

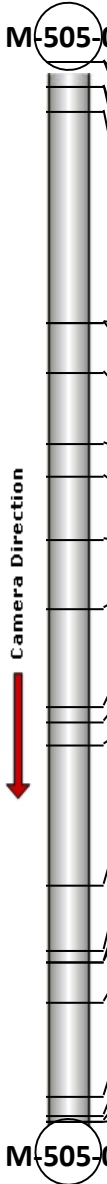
Profile/Photo Observation Report



Date:	11/03/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	166.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-505-062-061
Customer:	City of Hobart	Clean Date:	10/28/2021	Shape:	C

Street:	2nd Court	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	CT
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-505-061	DS MH:	M-505-062
		Total Length Surveyed (ft):	64.4

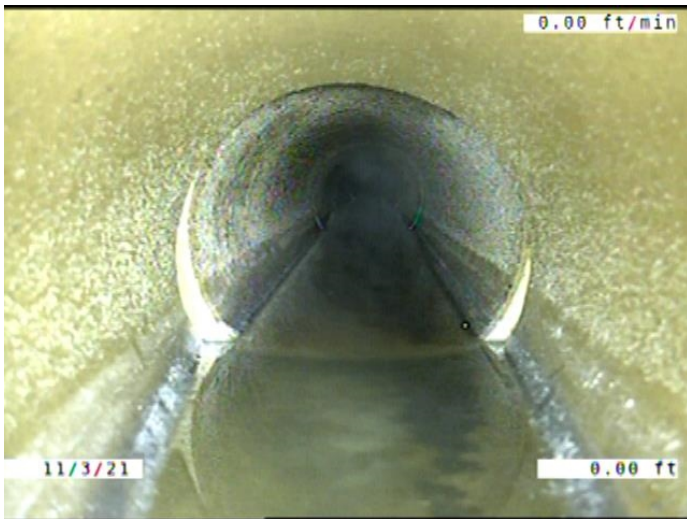
O&M Index:	2.86	O&M Quick:	4324	O&M Rating:	20.00
Structural Index:	2.30	Structural Quick:	3327	Structural Rating:	23.00
Overall Index:	2.53	Overall Quick:	4333	Overall Rating:	43.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	12	NA
	1.5	MGO	Miscellaneous General Observation	20	NA
	1.5	MWLS(S01)	Miscellaneous Water Level Sag	29	S 2
	3.0	JAM	Joint Angular Medium	87	S 3
	15.9	TF	Tap Factory	203	NA
	15.9	MWLS(F01)	Miscellaneous Water Level Sag	217	S 2
	18.9	TF	Tap Factory	253	NA
	23.2	MWLS(S02)	Miscellaneous Water Level Sag	297	S 2
	25.2	DAE	Deposits Attached Encrustation	339	M 2
	29.1	DAE	Deposits Attached Encrustation	423	M 2
	33.3	DAE	Deposits Attached Encrustation	516	M 2
	39.2	MWL	Miscellaneous Water Level	645	NA
	40.1	MCU(S04)	Miscellaneous Camera Underwater	689	M 4
	41.5	MWLS(F02)	Miscellaneous Water Level Sag	749	S 2
	50.1	MCU(F04)	Miscellaneous Camera Underwater	973	M 4
	54.0	TF	Tap Factory	1083	NA
	54.7	MCU	Miscellaneous Camera Underwater	1118	M 4
	54.7	MWLS(S03)	Miscellaneous Water Level Sag	1133	S 3
	57.2	TF	Tap Factory	1211	NA
	62.9	MWLS(F03)	Miscellaneous Water Level Sag	1380	S 3
	64.1	MGO	Miscellaneous General Observation	1460	NA
	64.4	TBI	Tap Break-in Intruding	1581	M 2
	64.4	MSA	Miscellaneous Survey Abandoned	1624	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-505-061**



