

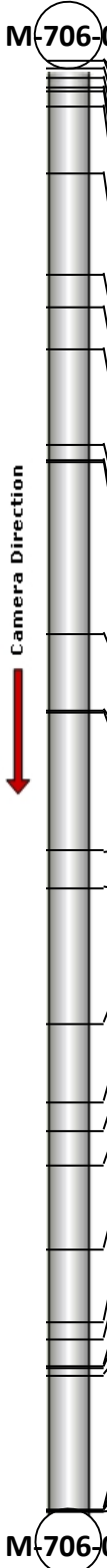
## Profile/Photo Observation Report



Date:	<b>02/12/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>254.4</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-706-051-052</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>02/11/2022</b>	Shape:	<b>C</b>

Street:	<b>Beacon Drive</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>8"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>PVC</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-706-051</b>	DS MH:	<b>M-706-052</b>
		Total Length Surveyed (ft):	<b>254.4</b>

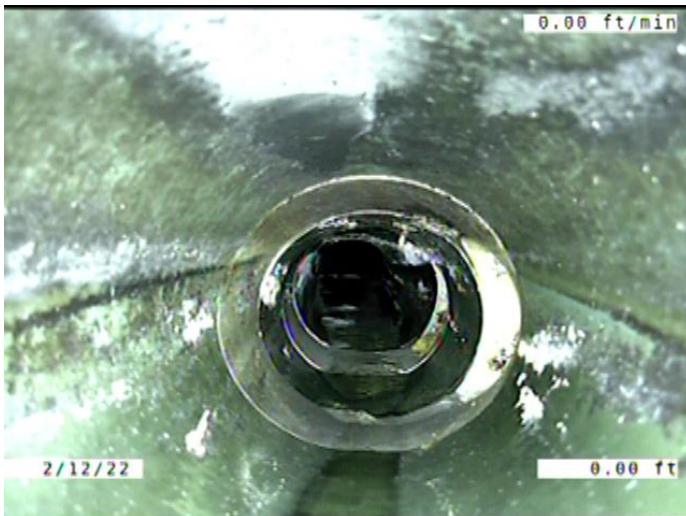
O&M Index:	<b>2.04</b>	O&M Quick:	<b>412G</b>	O&M Rating:	<b>92.00</b>
Structural Index:	<b>2.20</b>	Structural Quick:	<b>4131</b>	Structural Rating:	<b>33.00</b>
Overall Index:	<b>2.08</b>	Overall Quick:	<b>4231</b>	Overall Rating:	<b>125.00</b>

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>	M-706-051				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	11	NA
	1.5	MGO	Miscellaneous General Observation	19	NA
	3.1	TFA	Tap Factory Activity	44	NA
	4.7	TF	Tap Factory	73	NA
	5.3	MWLS(S01)	Miscellaneous Water Level Sag	96	S 2
	7.9	DAGS(S02)	Deposits Attached Grease	122	M 2
	19.8	DAGS(F02)	Deposits Attached Grease	172	M 2
	37.7	TF	Tap Factory	248	NA
	43.3	TF	Tap Factory	294	NA
	50.5	DAGS(S03)	Deposits Attached Grease	339	M 2
	67.5	DAGS	Deposits Attached Grease	411	M 2
	70.2	TFA	Tap Factory Activity	447	NA
	70.3	MWLS(F01)	Miscellaneous Water Level Sag	465	S 2
	100.7	MWL	Miscellaneous Water Level	576	NA
	113.9	FM	Fracture Multiple	663	S 4
	114.4	TF	Tap Factory	692	NA
	138.4	TF	Tap Factory	826	NA
	145.2	TB	Tap Break-in/Hammer	879	NA
	168.9	DFBR	Deformed Flexible Bulging Round	1002	S 3
	182.8	TFA	Tap Factory Activity	1103	NA
	187.6	TF	Tap Factory	1159	NA
	193.6	MWL	Miscellaneous Water Level	1214	NA
	208.4	MGO	Miscellaneous General Observation	1354	NA
	221.1	MWL	Miscellaneous Water Level	1512	NA
	224.2	MCU(S04)	Miscellaneous Camera Underwater	1588	M 4
	228.8	MGO	Miscellaneous General Observation	1686	NA
	229.1	MCU(F04)	Miscellaneous Camera Underwater	1710	M 4
	230.5	MWL	Miscellaneous Water Level	1750	NA
	254.1	DAGS(F03)	Deposits Attached Grease	2145	M 2
	254.3	MGO	Miscellaneous General Observation	2216	NA
	254.3	MGO	Miscellaneous General Observation	2229	NA
	254.4	AMH	Manhole	2320	NA
	M-706-052				



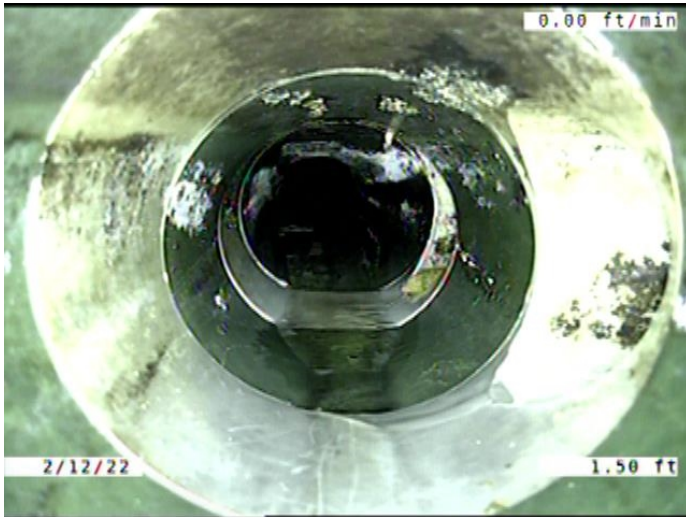
Code: **AMH**  
Description: **Manhole**

