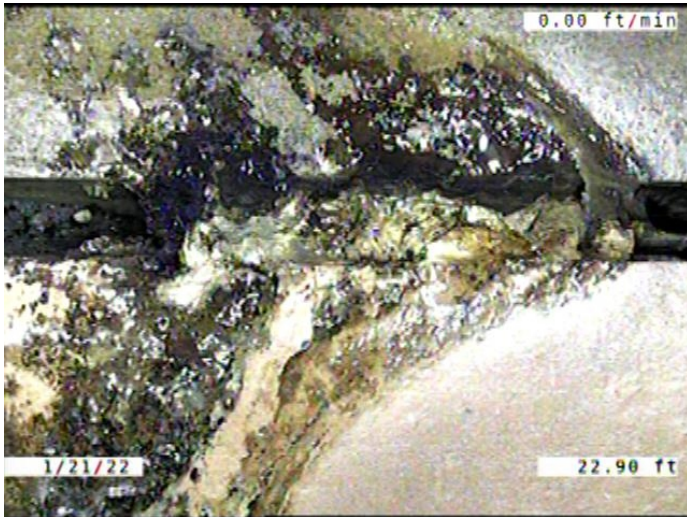
Distance (ft): **6.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **IWJ**  
 Description: **Infiltration Weeper Joint**

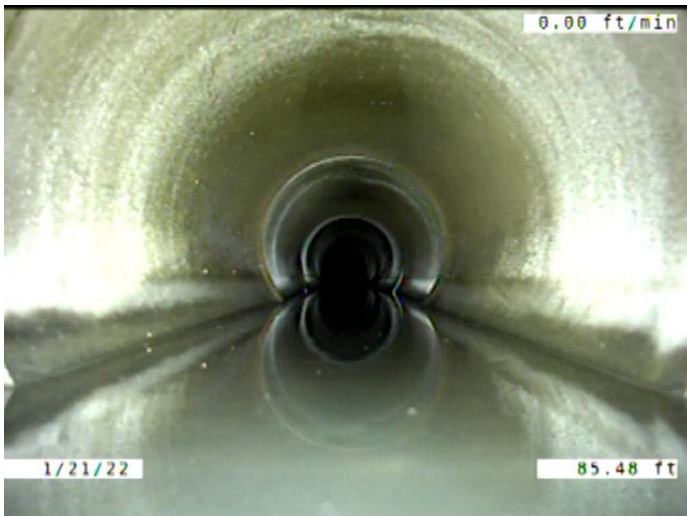
Distance (ft): **22.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





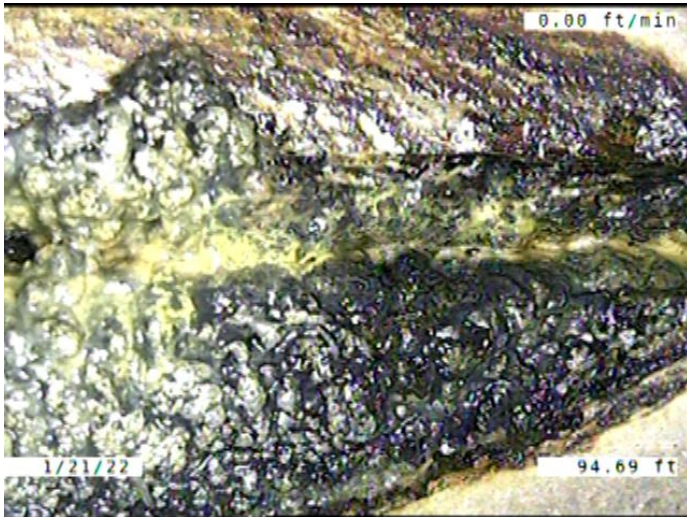
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **22.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **4**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