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

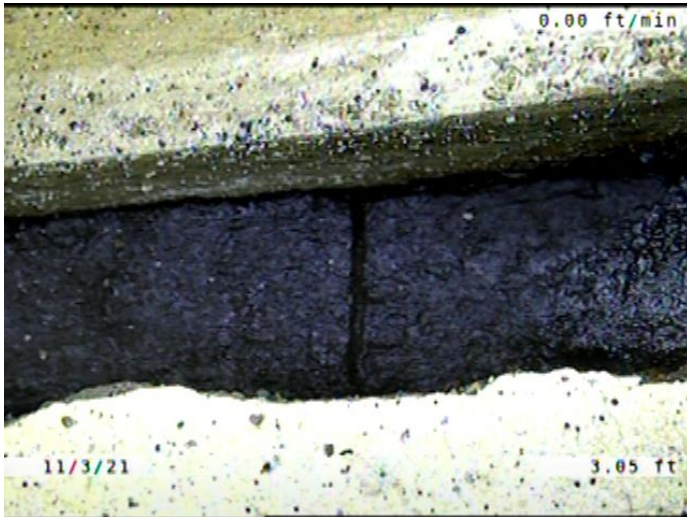
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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:	PIPE ANGLED INTO THE MANHOLE. HAD TO START IN THE PIPE.

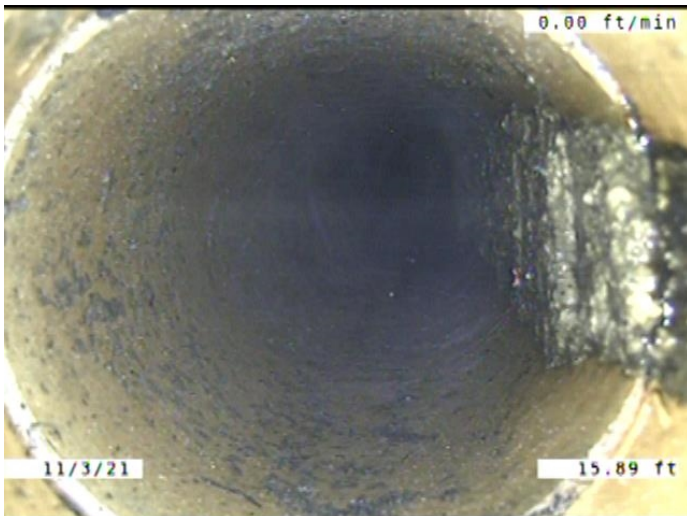


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	1.5
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	



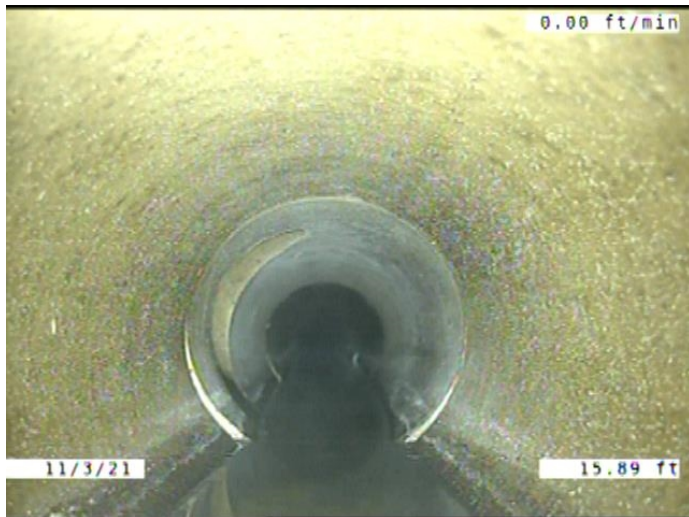
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **3.0**
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:



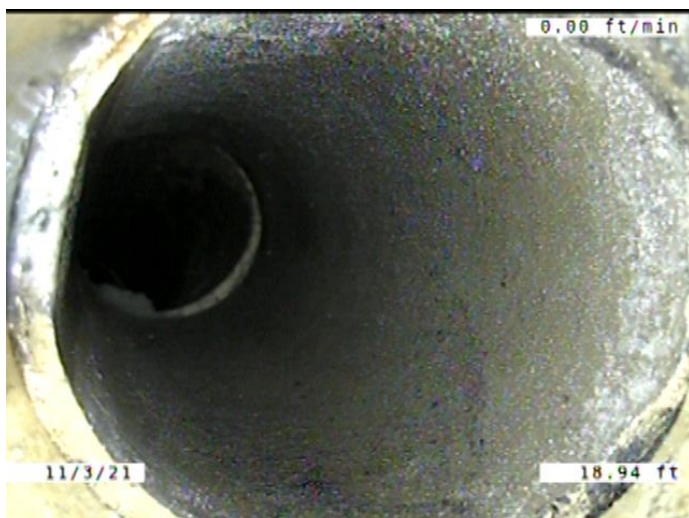
Code: **TF**
Description: **Tap Factory**

