

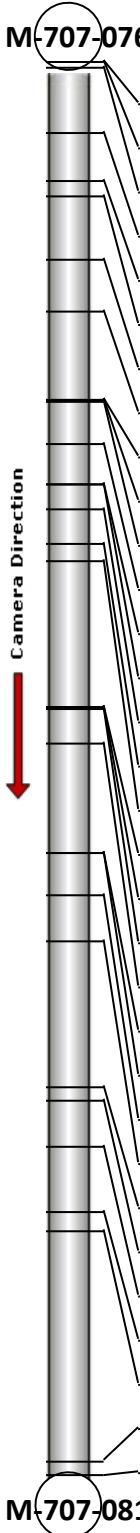
Profile/Photo Observation Report

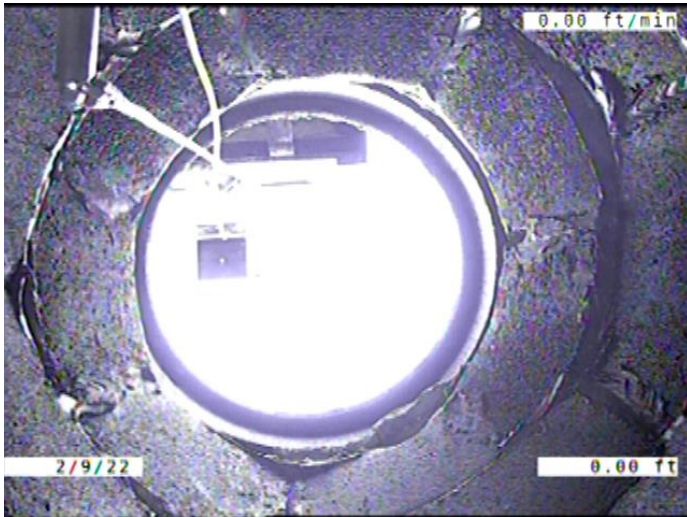


Date:	02/09/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	357.4	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-707-081-076
Customer:	City of Hobart	Clean Date:	02/08/2022	Shape:	C

Street:	South State Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	Not Known
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-707-076	DS MH:	M-707-081
		Total Length Surveyed (ft):	357.4

O&M Index:	4.00	O&M Quick:	4700	O&M Rating:	28.00
Structural Index:	3.00	Structural Quick:	3M00	Structural Rating:	210.00
Overall Index:	3.09	Overall Quick:	473M	Overall Rating:	238.00

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>	M-707-076				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	63	NA
	1.4	LFZ	Lining Feature Other	89	NA
	18.2	LFW	Lining Feature Wrinkled	191	S 3
	29.9	LFW(S01)	Lining Feature Wrinkled	257	S 3
	34.0	MWL	Miscellaneous Water Level	290	NA
	49.8	MWL	Miscellaneous Water Level	350	NA
	62.9	MWL	Miscellaneous Water Level	404	NA
	85.7	LFUC	Lining Feature Undercut Service	519	S 3
	85.7	LFOC	Lining Feature Overcut Service	546	S 3
	85.8	TB	Tap Break-in/Hammer	559	NA
	96.4	MWL	Miscellaneous Water Level	616	NA
	106.7	LFUC	Lining Feature Undercut Service	706	S 3
	106.8	TB	Tap Break-in/Hammer	720	NA
	113.0	MWL	Miscellaneous Water Level	794	NA
	122.0	MWL	Miscellaneous Water Level	848	NA
	126.2	TB	Tap Break-in/Hammer	888	NA
	163.1	MWL	Miscellaneous Water Level	1367	NA
	163.1	MCU(S02)	Miscellaneous Camera Underwater	1378	M 4
	163.8	MGO	Miscellaneous General Observation	1395	NA
	172.2	TB	Tap Break-in/Hammer	1491	NA
	200.1	MCU(F02)	Miscellaneous Camera Underwater	1746	M 4
	200.1	MWL	Miscellaneous Water Level	1755	NA
	210.8	LFRS	Lining Feature Resin slug	1831	S 3
	222.4	TB	Tap Break-in/Hammer	1941	NA
	259.1	TB	Tap Break-in/Hammer	2161	NA
	262.7	MWL	Miscellaneous Water Level	2194	NA
	274.4	TB	Tap Break-in/Hammer	2262	NA
	290.8	MWL	Miscellaneous Water Level	2328	NA
	295.5	TB	Tap Break-in/Hammer	2374	NA
	354.2	LFW(F01)	Lining Feature Wrinkled	2560	S 3
	357.4	AMH	Manhole	2650	NA
	M-707-081				



