

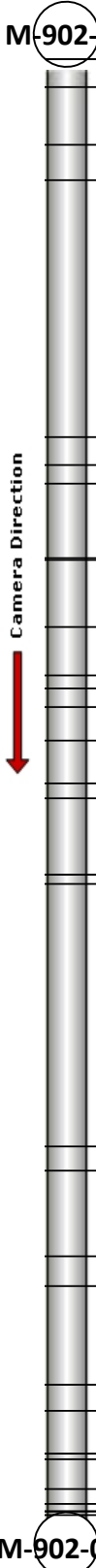
## Profile/Photo Observation Report

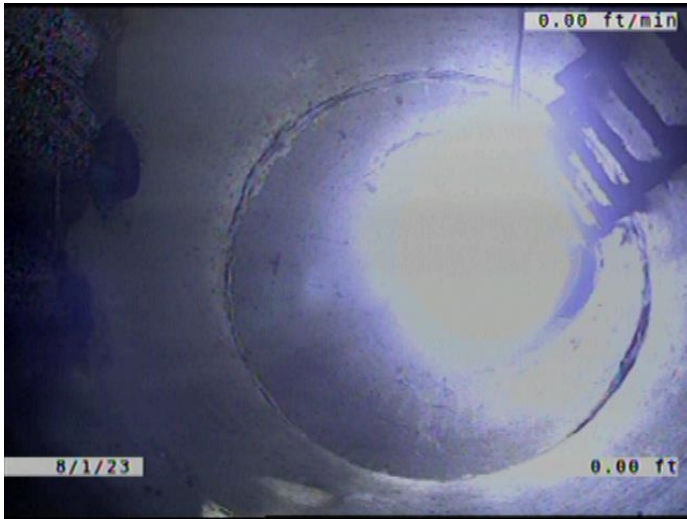


Date:	<b>08/01/2023</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>196.7</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-902-015-019B</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>07/20/2023</b>	Shape:	<b>C</b>

Street:	<b>East 34th Court</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Easement/Right of Way</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-902-015</b>	DS MH:	<b>M-902-019B</b>
		Total Length Surveyed (ft):	<b>338.5</b>

O&M Index:	<b>2.00</b>	O&M Quick:	<b>412A</b>	O&M Rating:	<b>28.00</b>
Structural Index:	<b>2.14</b>	Structural Quick:	<b>432F</b>	Structural Rating:	<b>90.00</b>
Overall Index:	<b>2.11</b>	Overall Quick:	<b>442I</b>	Overall Rating:	<b>118.00</b>

	Position	Code	Observation	Video (sec)	Grade
 Camera Direction	M-902-015				
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	99	NA
	9.0	DAE	Deposits Attached Encrustation	182	M 2
	19.7	MWLS(S02)	Miscellaneous Water Level Sag	233	S 2
	28.2	MWLS(F02)	Miscellaneous Water Level Sag	281	S 2
	88.0	MWLS(S03)	Miscellaneous Water Level Sag	524	S 2
	94.2	ISJ	Infiltration Stain Joint	653	M 1
	98.6	DSF(S04)	Deposits Settled Fine	705	M 2
	116.0	MWLS(F03)	Miscellaneous Water Level Sag	805	S 2
	116.3	DSF(F04)	Deposits Settled Fine	817	M 2
	132.2	MWLS(S05)	Miscellaneous Water Level Sag	880	S 2
	143.2	MWLS(F05)	Miscellaneous Water Level Sag	987	S 2
	146.3	ISB	Infiltration Stain Barrel	1036	M 1
	150.7	MWLS(S06)	Miscellaneous Water Level Sag	1068	S 2
	158.5	MWLS(F06)	Miscellaneous Water Level Sag	1146	S 2
	168.4	MWLS(S07)	Miscellaneous Water Level Sag	1190	S 2
	171.9	DSF(S08)	Deposits Settled Fine	1225	M 2
	189.4	MWLS(F07)	Miscellaneous Water Level Sag	1357	S 2
	189.4	DSF(F08)	Deposits Settled Fine	1375	M 2
	191.6	MWLS(S09)	Miscellaneous Water Level Sag	1394	S 2
	253.0	MWLS(F09)	Miscellaneous Water Level Sag	1832	S 2
	258.4	MWLS(S10)	Miscellaneous Water Level Sag	1868	S 2
	278.3	MWLS(F10)	Miscellaneous Water Level Sag	2058	S 2
	285.4	MWLS(S11)	Miscellaneous Water Level Sag	2112	S 2
	308.4	MWLS(F11)	Miscellaneous Water Level Sag	2375	S 2
	314.2	MWLS(S12)	Miscellaneous Water Level Sag	2442	S 2
	324.4	MWLS(F12)	Miscellaneous Water Level Sag	2767	S 2
	324.4	MWLS(S13)	Miscellaneous Water Level Sag	2776	S 4
	325.5	DSF(S14)	Deposits Settled Fine	2828	M 2
	332.5	MCU(S15)	Miscellaneous Camera Underwater	3065	M 4
	335.8	MCU(F15)	Miscellaneous Camera Underwater	3162	M 4
	337.5	MWLS(F13)	Miscellaneous Water Level Sag	3371	S 4
	337.5	DSF(F14)	Deposits Settled Fine	3379	M 2
	338.5	AMH	Manhole	3636	NA
	M-902-019B				