Distance (ft): **15.9**
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:



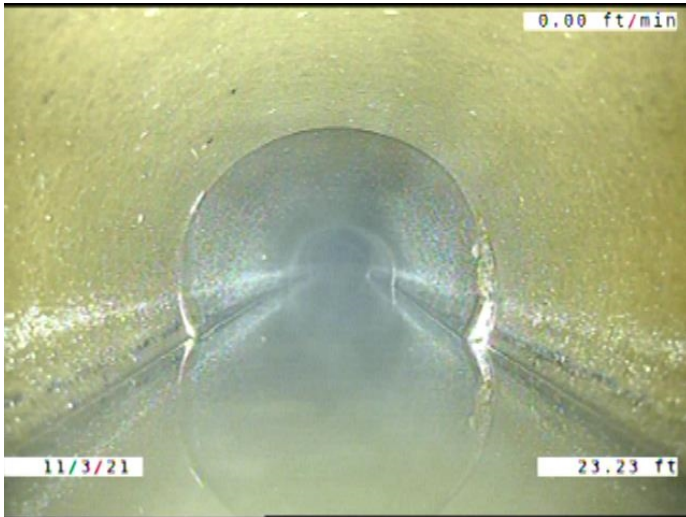
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **15.9**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **NO**
 Remarks:



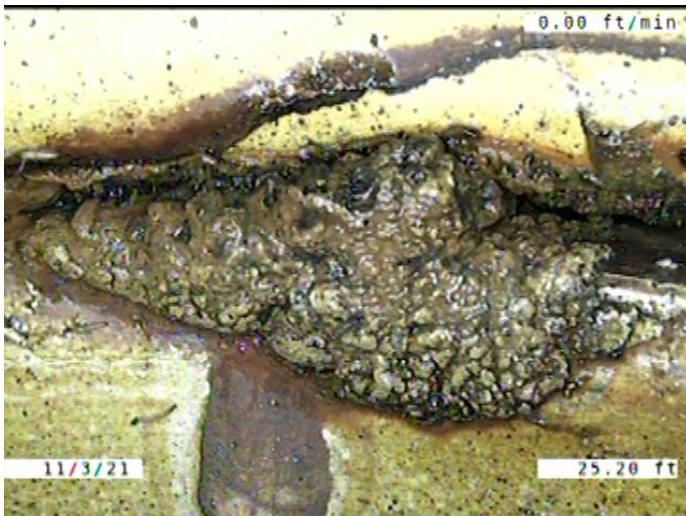
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **18.9**
 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:



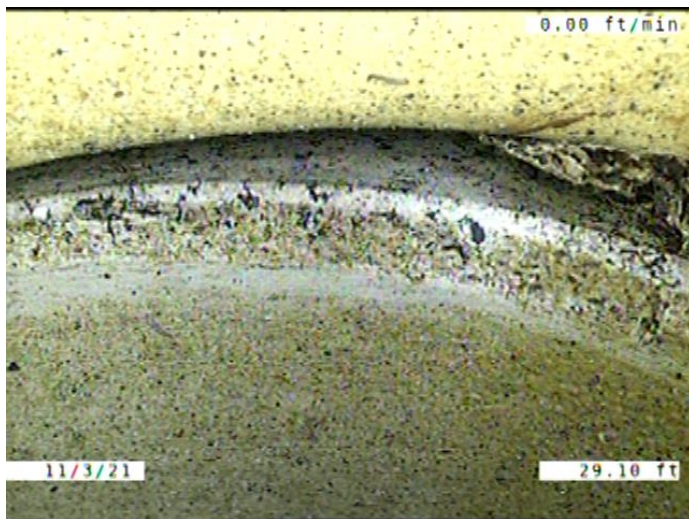
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **23.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



