

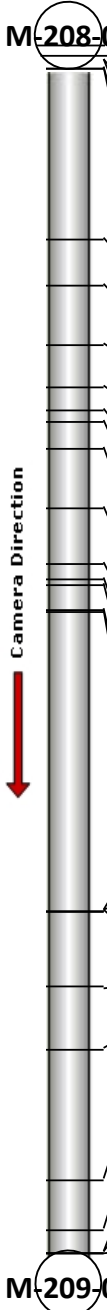
Profile/Photo Observation Report



Date:	12/03/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	217.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-209-025-021
Customer:	City of Hobart	Clean Date:	07/16/2024	Shape:	C

Street:	Liverpool Road	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS	Dia/Height:	18"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-208-021	DS MH:	M-209-025
		Total Length Surveyed (ft):	216.8

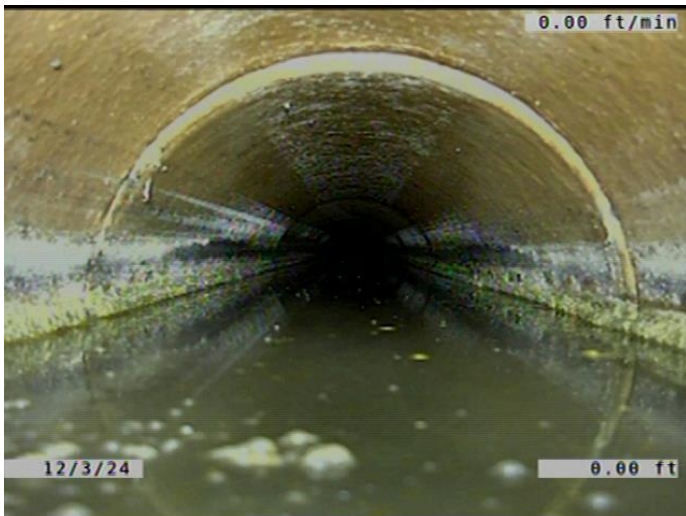
O&M Index:	2.38	O&M Quick:	4A2G	O&M Rating:	131.00
Structural Index:	3.67	Structural Quick:	4231	Structural Rating:	11.00
Overall Index:	2.45	Overall Quick:	4A31	Overall Rating:	142.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	13	NA
	1.5	MGO	Miscellaneous General Observation	22	NA
	1.5	DAGS(S01)	Deposits Attached Grease	30	M 2
	32.3	MWL	Miscellaneous Water Level	195	NA
	40.9	MWL	Miscellaneous Water Level	239	NA
	51.7	MWL	Miscellaneous Water Level	310	NA
	59.3	MWL	Miscellaneous Water Level	394	NA
	63.5	MWL	Miscellaneous Water Level	429	NA
	65.7	MWL	Miscellaneous Water Level	490	NA
	70.6	MWLS(S02)	Miscellaneous Water Level Sag	567	S 4
	81.2	MWLS(F02)	Miscellaneous Water Level Sag	719	S 4
	91.5	MWL	Miscellaneous Water Level	836	NA
	94.1	MWL	Miscellaneous Water Level	884	NA
	95.2	RFJ	Roots Fine Joint	911	M 1
	100.0	MCU(S03)	Miscellaneous Camera Underwater	1409	M 4
	100.3	MWL	Miscellaneous Water Level	1093	NA
	154.7	MGO	Miscellaneous General Observation	1582	NA
	154.7	MCU(F03)	Miscellaneous Camera Underwater	1889	M 4
	154.7	MWL	Miscellaneous Water Level	1898	NA
	168.3	MWL	Miscellaneous Water Level	1978	NA
	179.8	MWL	Miscellaneous Water Level	2064	NA
	203.5	MWL	Miscellaneous Water Level	2162	NA
	212.6	JAM	Joint Angular Medium	2239	S 3
	216.7	DAGS(F01)	Deposits Attached Grease	2315	M 2
	216.8	AMH	Manhole	2368	NA
	216.8	MGP	Miscellaneous General Photograph	2470	NA