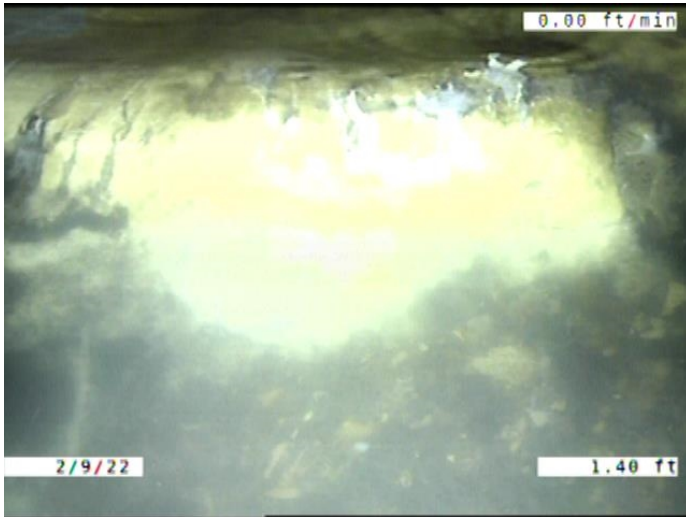
Code: **AMH**
Description: **Manhole**

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-707-076**

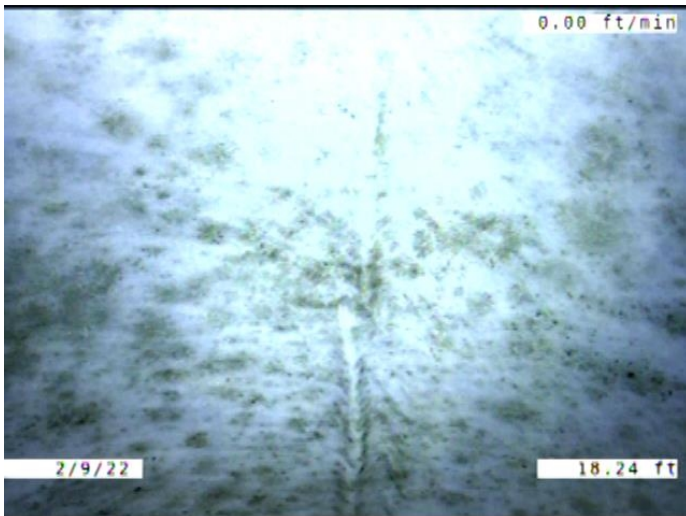


Code: **MWL**
Description: **Miscellaneous Water Level**

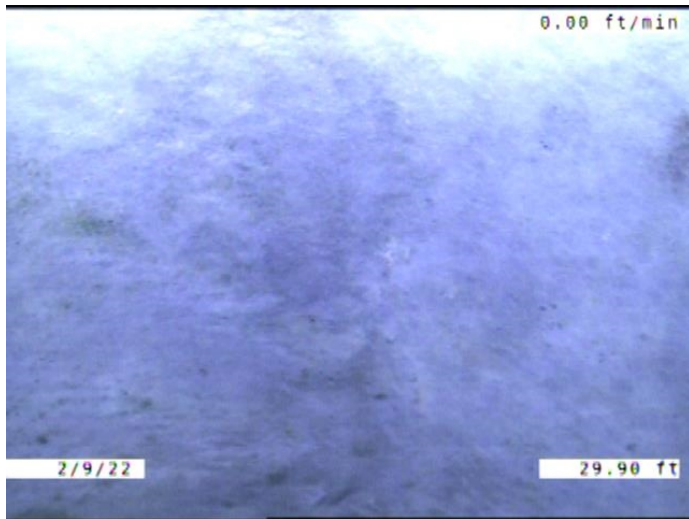
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	LFZ
Description:	Lining Feature Other
Distance (ft):	1.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	4
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	LOOKS LIKE SOMETHING WAS LINED OVER AND IS CREATING A POCKET F



Code:	LFW
Description:	Lining Feature Wrinkled
Distance (ft):	18.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	11
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: **LFW**
Description: **Lining Feature Wrinkled**

Distance (ft): **29.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **11**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **34.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