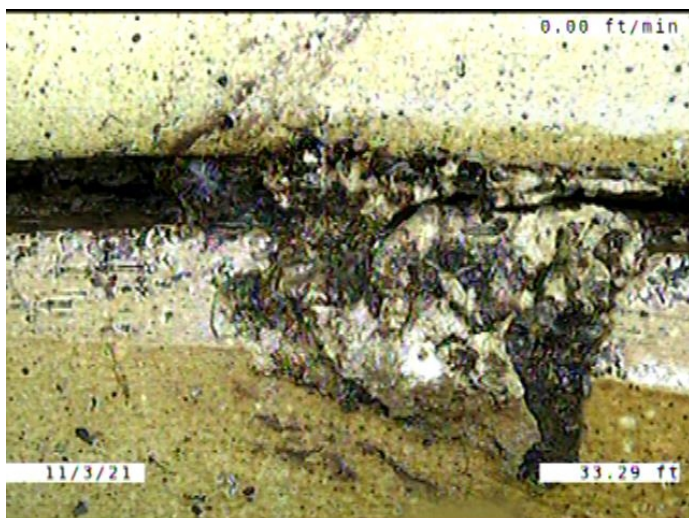
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **25.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **1**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



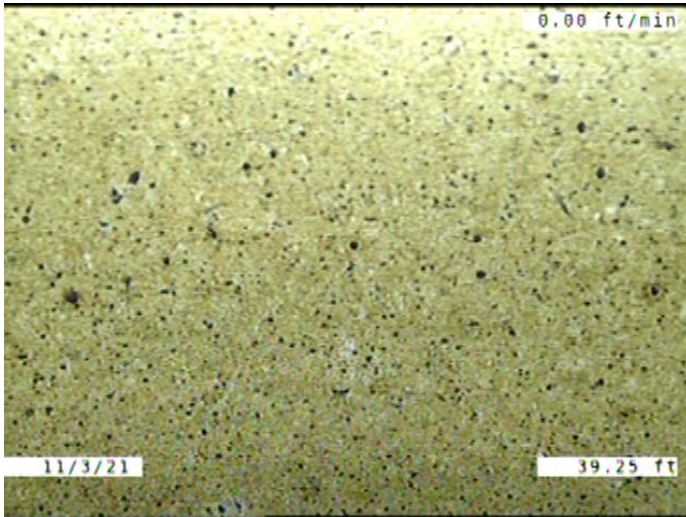
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **29.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



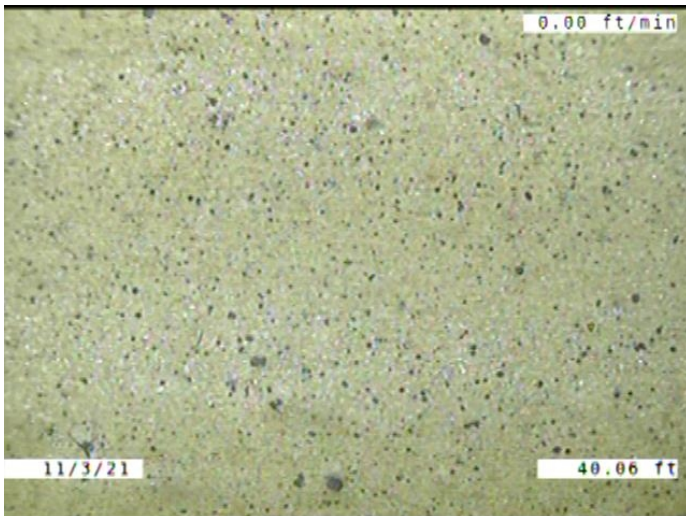
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **33.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **39.2**
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:



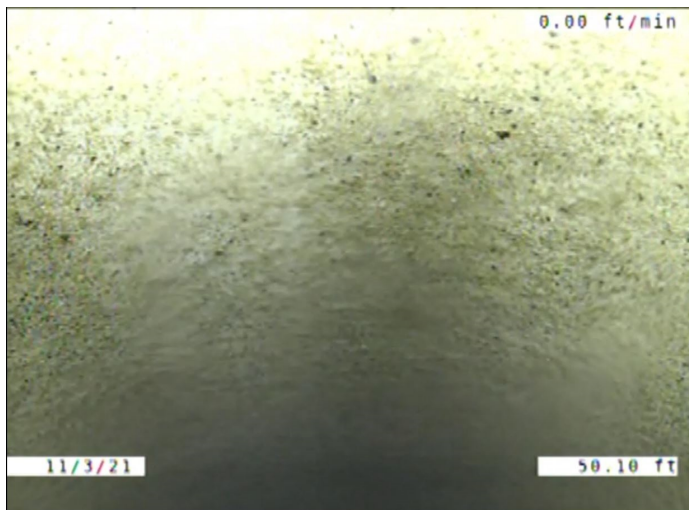
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **40.1**
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:



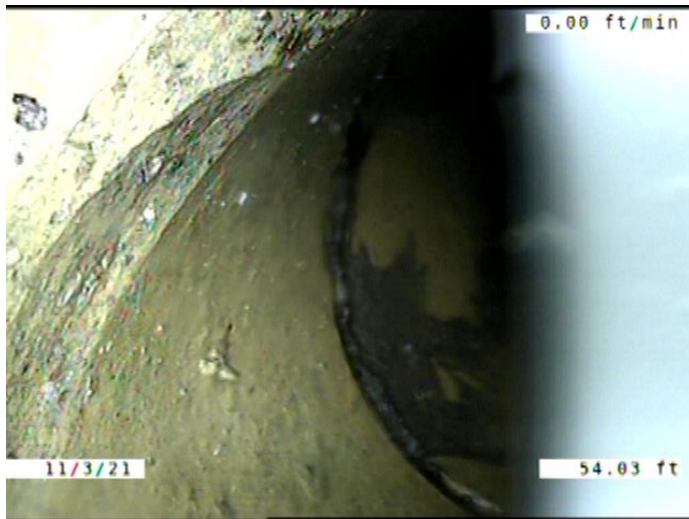
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **41.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



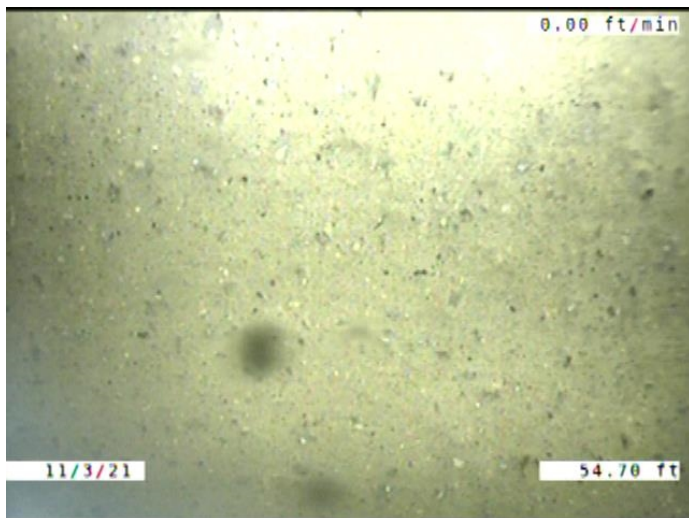
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **50.1**
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:



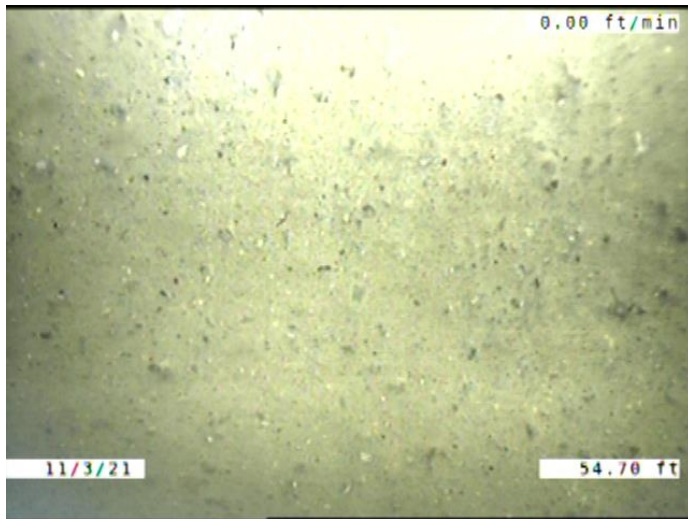
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **54.0**
 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:



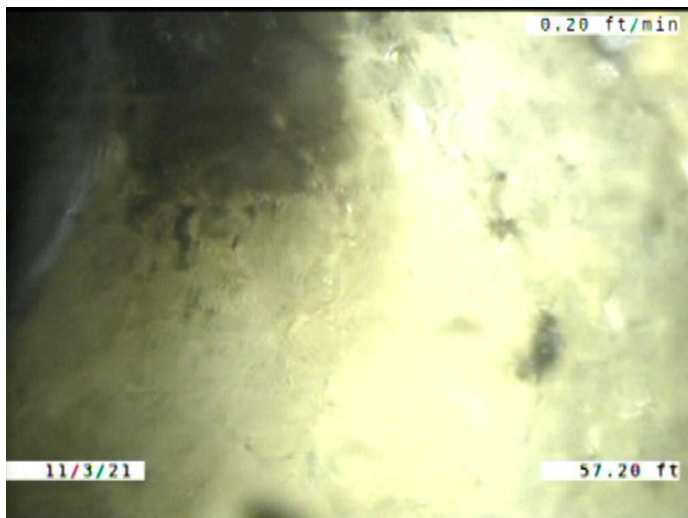
Code: **MCU**
 Description: **Miscellaneous Camera Underwater**

Distance (ft): **54.7**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **Out at 55**



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

Distance (ft): **54.7**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **35.000**
 Continuous Index: **S03**
 Within 8" of Joint: **NO**
 Remarks:



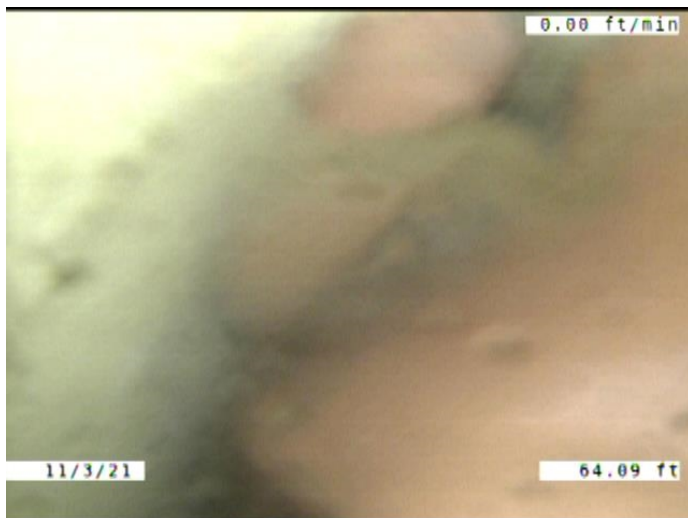
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **57.2**
 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:



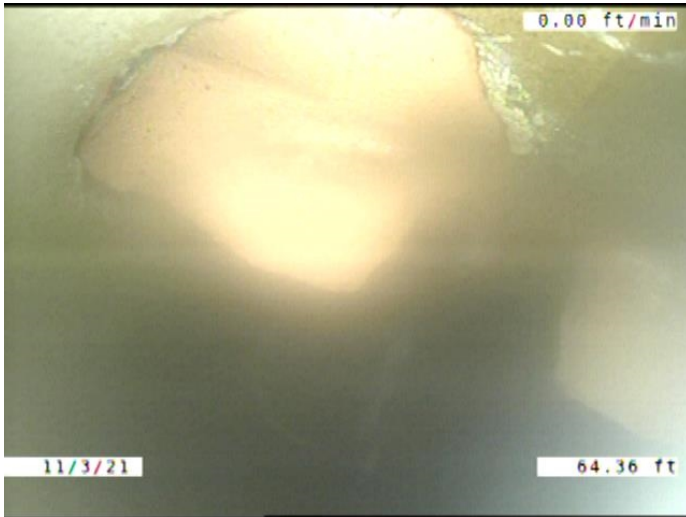
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **62.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **35.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **64.1**
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: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **64.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To:
 1st Value: **4.000**
 2nd Value: **3.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **MSA**
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **64.4**
 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: **CAMERA CANT MAKE IT PAST
 PROTUDING TAP**