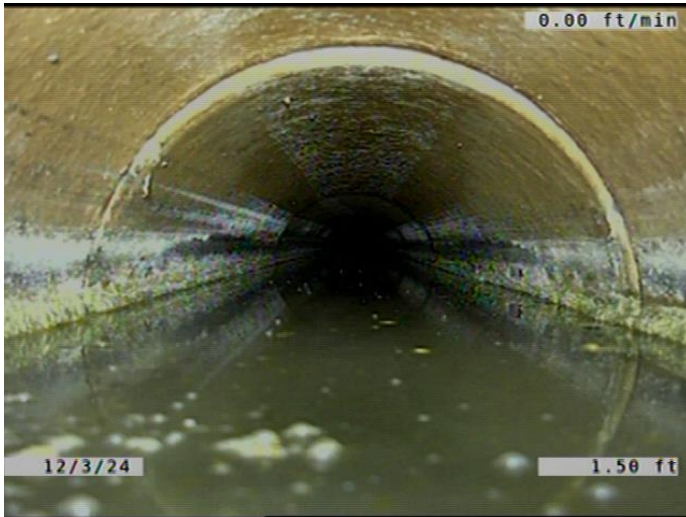
Code: **AMH**
Description: **Manhole**

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-208-021**

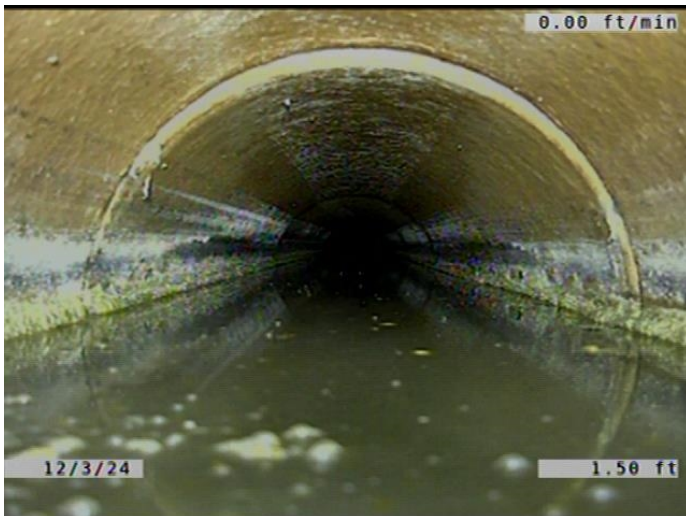


Code: **MWL**
Description: **Miscellaneous Water Level**

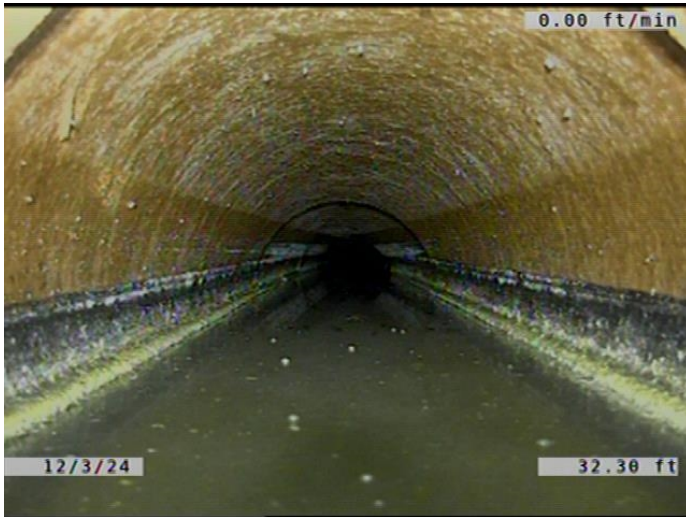
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **45.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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:	DROP INTO THE MAINHOLE. HAD TO START IN THE PIPE.