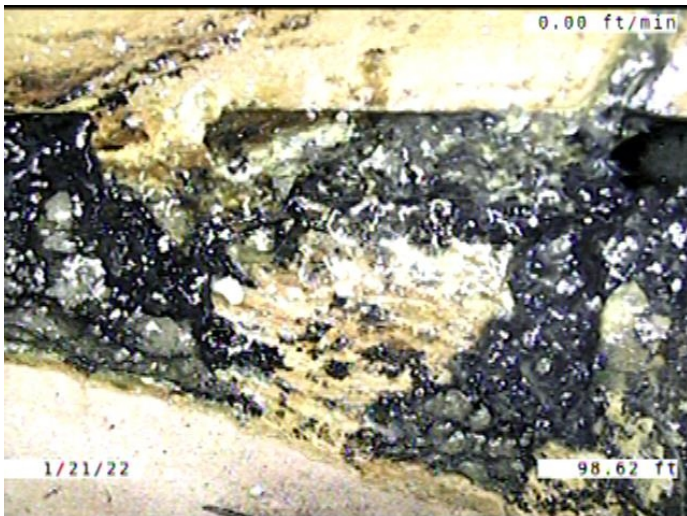
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **85.5**  
 Structural Grade: **2**  
 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:



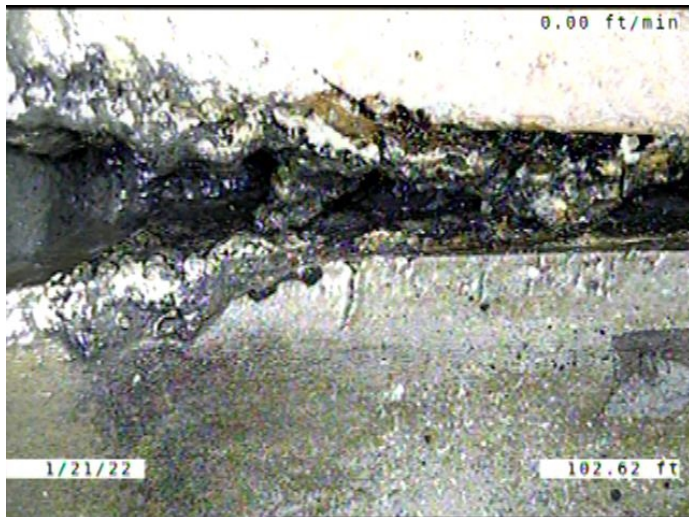
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **94.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **8**  
 Clock To: **10**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



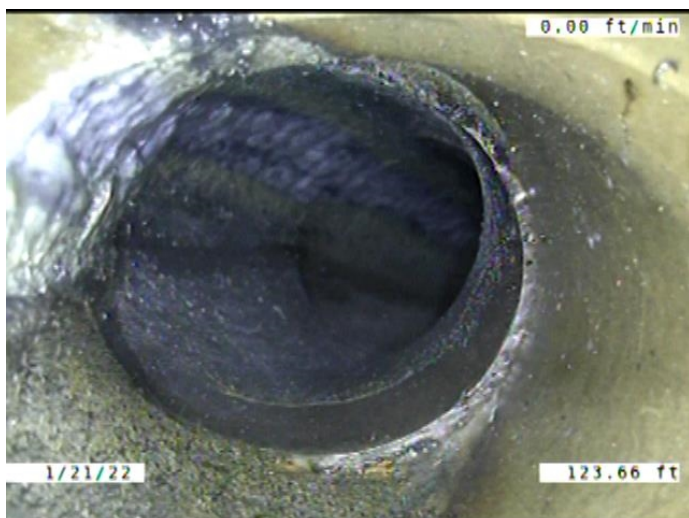
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **98.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

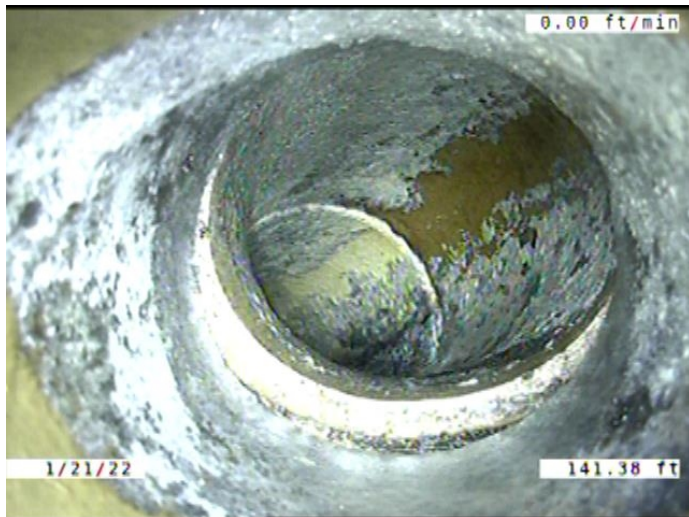
Distance (ft): **102.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