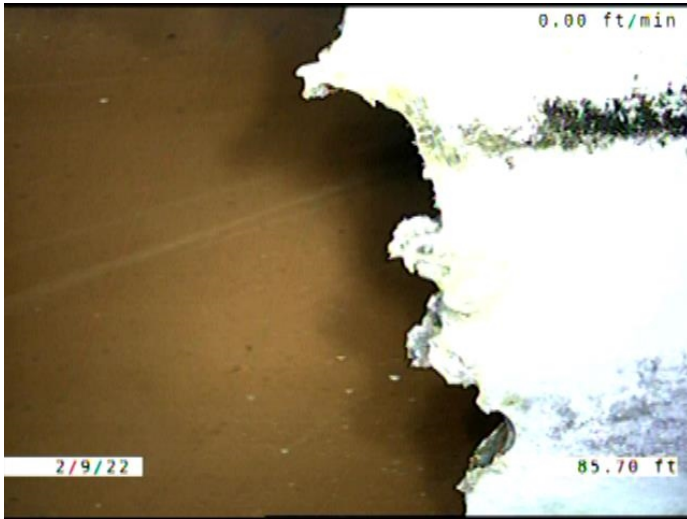
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **49.8**
 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: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **62.9**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



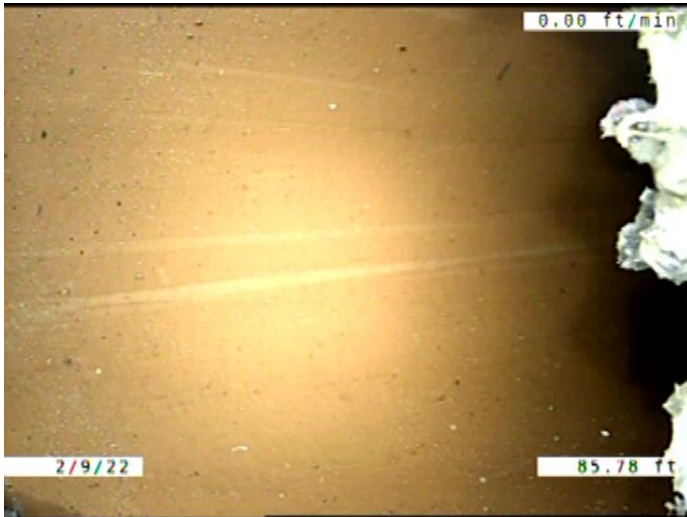
Code: **LFUC**
 Description: **Lining Feature Undercut Service**

Distance (ft): **85.7**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **LFOC**
 Description: **Lining Feature Overcut Service**

Distance (ft): **85.7**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



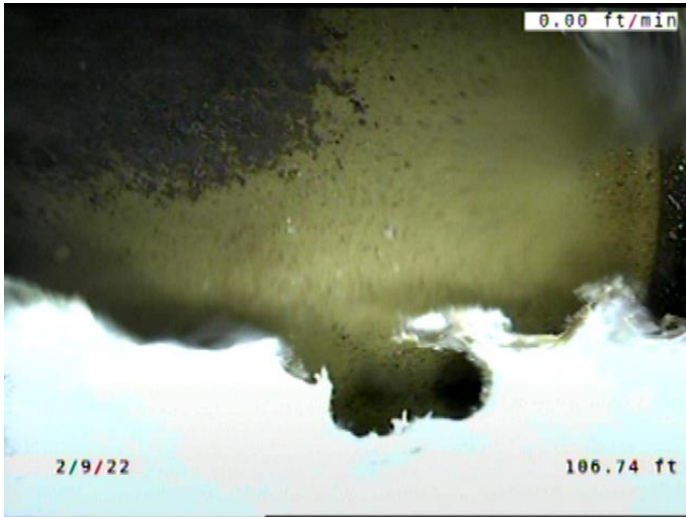
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **85.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



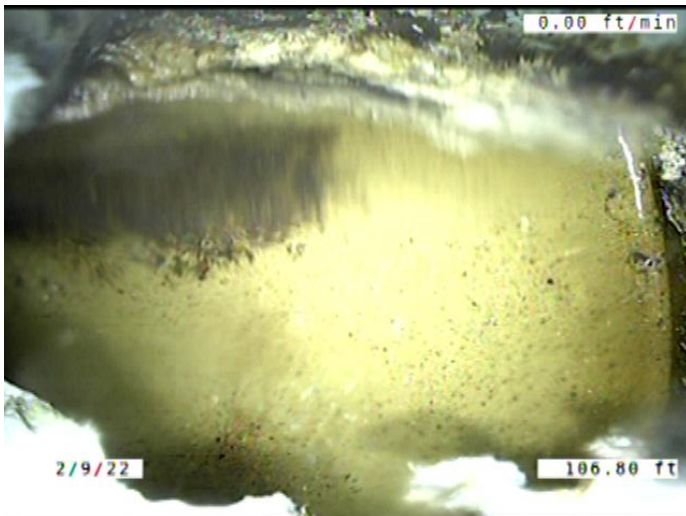
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **96.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **40.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **LFUC**
Description: **Lining Feature Undercut Service**