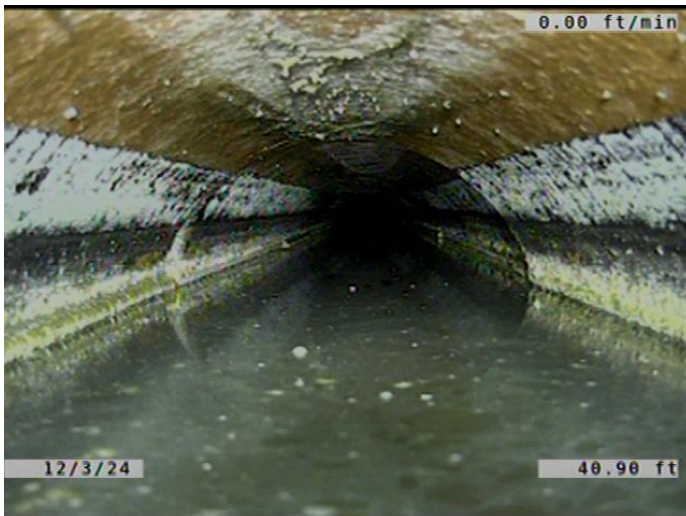


Code:	DAGS
Description:	Deposits Attached Grease
Distance (ft):	1.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	



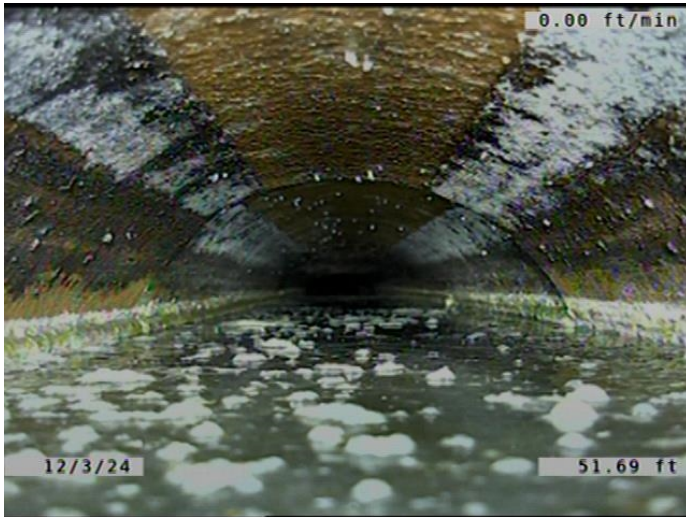
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **32.3**
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:



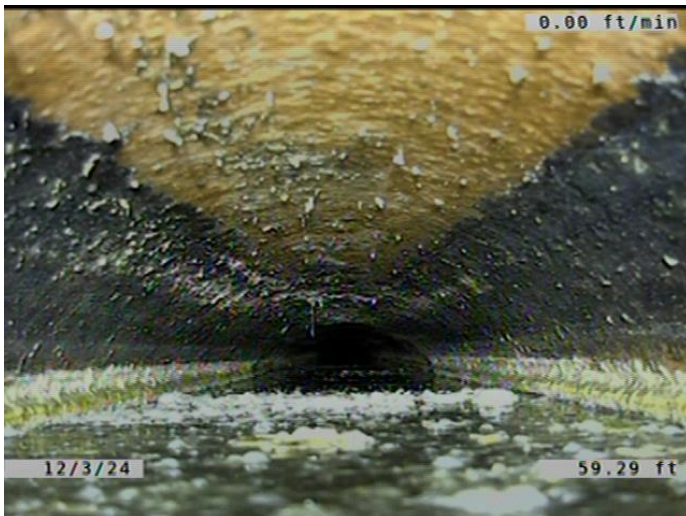
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **40.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



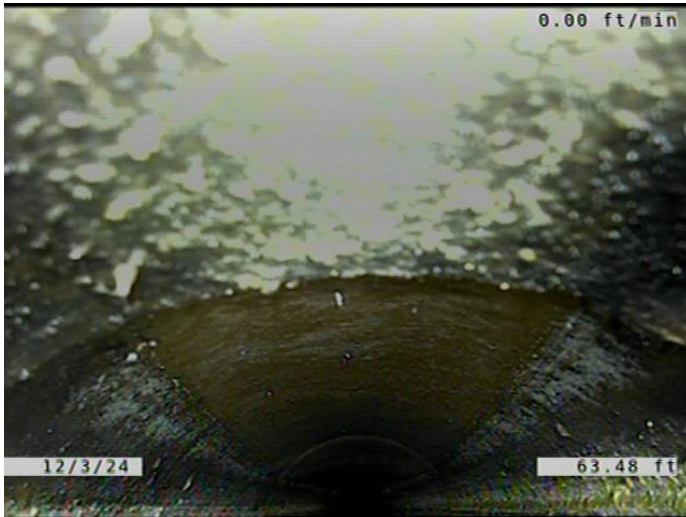
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **51.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **65.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