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-902-015**

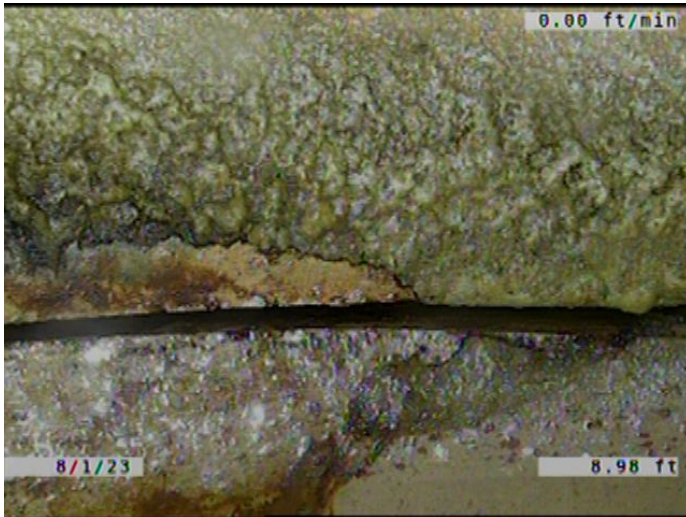
---



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:

---



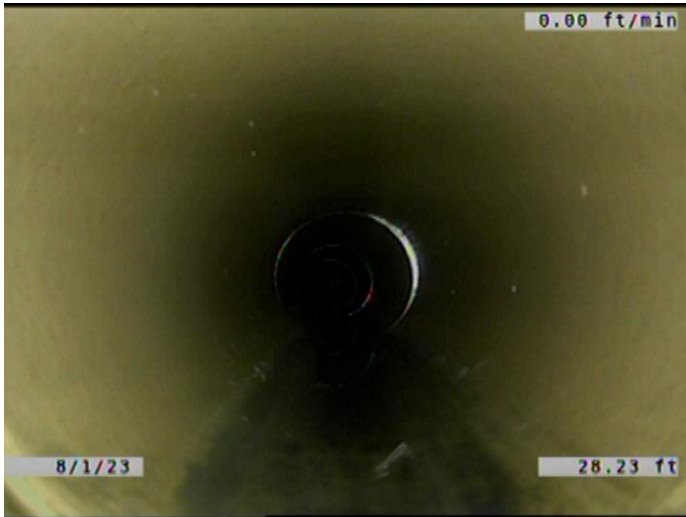
Code:	<b>DAE</b>
Description:	<b>Deposits Attached Encrustation</b>
Distance (ft):	<b>9.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>19.7</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>S02</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