Distance (ft): **106.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **106.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



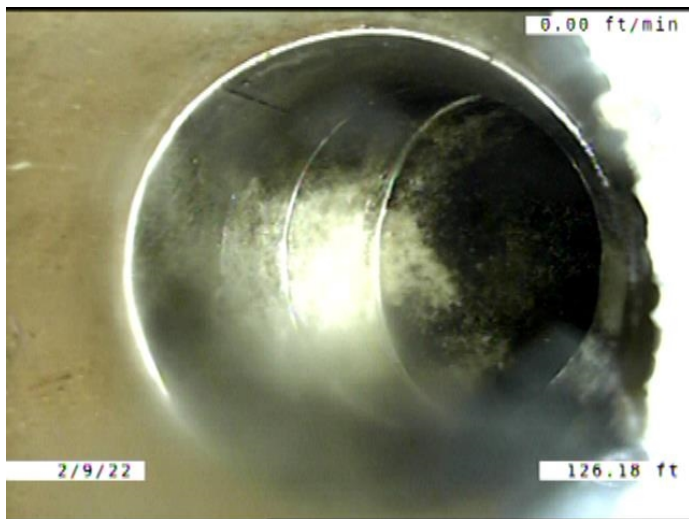
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **113.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



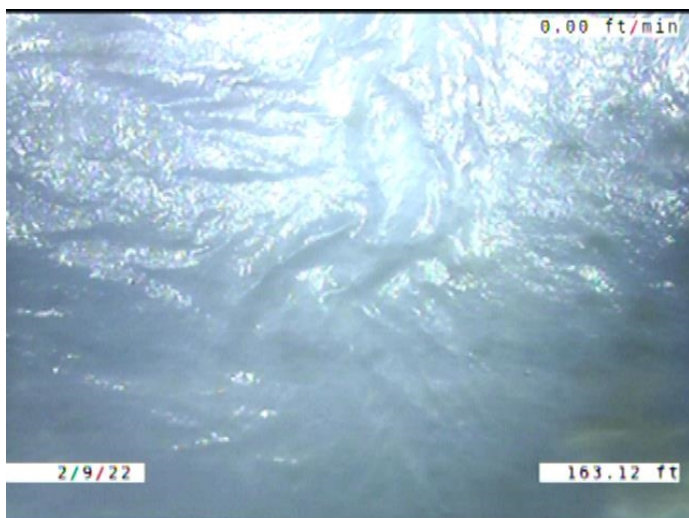
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **122.0**
 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:



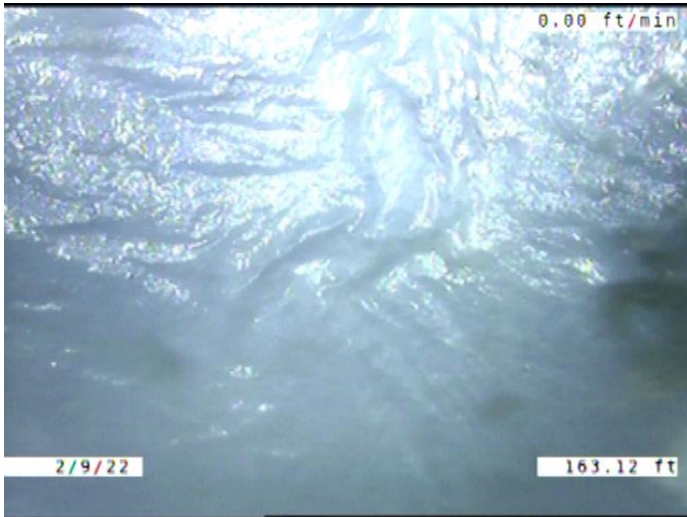
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **126.2**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