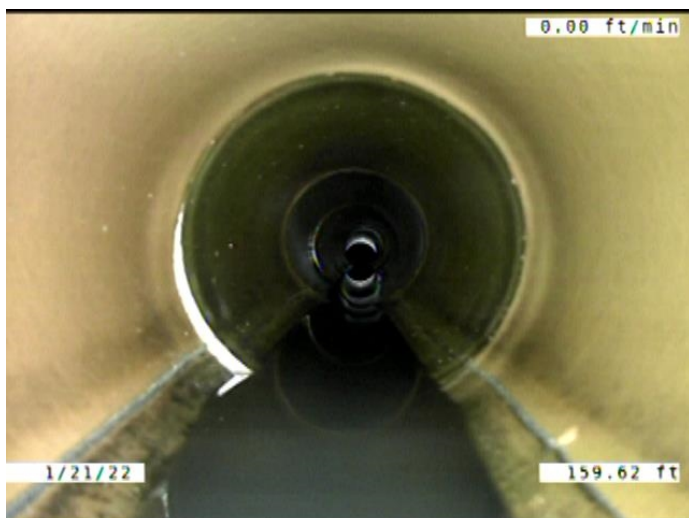
Distance (ft): **123.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCUSTATION COMING FROM THE TAP TO MAIN CONNECTION. ALSO H**





Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>141.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ENCUSTATION COMING FROM THE TAP TO MAIN CONNECTION. ALSO H</b>

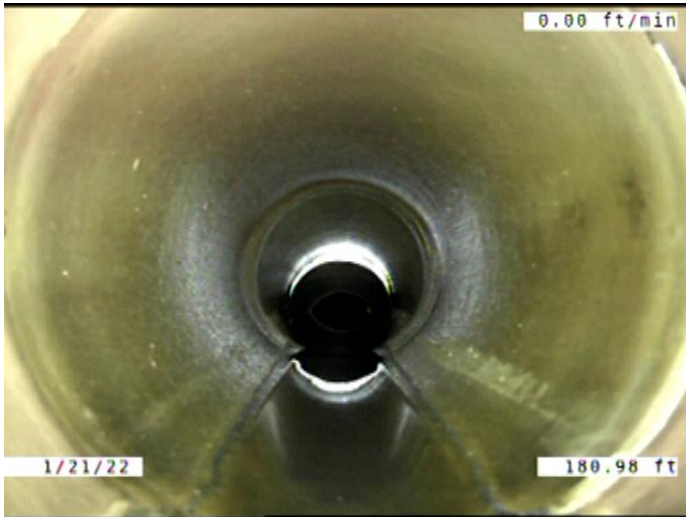
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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>159.6</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S03</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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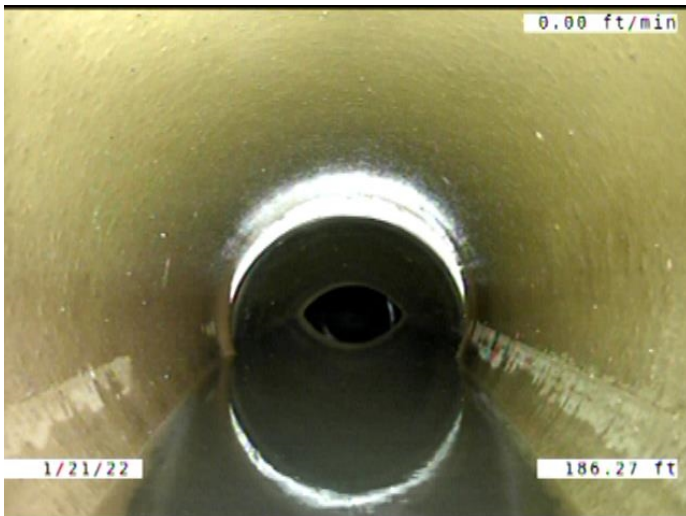