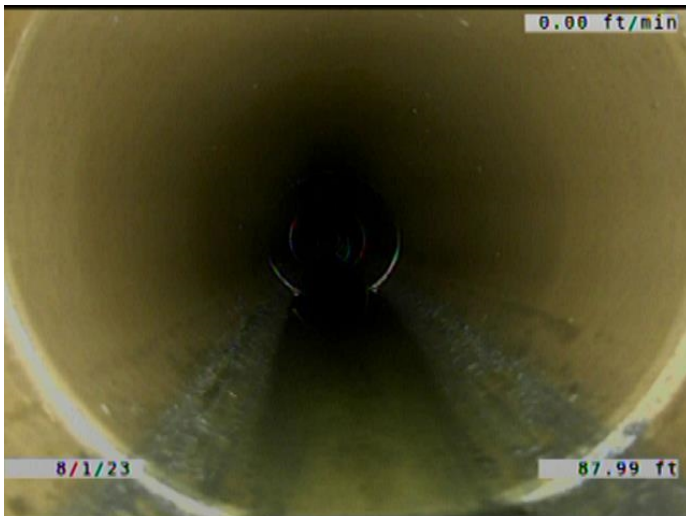
---



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

Distance (ft): **28.2**  
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:

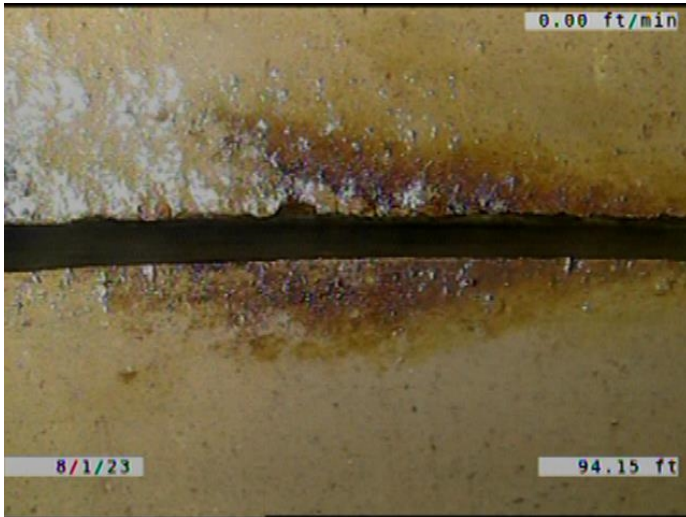
---



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

Distance (ft): **88.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S03**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **94.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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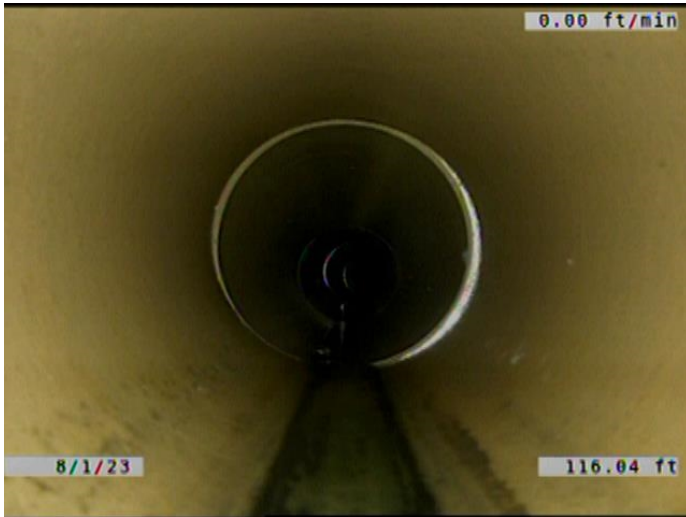


Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **98.6**  
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: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **116.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F03**  
Within 8" of Joint: **NO**  
Remarks:

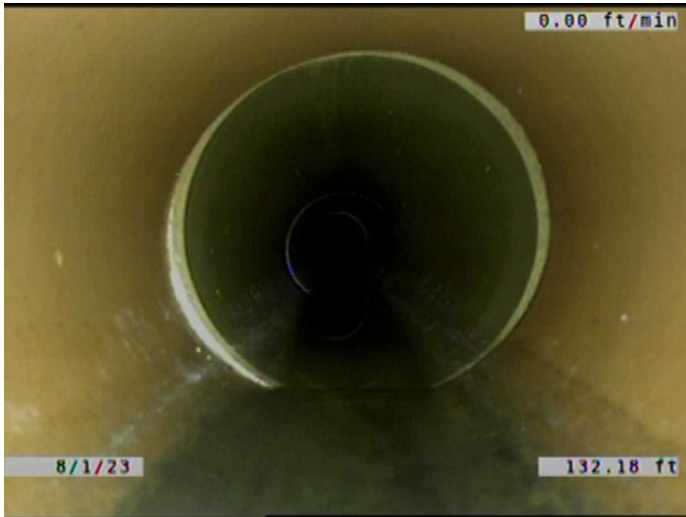
---



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

Distance (ft): **116.3**  
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:

---



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

Distance (ft): **132.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S05**  
Within 8" of Joint: **NO**  
Remarks:

---

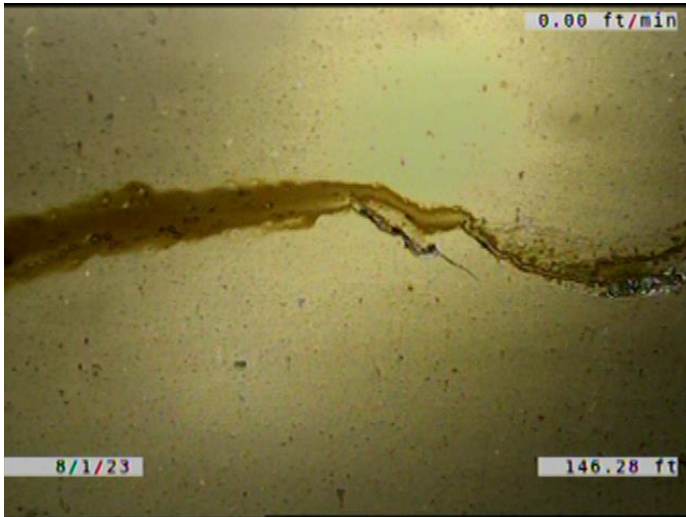


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **143.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

---





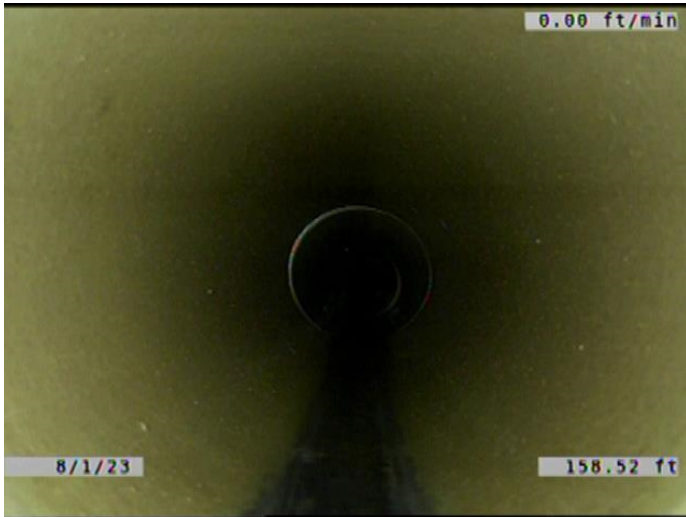
Code:	<b>ISB</b>
Description:	<b>Infiltration Stain Barrel</b>
Distance (ft):	<b>146.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>10</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>STAIN COMING FROM MANUFACTURE DEFECT IN THE PIPE</b>

---



Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>150.7</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	<b>S06</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