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-706-051**



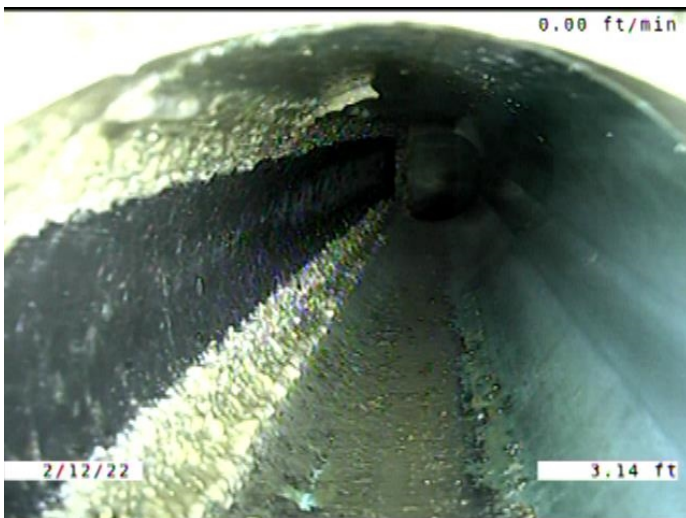
Code: **MWL**  
Description: **Miscellaneous Water Level**

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:



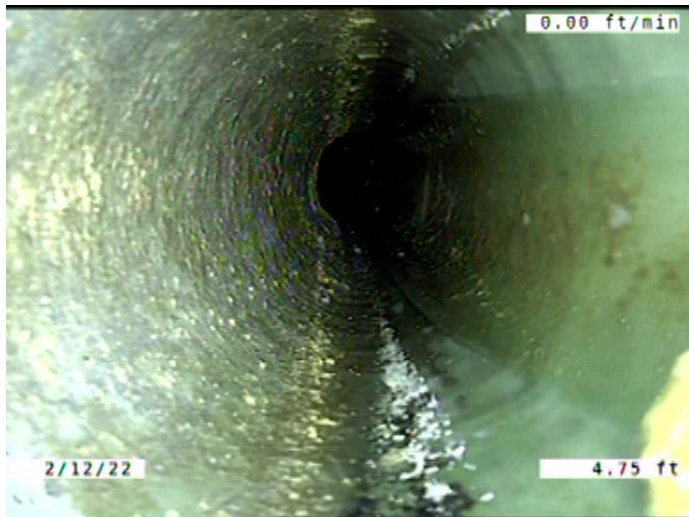
Code: **MGO**  
 Description: **Miscellaneous General Observation**

Distance (ft): **1.5**  
 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: **TIGHT ACCESS IN THE MANHOLE. HAD TO START IN THE PIPE.**



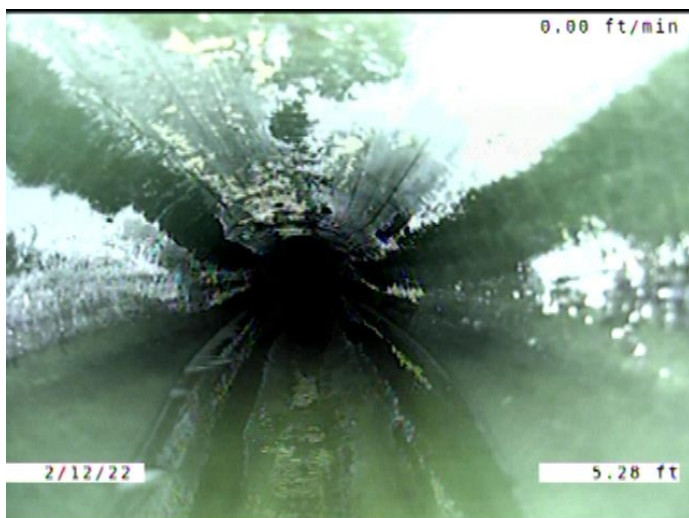
Code: **TFA**  
 Description: **Tap Factory Activity**

Distance (ft): **3.1**  
 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: **TF**  
 Description: **Tap Factory**

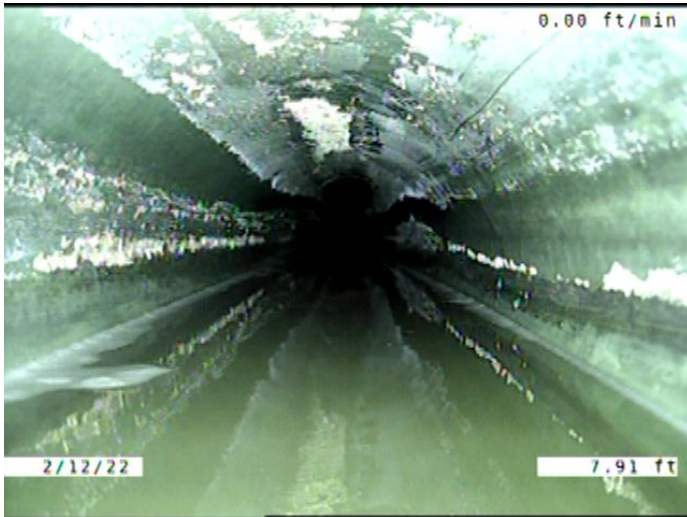
Distance (ft): **4.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **3**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