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **181.0**  
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:

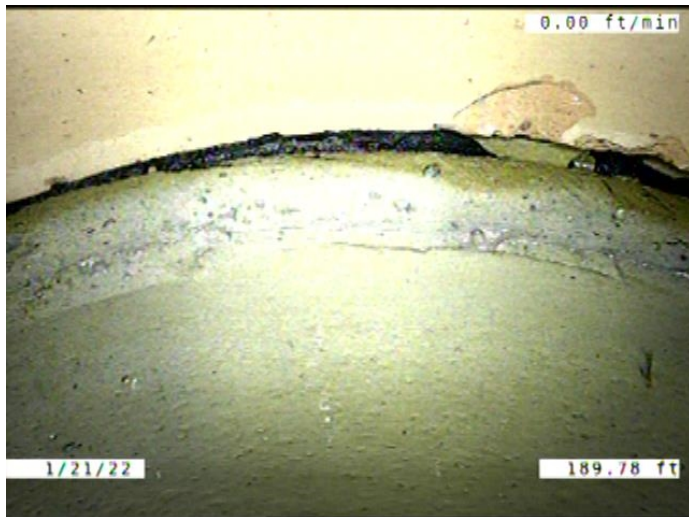
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **186.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **65.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

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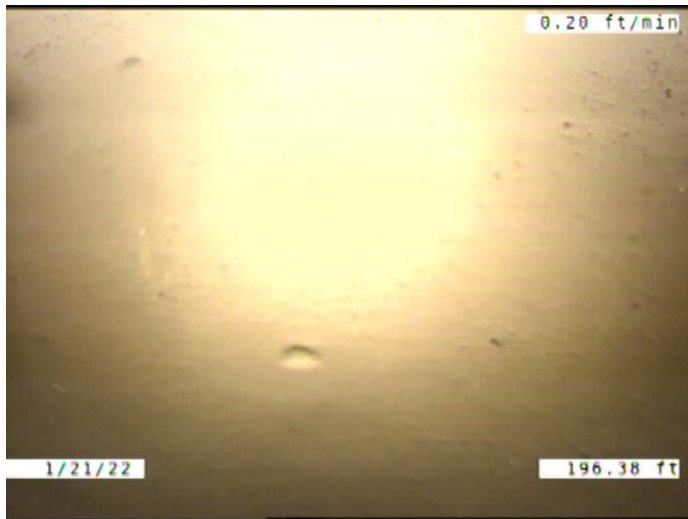
Code: **JOM**  
 Description: **Joint Offset Medium**

Distance (ft): **189.8**  
 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:



Code: **MCU**  
 Description: **Miscellaneous Camera Underwater**

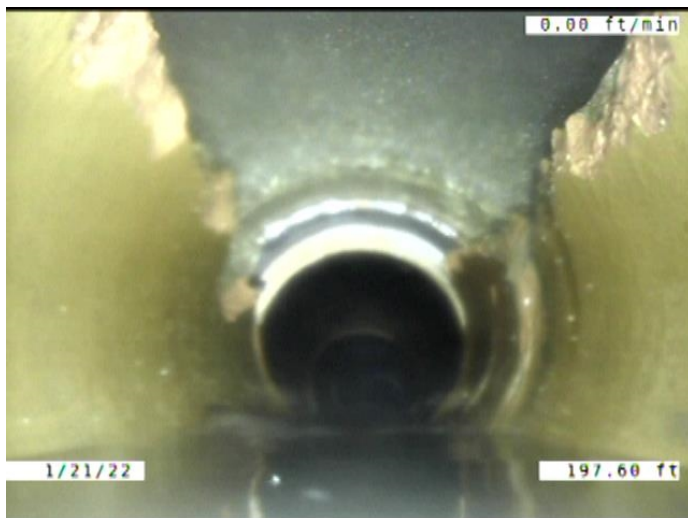
Distance (ft): **192.3**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S05**  
 Within 8" of Joint: **NO**  
 Remarks:



Code: **MCU**  
 Description: **Miscellaneous Camera Underwater**

Distance (ft): **196.4**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F05**  
 Within 8" of Joint: **NO**  
 Remarks:

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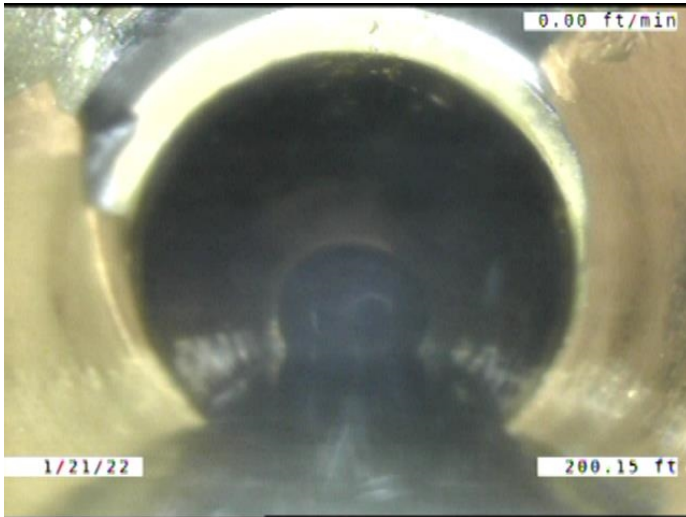


Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **197.6**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **65.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **NO**  
 Remarks:

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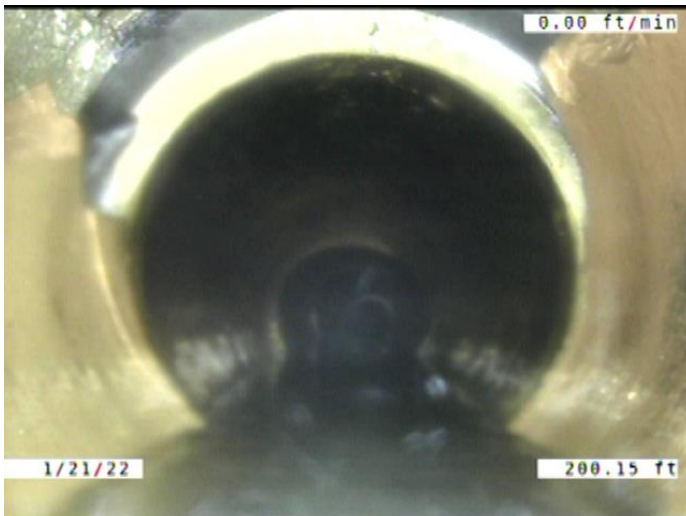




Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **200.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

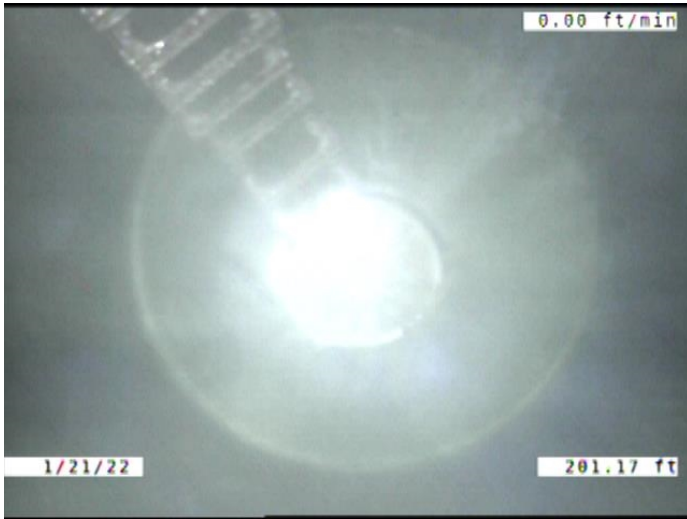
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **200.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>201.2</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-506-011</b>