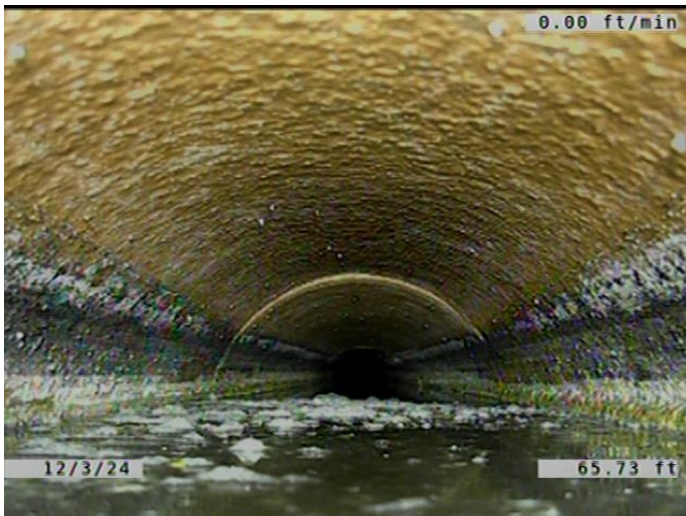
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **59.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **75.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



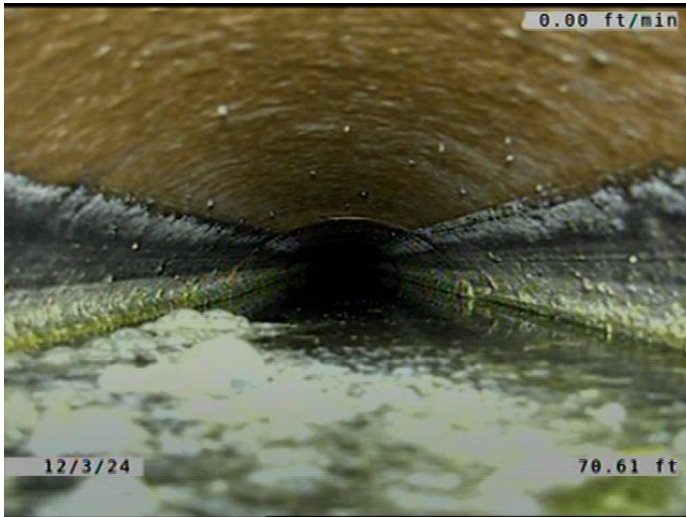
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **63.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **85.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



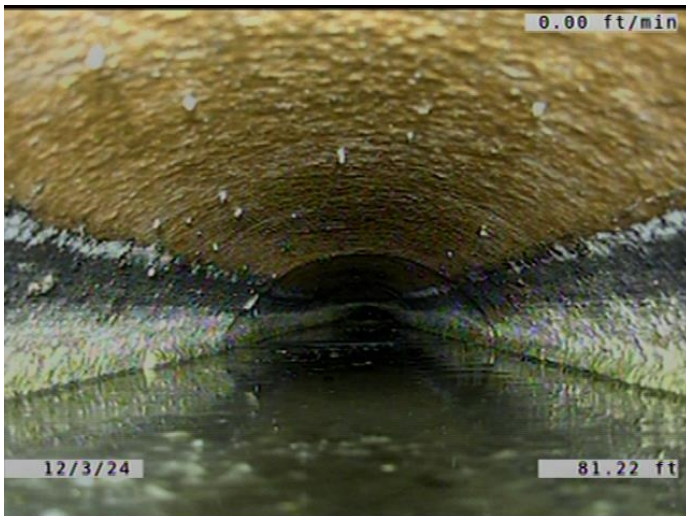
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **65.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **60.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