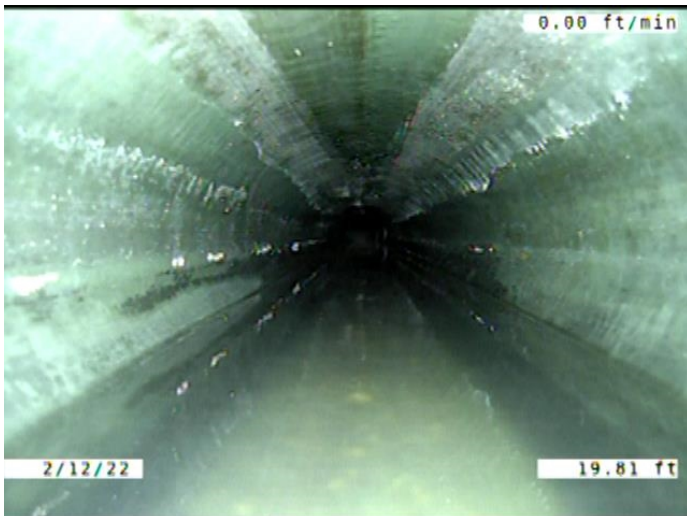
Distance (ft): **5.3**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **NO**  
 Remarks:





Code: **DAGS**  
 Description: **Deposits Attached Grease**

Distance (ft): **7.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S02**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **DAGS**  
 Description: **Deposits Attached Grease**

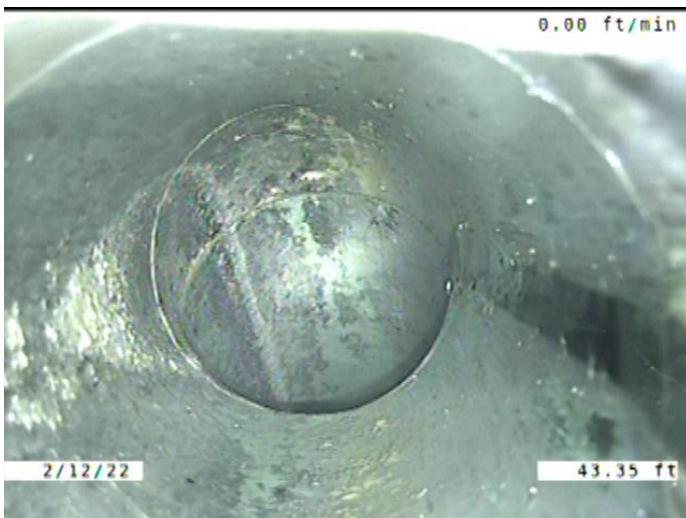
Distance (ft): **19.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **9**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F02**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **37.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

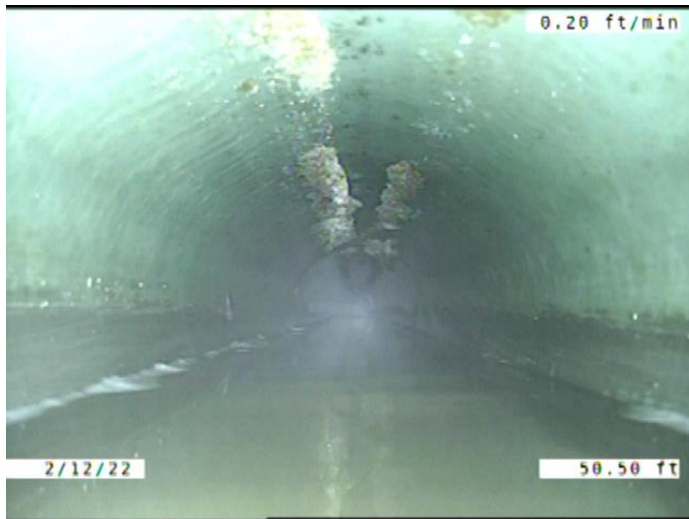
---



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

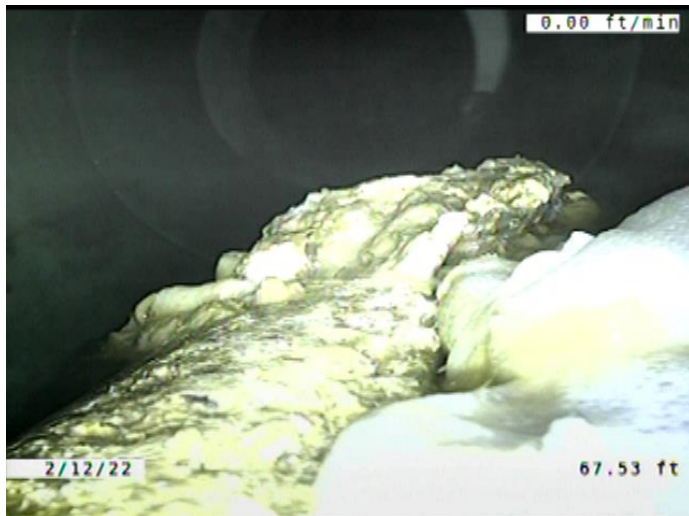
Distance (ft): **43.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **DAGS**  
 Description: **Deposits Attached Grease**

