

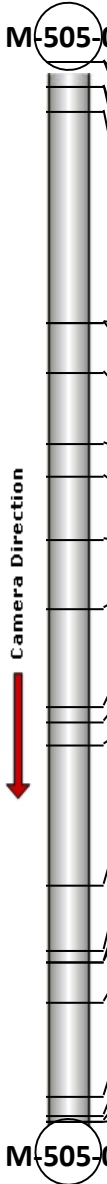
## Profile/Photo Observation Report



Date:	<b>11/03/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>166.0</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-505-062-061</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>10/28/2021</b>	Shape:	<b>C</b>

Street:	<b>2nd Court</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>CT</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-505-061</b>	DS MH:	<b>M-505-062</b>
		Total Length Surveyed (ft):	<b>64.4</b>

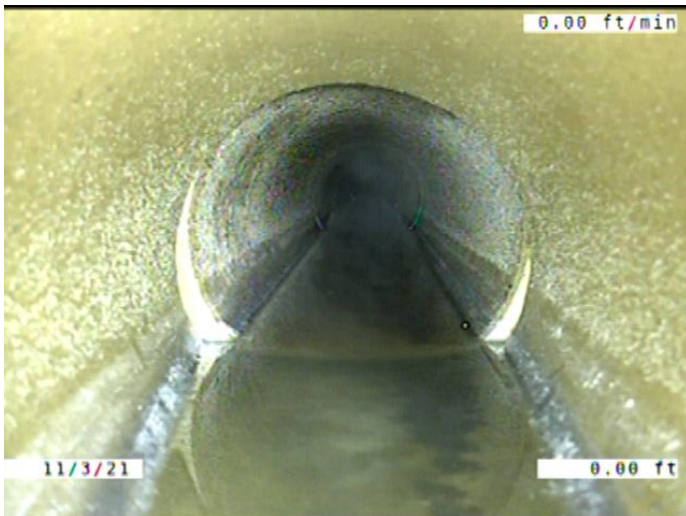
O&M Index:	<b>2.86</b>	O&M Quick:	<b>4324</b>	O&M Rating:	<b>20.00</b>
Structural Index:	<b>2.30</b>	Structural Quick:	<b>3327</b>	Structural Rating:	<b>23.00</b>
Overall Index:	<b>2.53</b>	Overall Quick:	<b>4333</b>	Overall Rating:	<b>43.00</b>

	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**

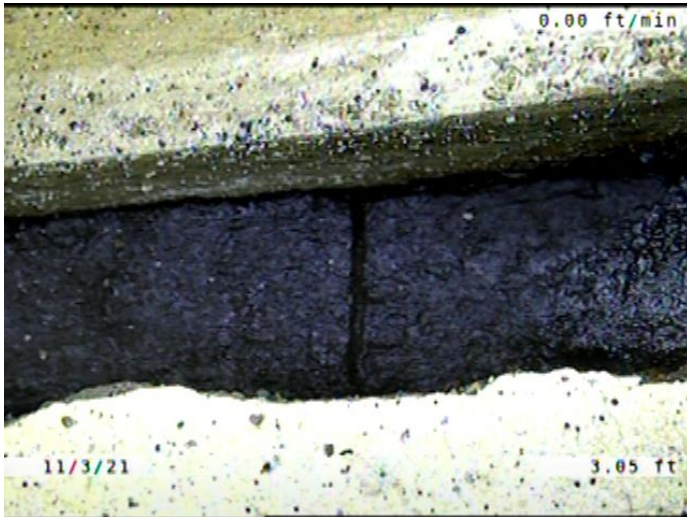
Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



Code:	<b>MGO</b>
Description:	<b>Miscellaneous General Observation</b>
Distance (ft):	<b>1.5</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>PIPE ANGLED INTO THE MANHOLE. HAD TO START IN THE PIPE.</b>