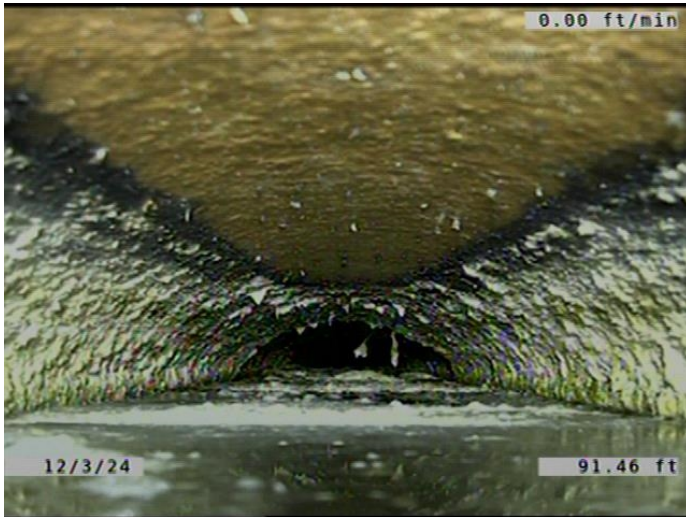
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **70.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **65.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:

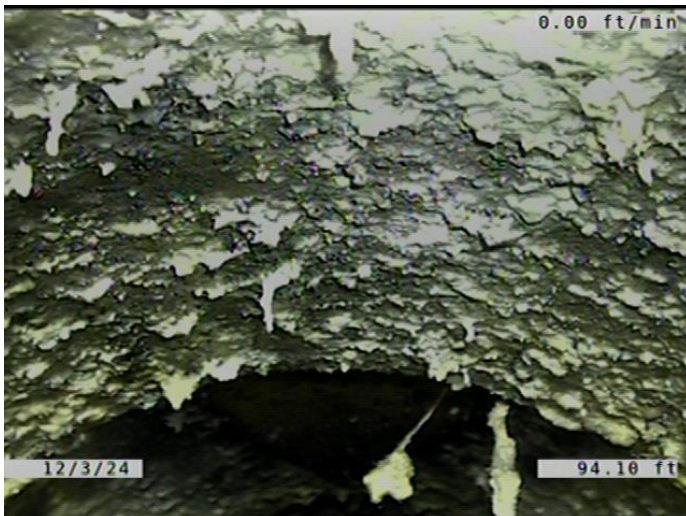


Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **81.2**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **65.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



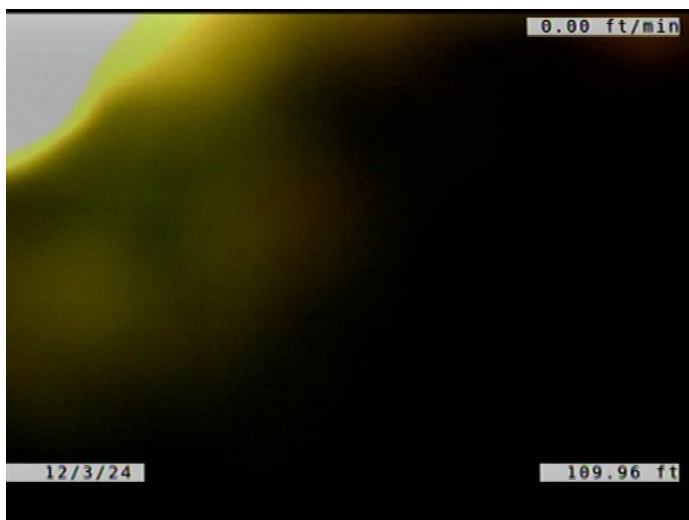
Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	91.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	75.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	94.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	85.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	95.2
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	10
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