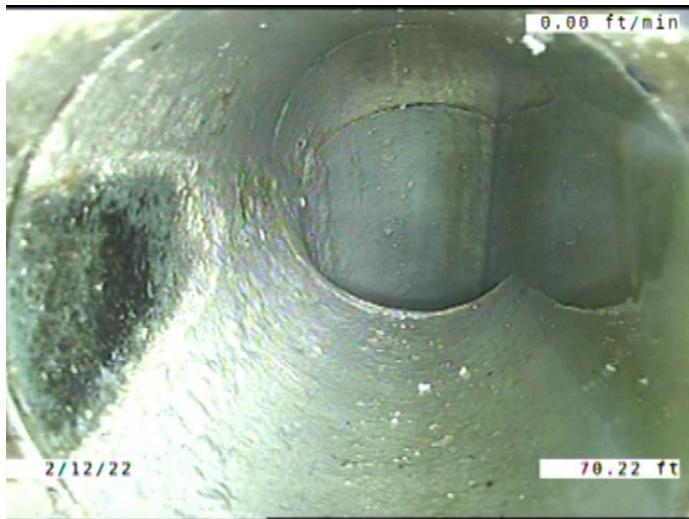
Distance (ft): **50.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **DAGS**  
 Description: **Deposits Attached Grease**

Distance (ft): **67.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

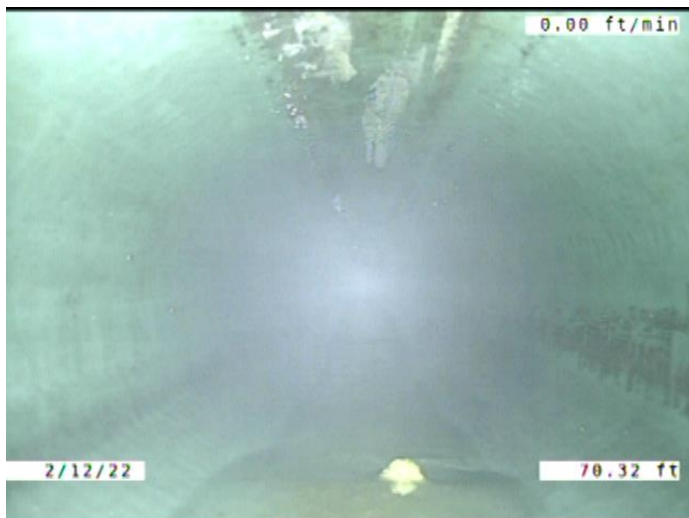




Code: **TFA**  
Description: **Tap Factory Activity**

Distance (ft): **70.2**  
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:

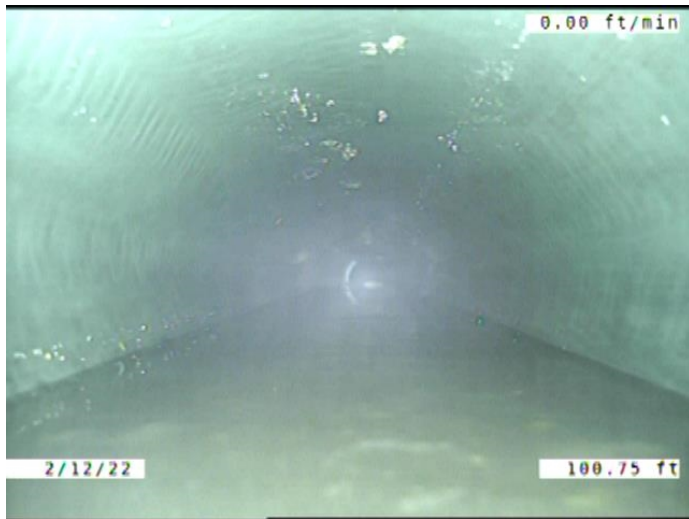
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **70.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **100.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

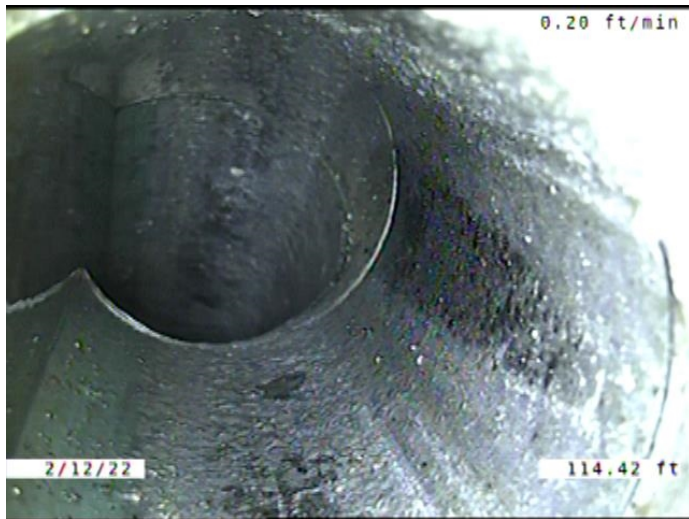
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **113.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