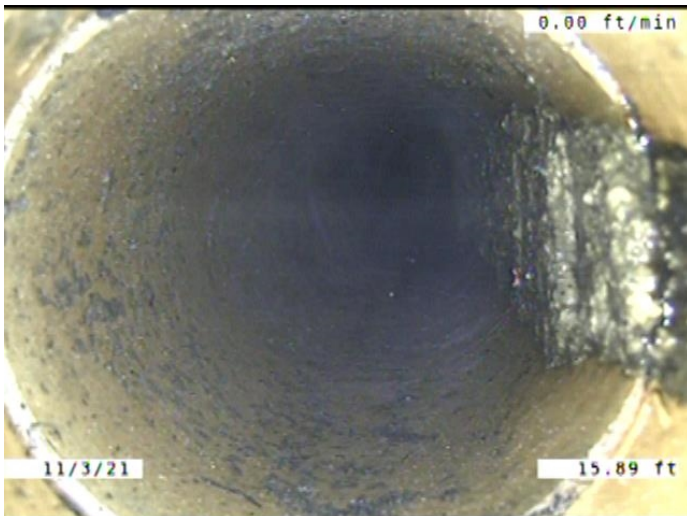
Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>1.5</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	



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:

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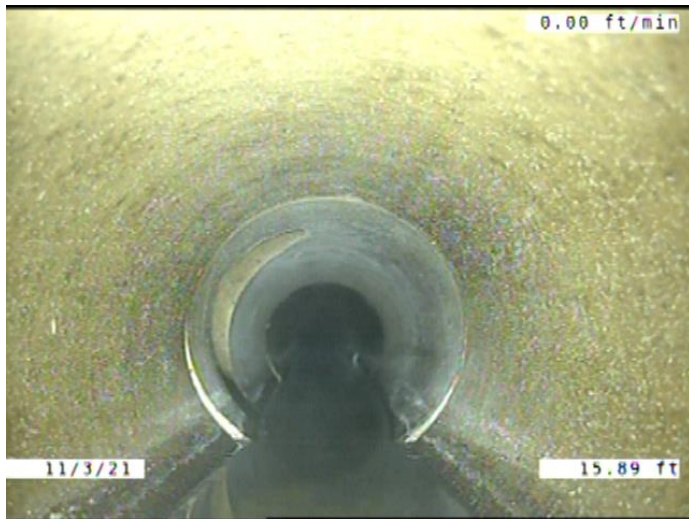


Code: **TF**  
Description: **Tap Factory**

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:

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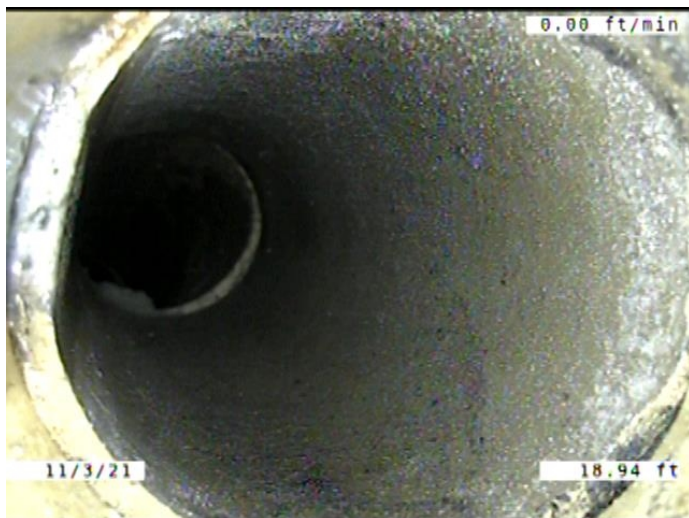




Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

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:

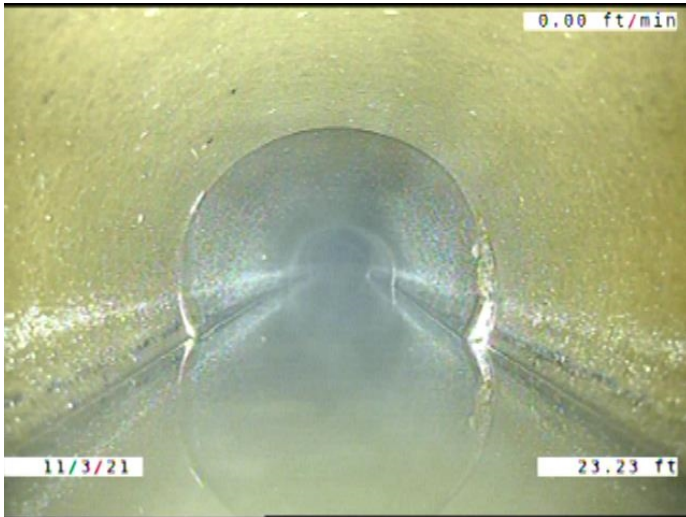
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Code: **TF**  
 Description: **Tap Factory**

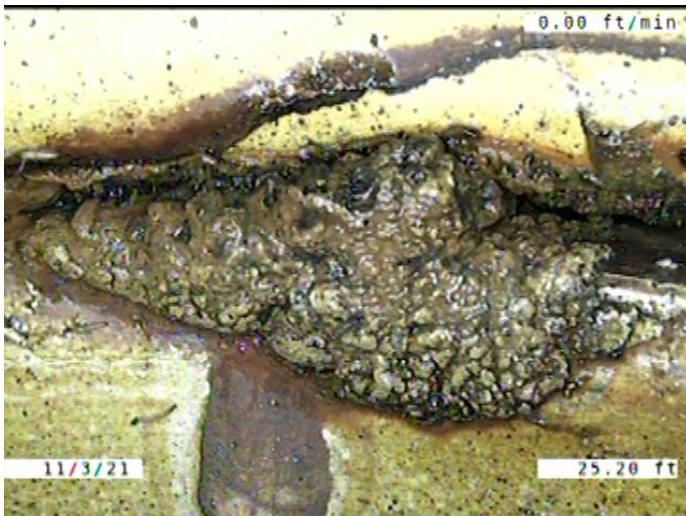
Distance (ft): **18.9**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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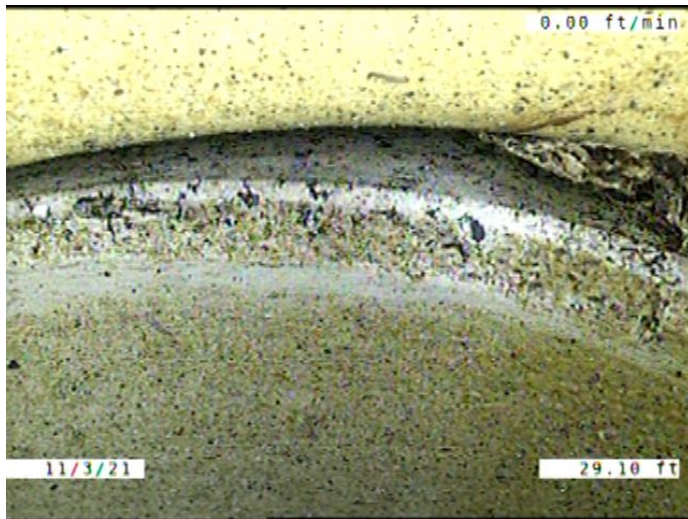
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

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:



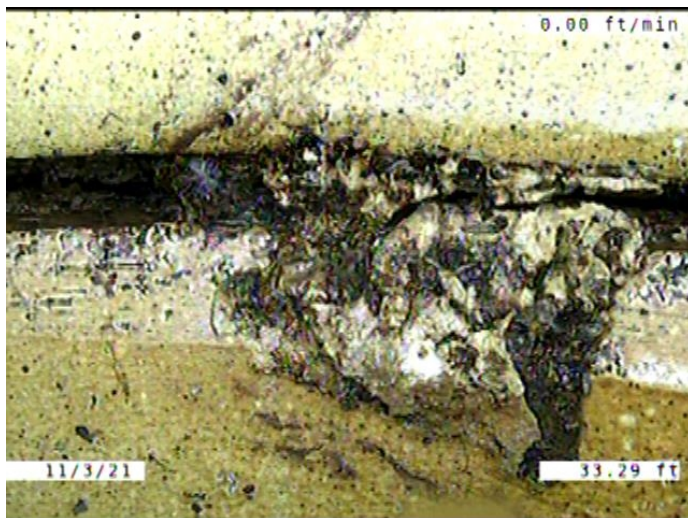
Code: **DAE**  
 Description: **Deposits Attached Encrustation**