---



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

Distance (ft): **158.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

---



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

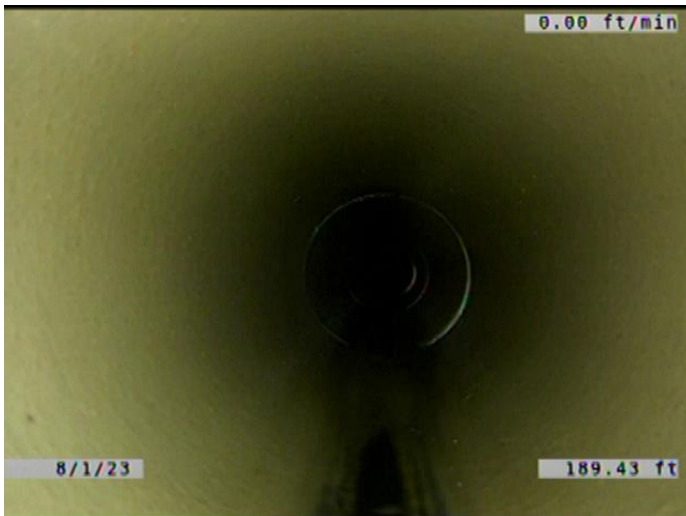
Distance (ft): **168.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

---



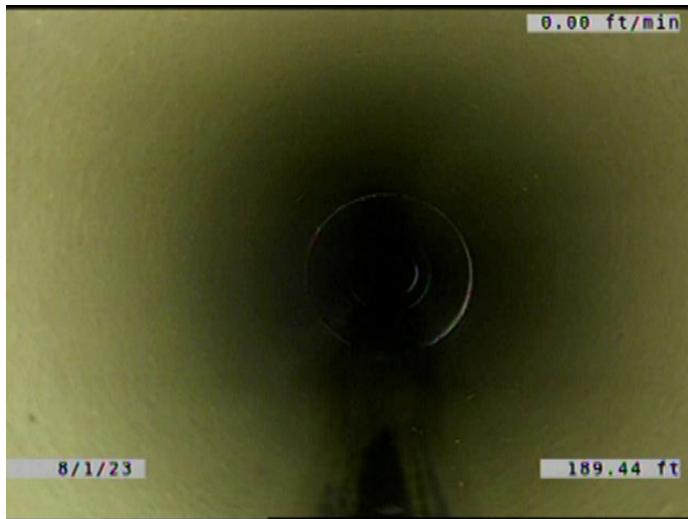
Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **171.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S08**  
Within 8" of Joint: **YES**  
Remarks:



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

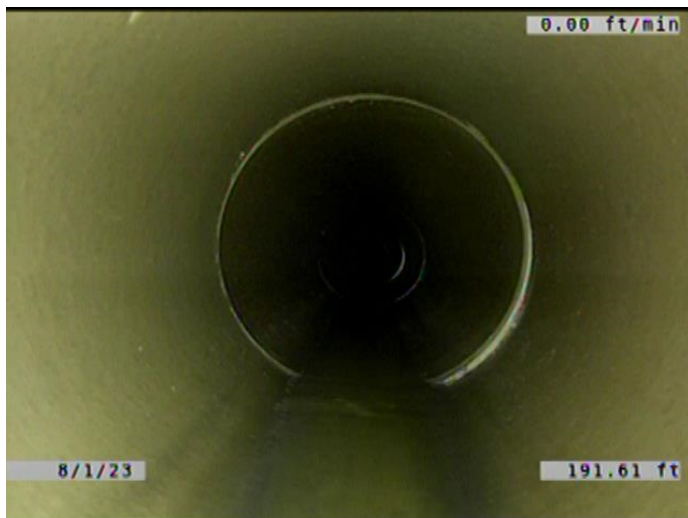
Distance (ft): **189.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F07**  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **189.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F08**  
Within 8" of Joint: **YES**  
Remarks:

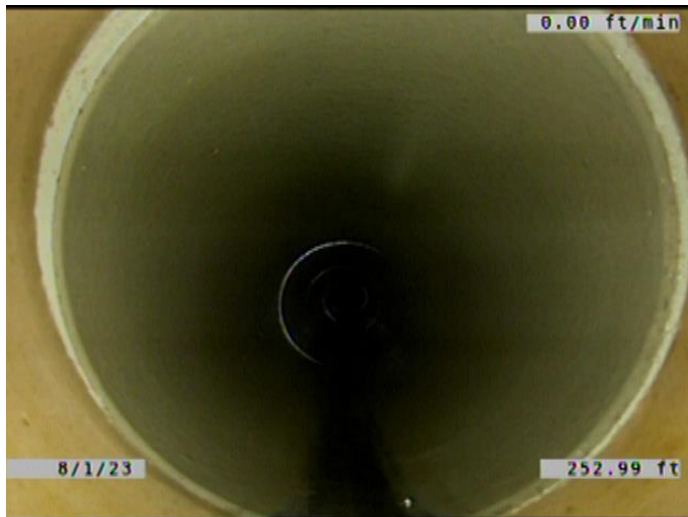
---



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

Distance (ft): **191.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S09**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **253.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F09**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **258.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S10**  
Within 8" of Joint: **NO**  
Remarks:

---

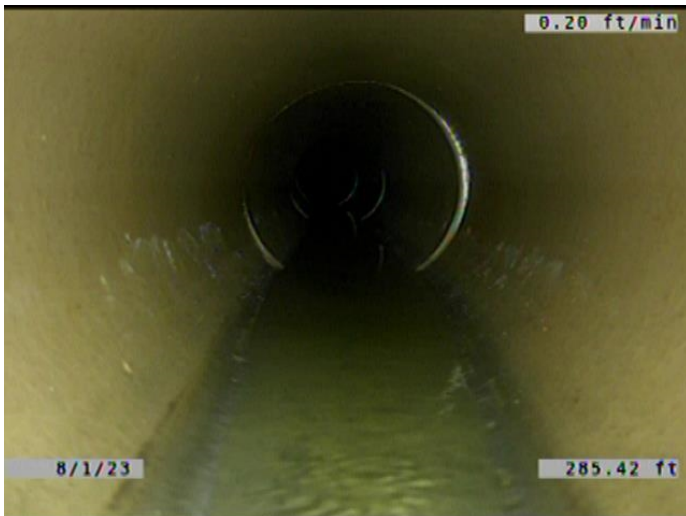




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **278.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F10**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **285.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S11**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **308.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F11**  
Within 8" of Joint: **NO**  
Remarks:

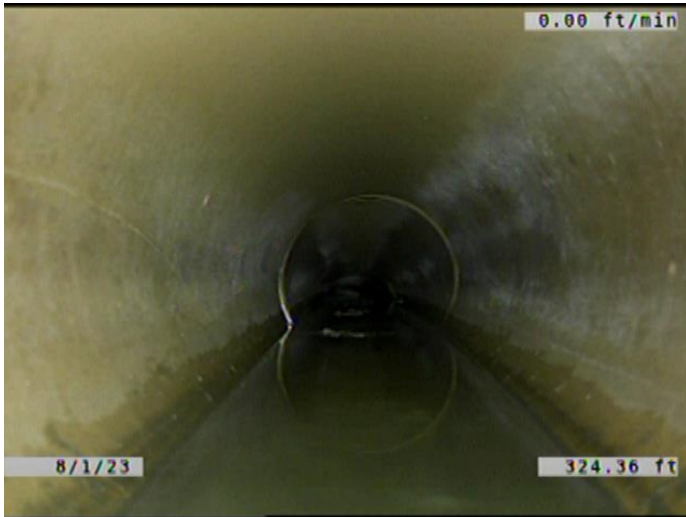
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **314.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S12**  
Within 8" of Joint: **NO**  
Remarks:

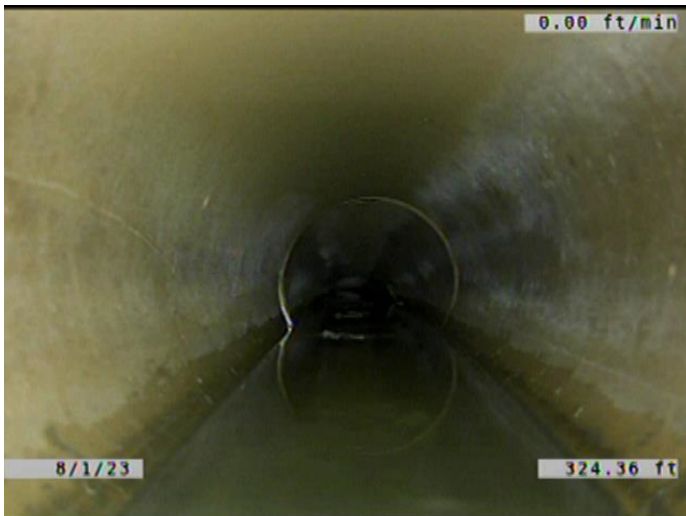
---



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

Distance (ft): **324.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F12**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **324.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **55.000**  
Continuous Index: **S13**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **325.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S14**  
Within 8" of Joint: **YES**  
Remarks:

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

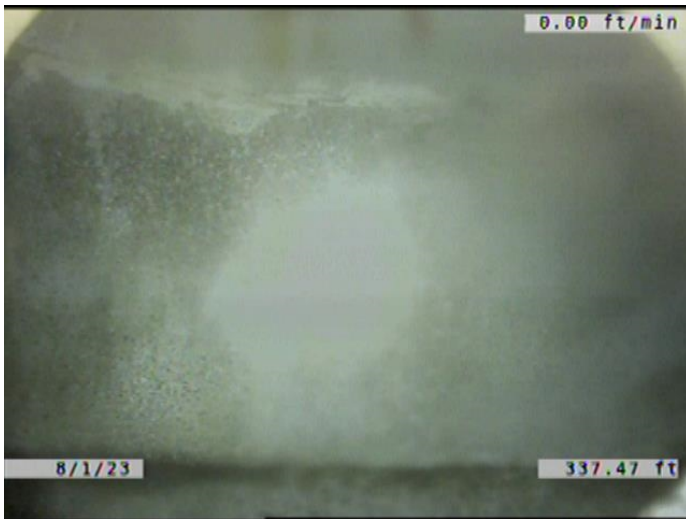
Distance (ft): **332.5**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S15**  
Within 8" of Joint: **NO**  
Remarks:

---



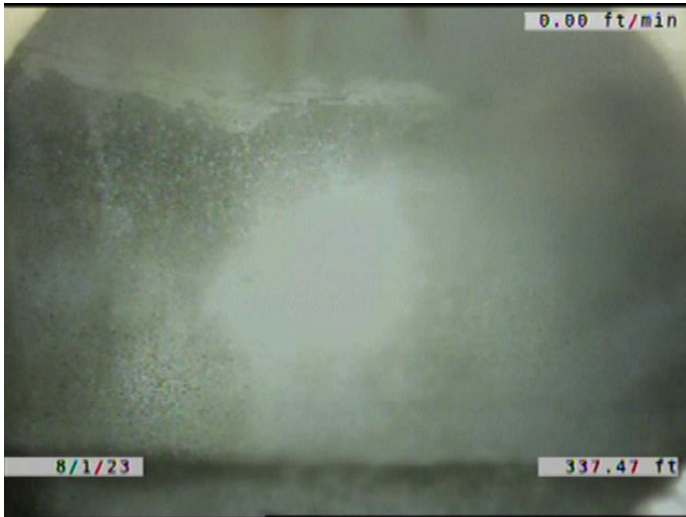
Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>335.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>F15</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

---



Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>337.5</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>55.000</b>
Continuous Index:	<b>F13</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

---



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

Distance (ft): **337.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F14**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **338.5**  
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-902-019B**