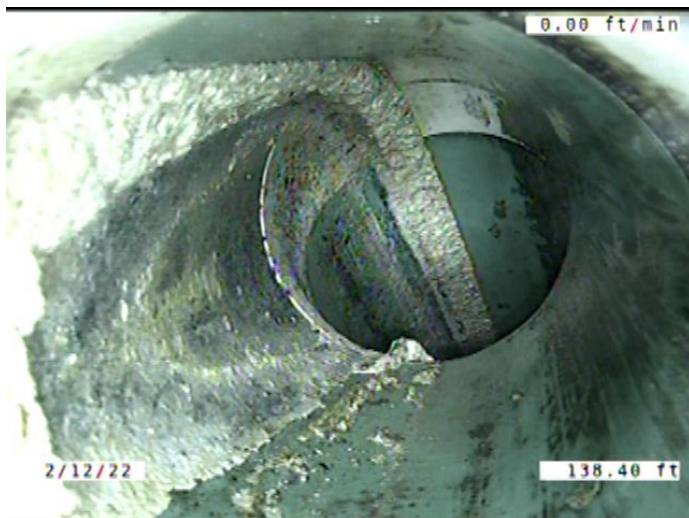
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Code: **TF**  
Description: **Tap Factory**

Distance (ft): **114.4**  
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:

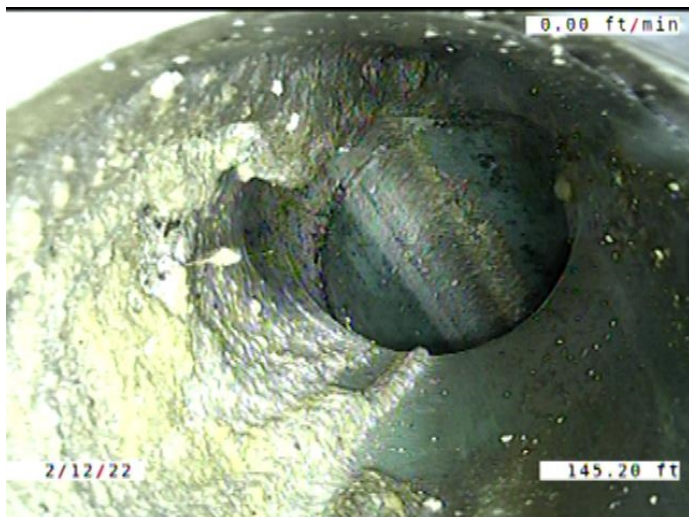
---



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

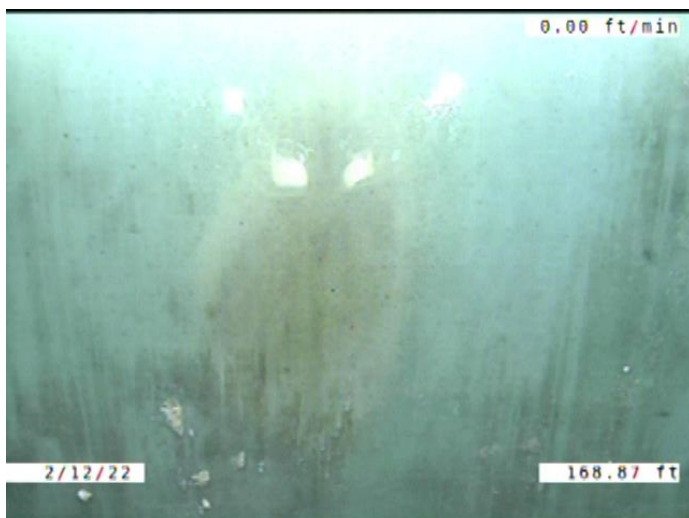
Distance (ft): **138.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **TB**  
Description: **Tap Break-in/Hammer**

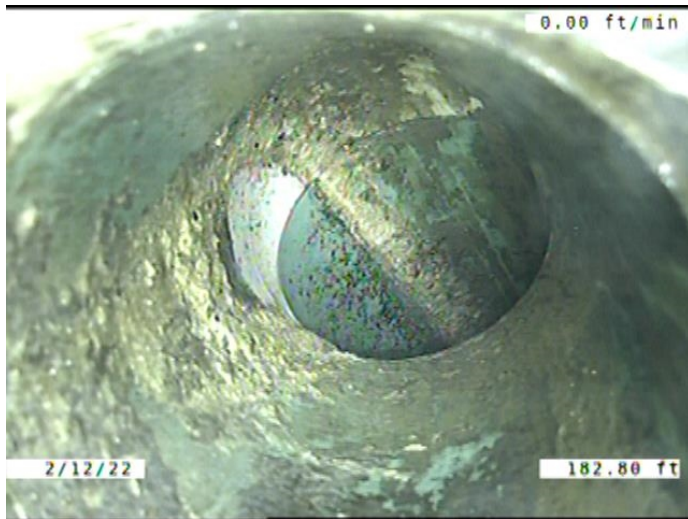
Distance (ft): **145.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