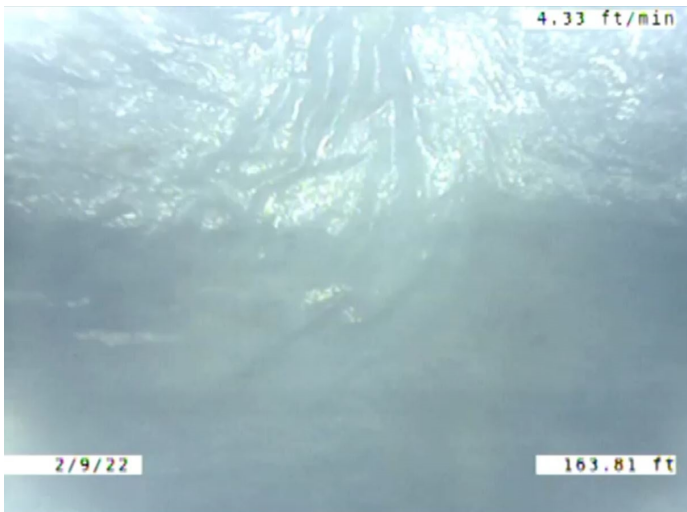
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **163.1**
 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: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **163.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **163.8**
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: **LFW visible through water**



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

Distance (ft): **172.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



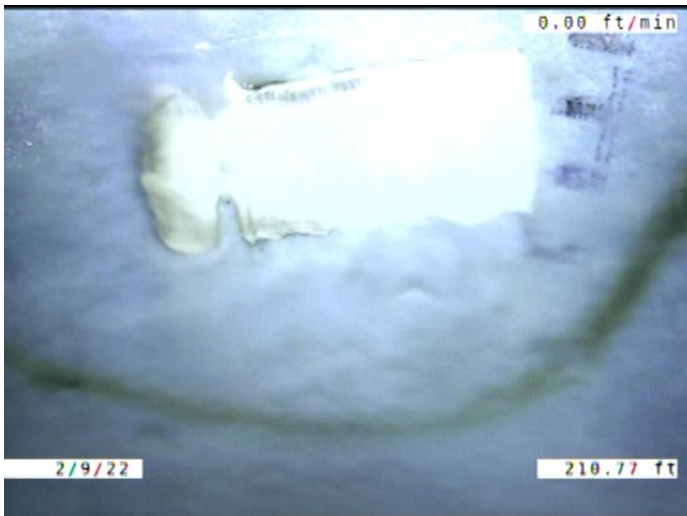
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **200.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



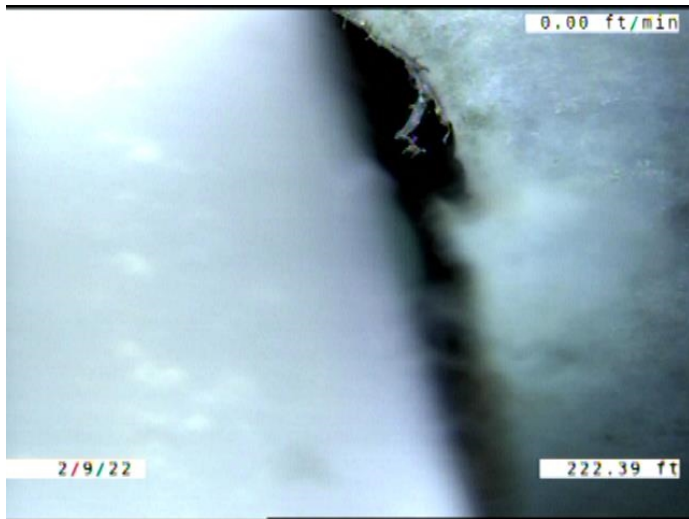
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **200.1**
 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:



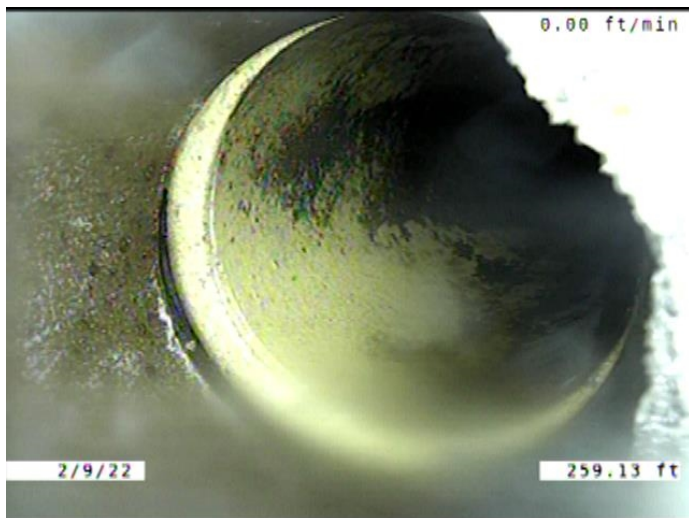
Code: **LFRS**
 Description: **Lining Feature Resin slug**