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**

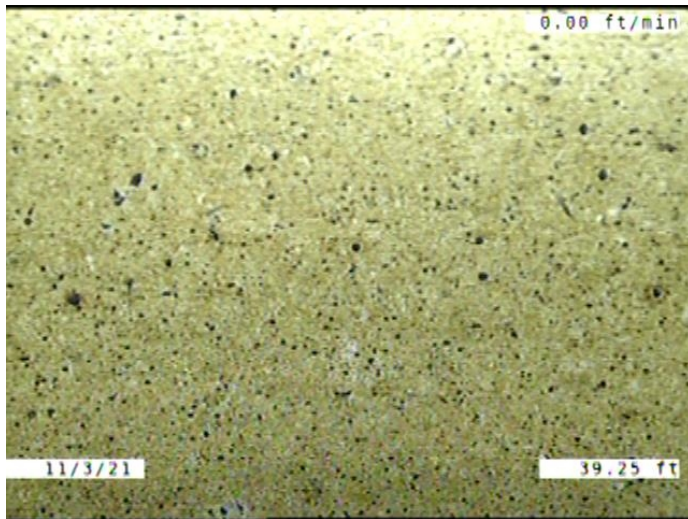
Distance (ft): **29.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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:

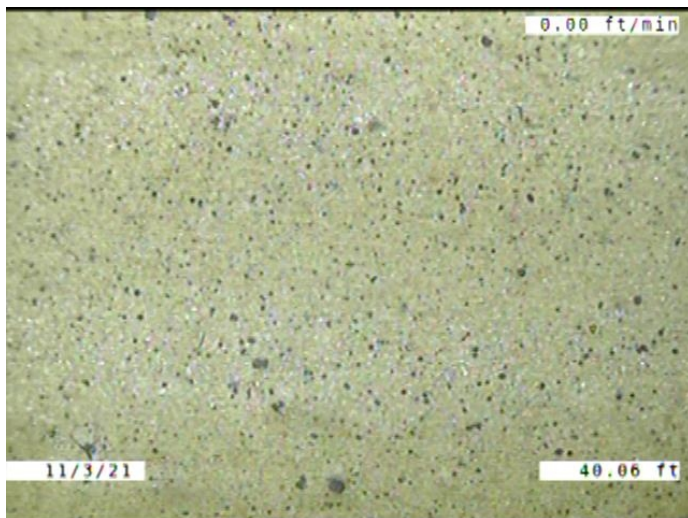




Code: **MWL**  
Description: **Miscellaneous Water Level**

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:

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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:

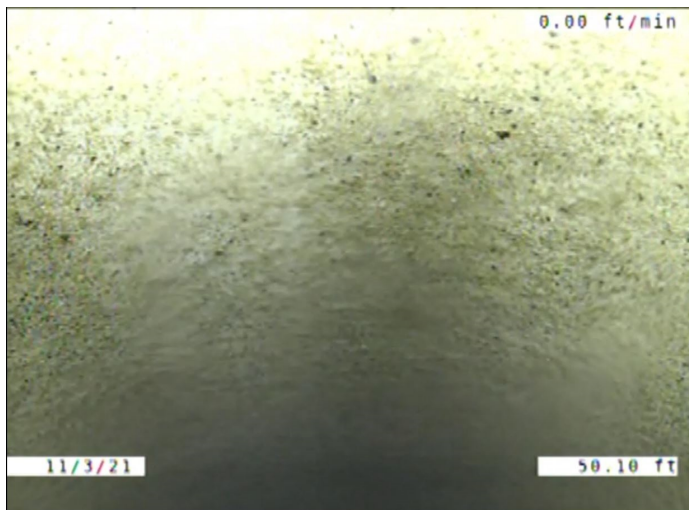
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