Code: **DFBR**  
Description: **Deformed Flexible Bulging Round**

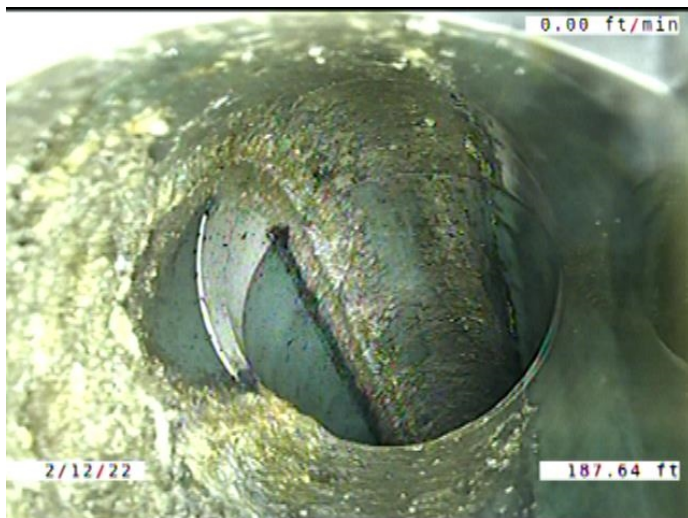
Distance (ft): **168.9**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:





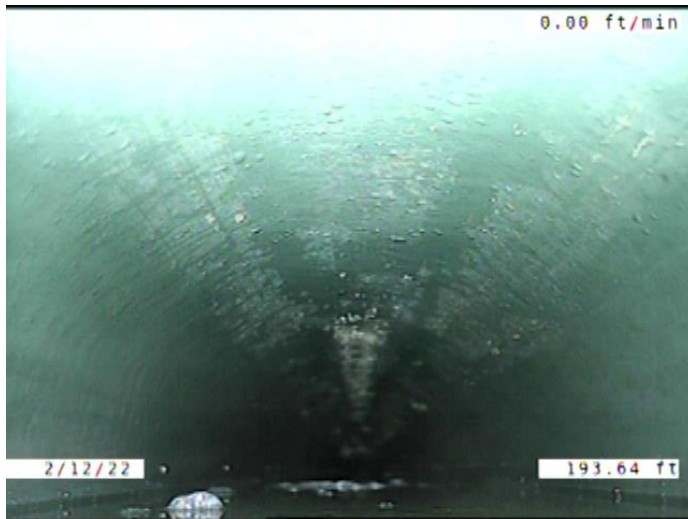
Code: **TFA**  
Description: **Tap Factory Activity**

Distance (ft): **182.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



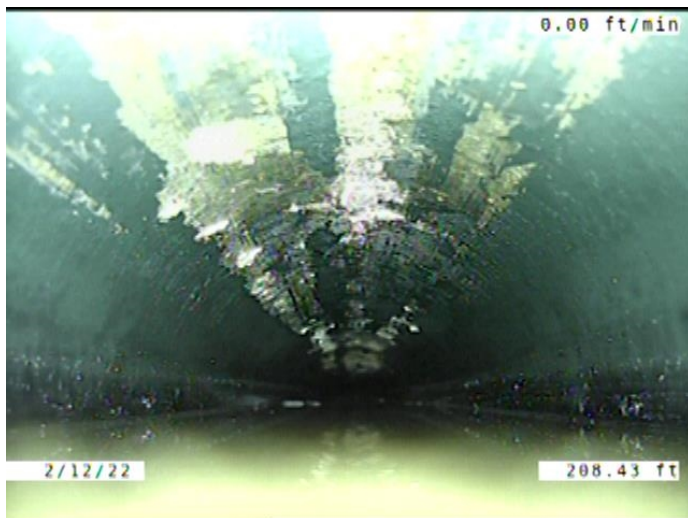
Code: **TF**  
Description: **Tap Factory**

Distance (ft): **187.6**  
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:



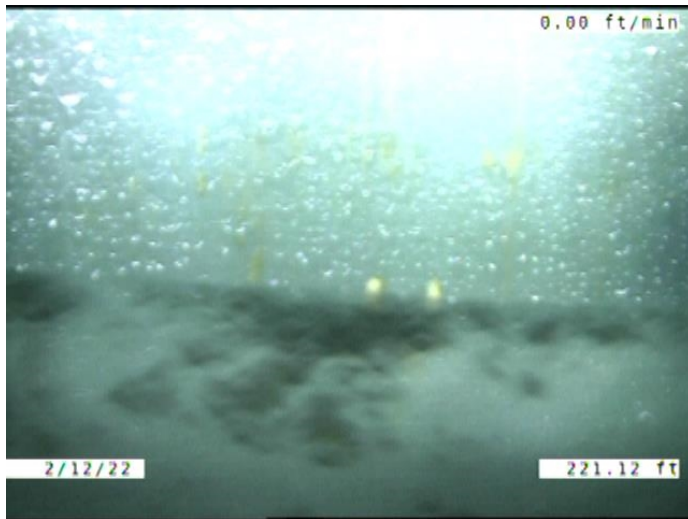
Code: **MWL**  
Description: **Miscellaneous Water Level**