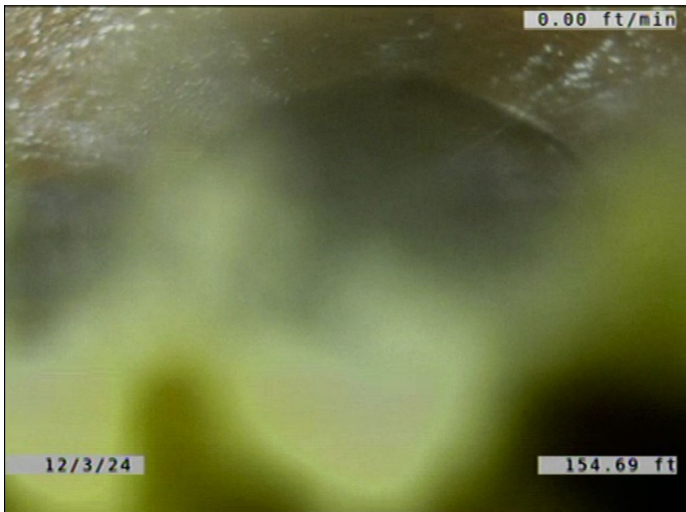


Code:	MCU
Description:	Miscellaneous Camera Underwater
Distance (ft):	100.0
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S03
Within 8" of Joint:	NO
Remarks:	



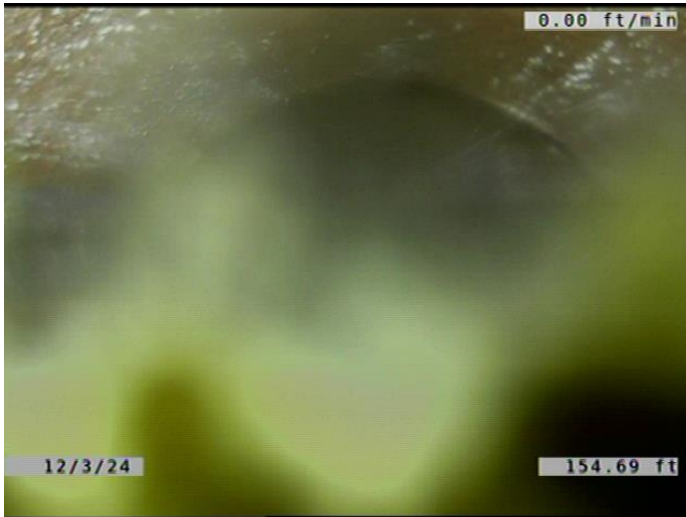
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **100.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **100.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



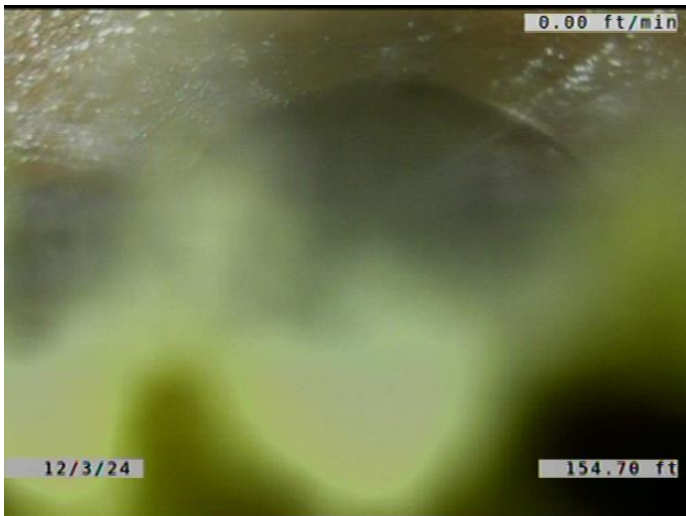
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **154.7**
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: **Camera obscured**



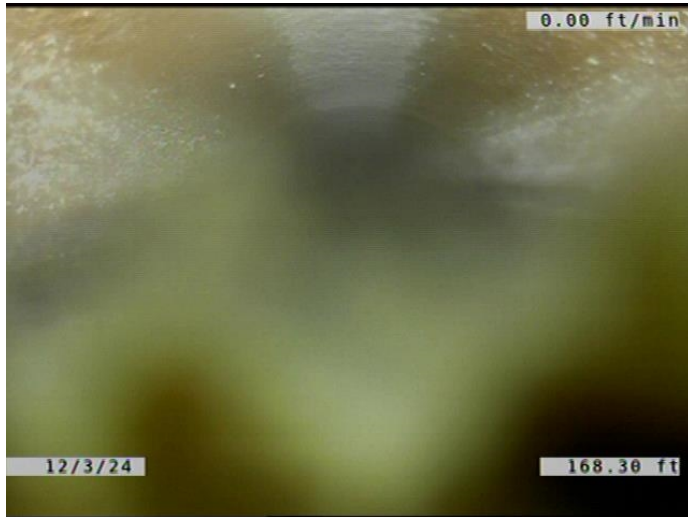
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **154.7**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