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:

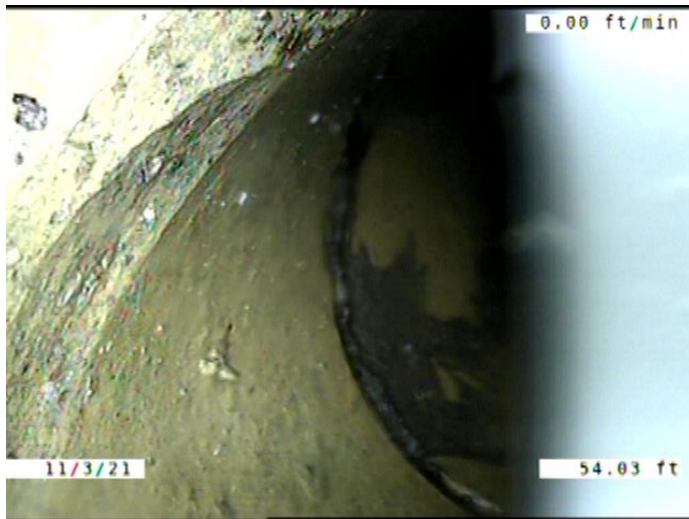
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Code: **MCU**  
Description: **Miscellaneous Camera Underwater**

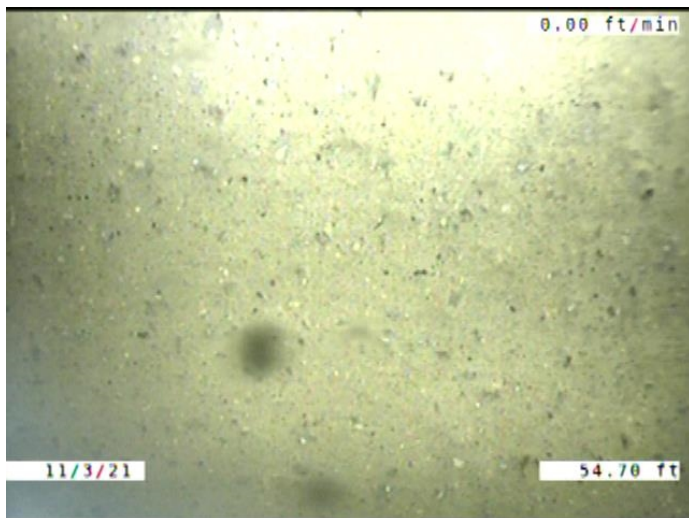
Distance (ft): **50.1**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F04**  
Within 8" of Joint: **NO**  
Remarks:

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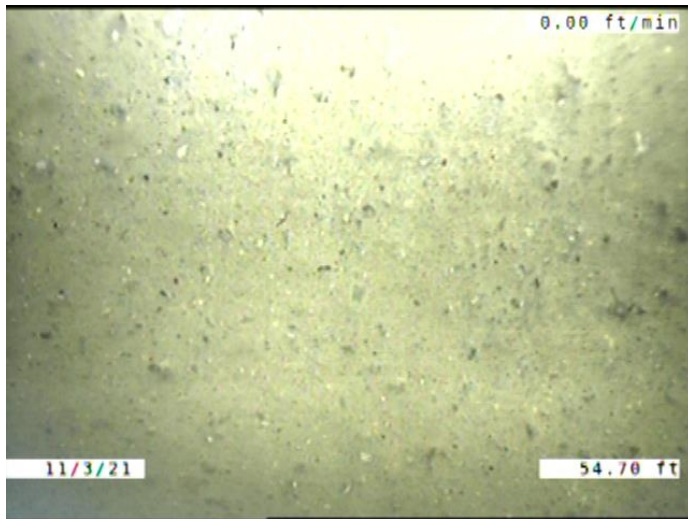
Code: **TF**  
 Description: **Tap Factory**