Distance (ft): **193.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

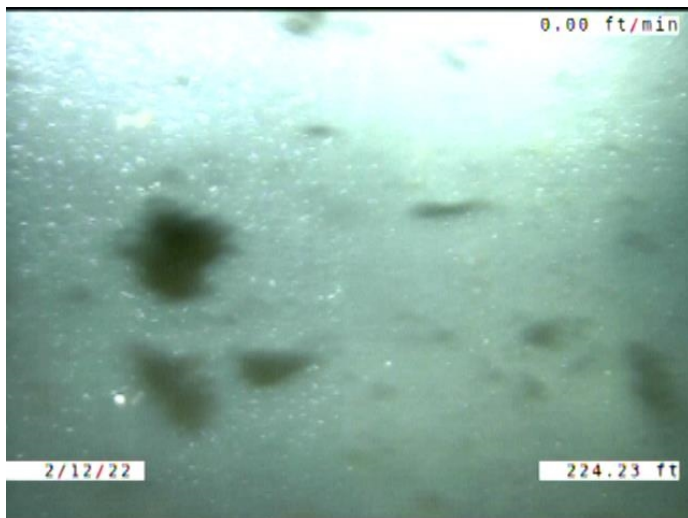
Distance (ft): **208.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **WATER LEVEL WENT DOWN BECAUSE  
I REMOVED A PAPER JAM IN THE DO**



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

Distance (ft): **221.1**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **45.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

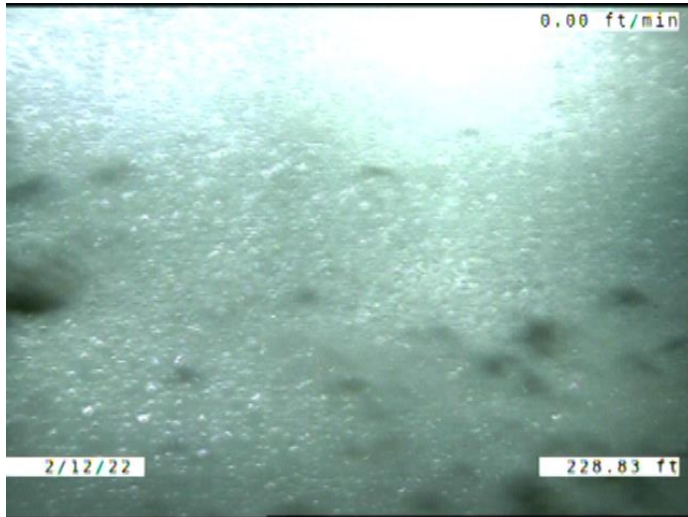
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Code: **MCU**  
Description: **Miscellaneous Camera Underwater**

Distance (ft): **224.2**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

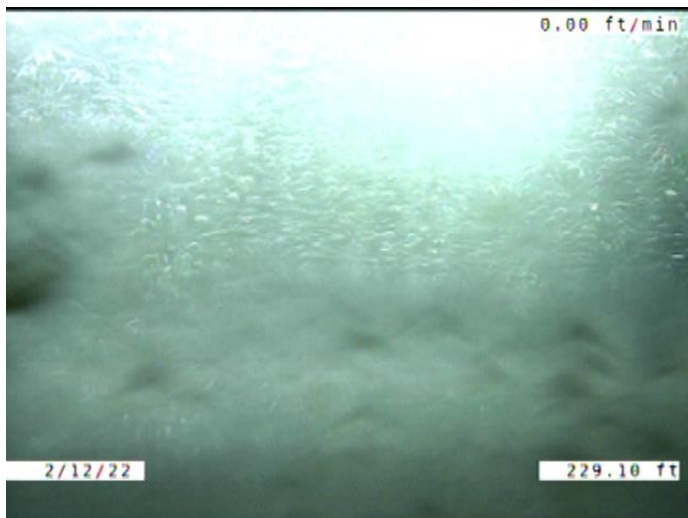
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Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance (ft): **228.8**  
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: **3% INCLINE IN THE PIPE AT THIS POINT**

---

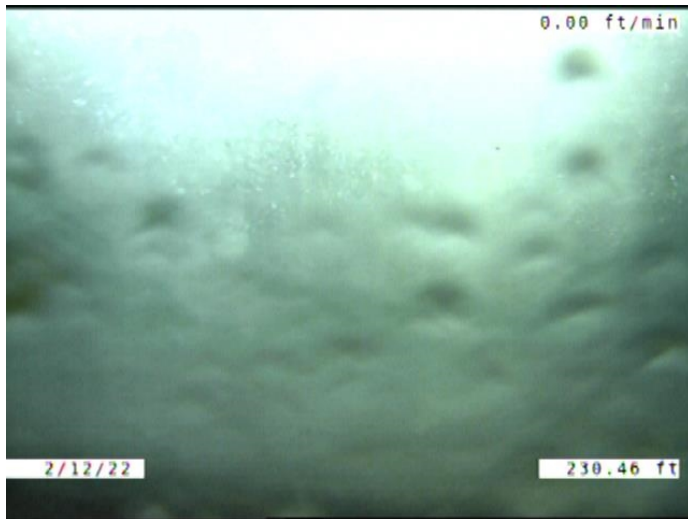


Code: **MCU**  
Description: **Miscellaneous Camera Underwater**

Distance (ft): **229.1**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **NO**  
Remarks:

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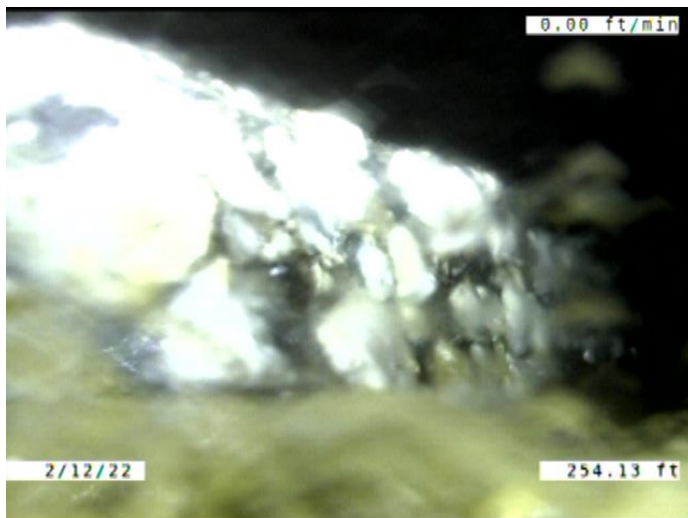




Code: **MWL**  
Description: **Miscellaneous Water Level**

Distance (ft): **230.5**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

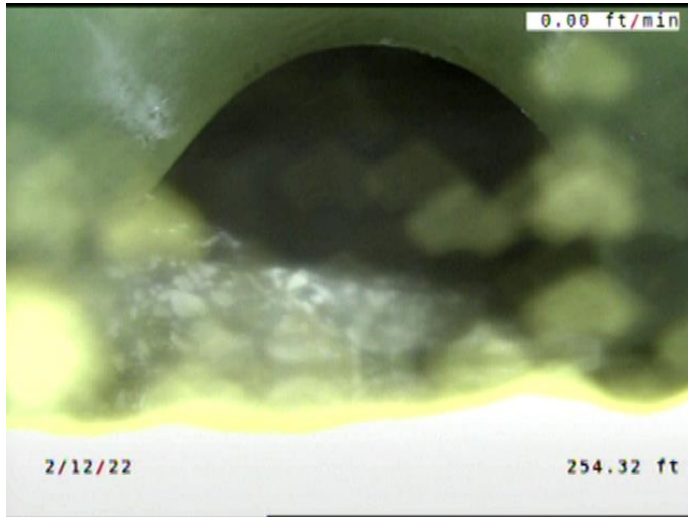
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Code: **DAGS**  
Description: **Deposits Attached Grease**

Distance (ft): **254.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

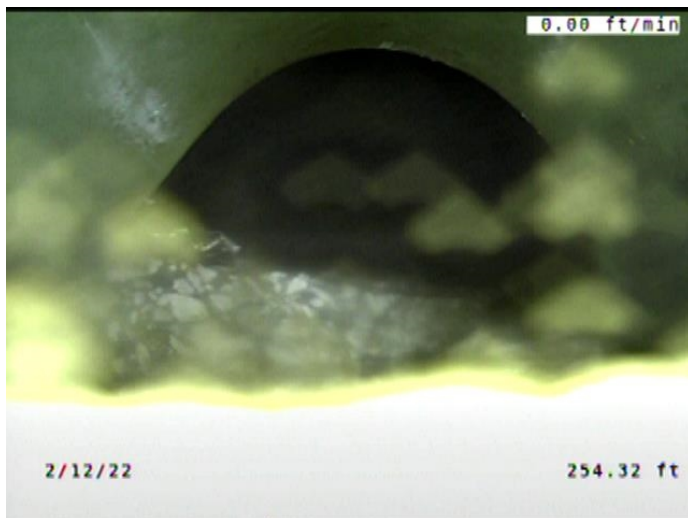
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Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance (ft): **254.3**  
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 DOES NOT ENTER THE  
DOWNSTREAM MANHOLE AT THE RI**

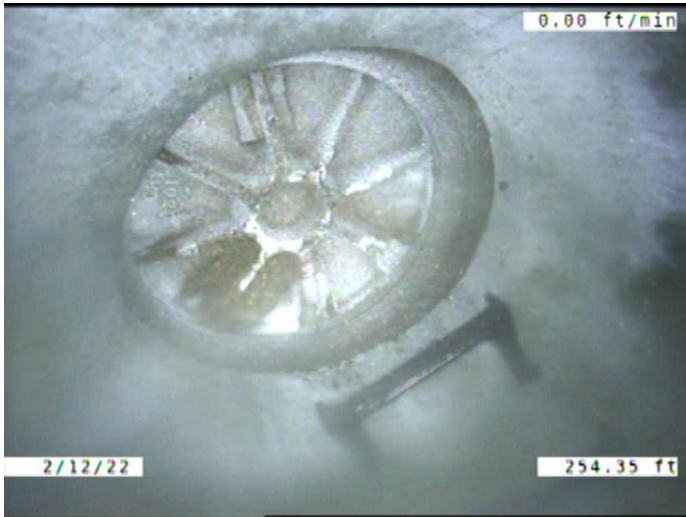
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Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance (ft): **254.3**  
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 HAS AN INCLINE OF 0.5% TO 3%  
FROM 228.8' TO THE DOWNSTREAM**

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Code:	AMH
Description:	Manhole
Distance (ft):	254.4
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-706-052