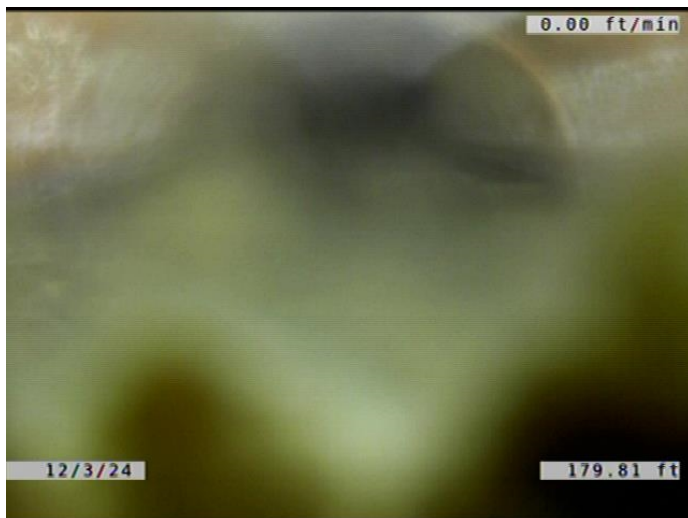
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **154.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **85.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



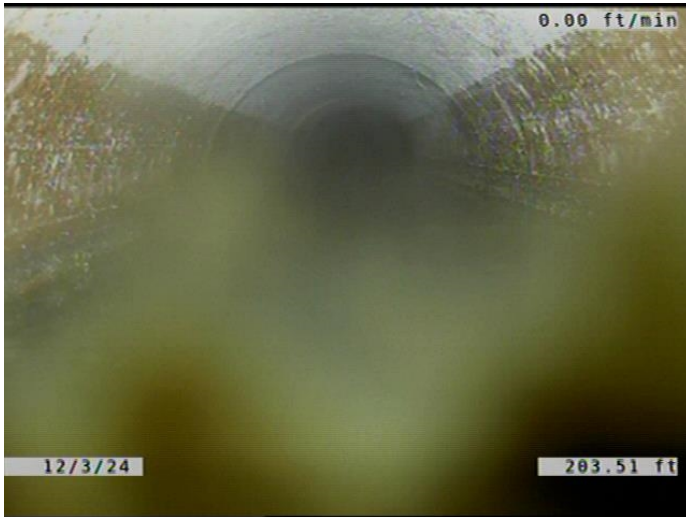
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **168.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **65.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



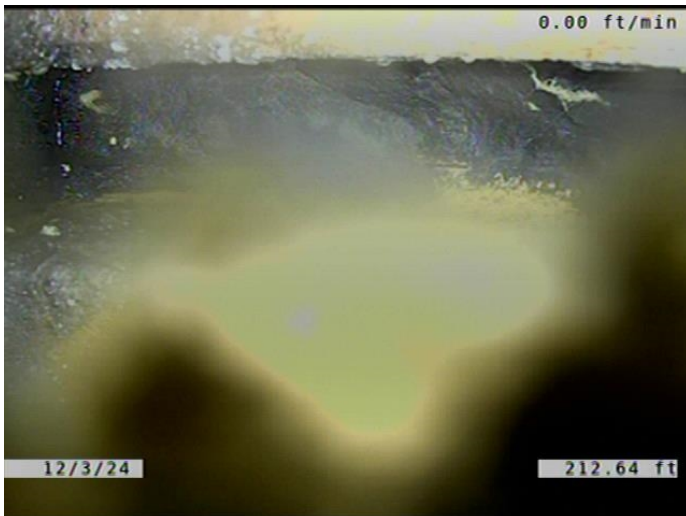
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **179.8**
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:



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

Distance (ft): **203.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **212.6**
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:



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

Distance (ft): **216.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **216.8**
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: **M-209-025**



Code:	MGP
Description:	Miscellaneous General Photograph
Distance (ft):	216.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	BACK UP CAMERA VIEW.