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**

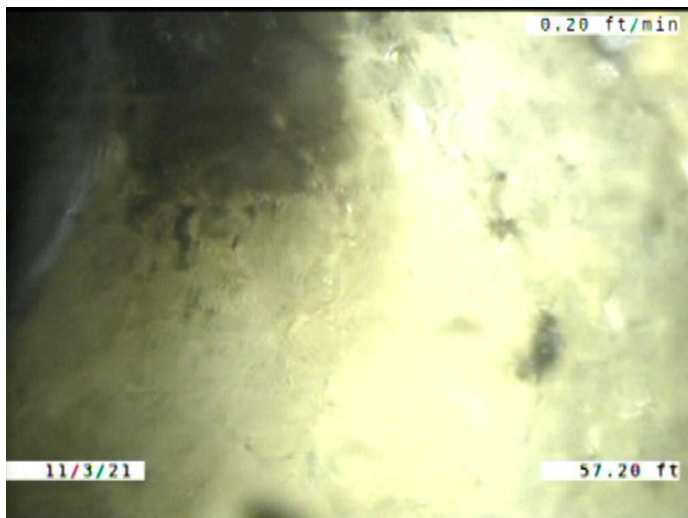
Distance (ft): **54.7**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks: **Out at 55**



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:

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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:

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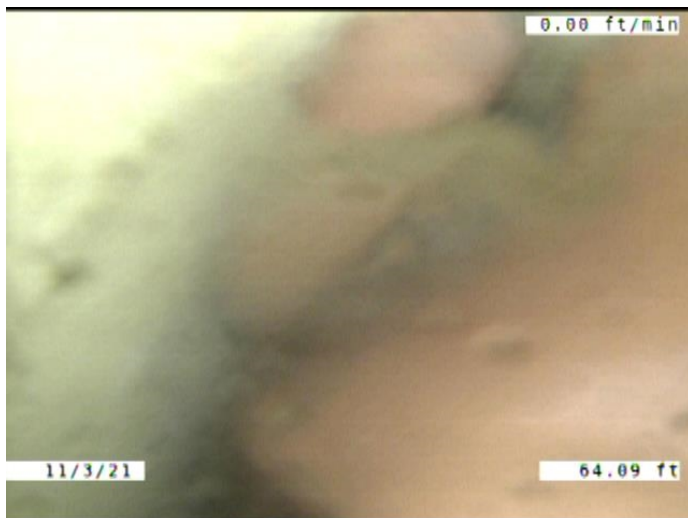




Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

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:

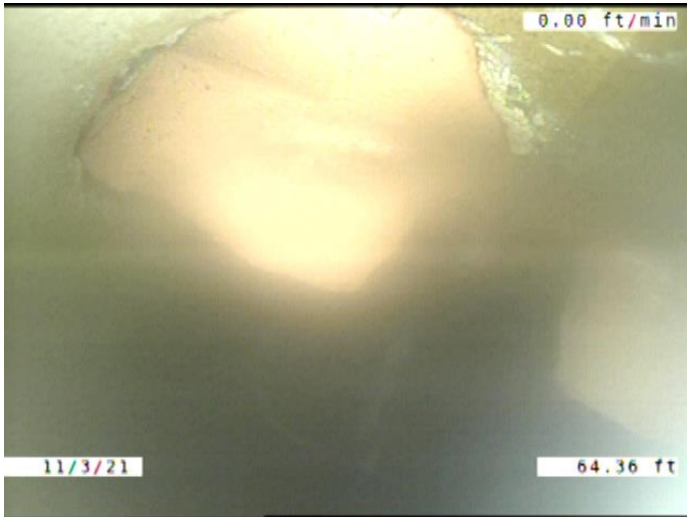
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Code: **MGO**  
Description: **Miscellaneous General Observation**

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**

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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**