Distance (ft): **210.8**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **222.4**
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: **NO**
Remarks:



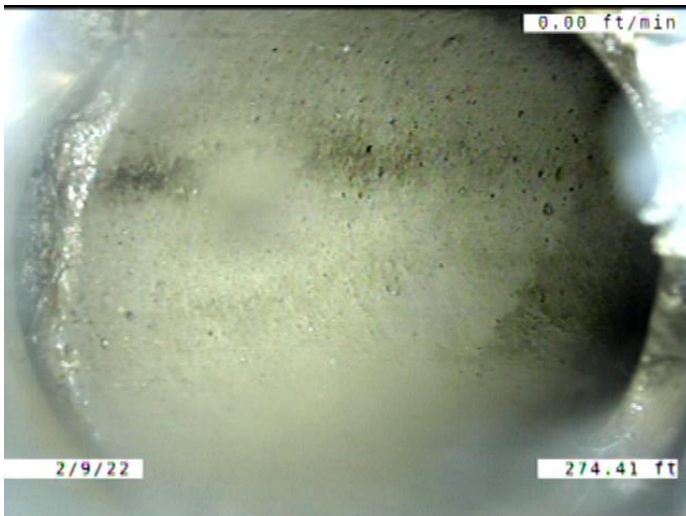
Code: **TB**
Description: **Tap Break-in/Hammer**

Distance (ft): **259.1**
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: **NO**
Remarks:



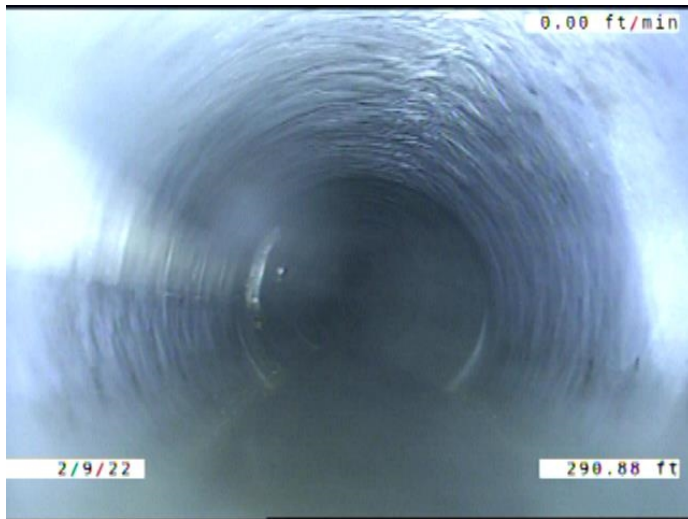
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **262.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



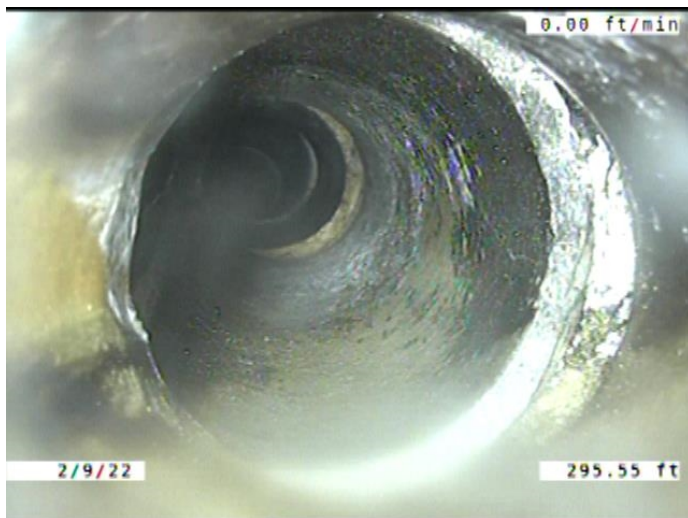
Code: **TB**
 Description: **Tap Break-in/Hammer**

Distance (ft): **274.4**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **290.8**
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:



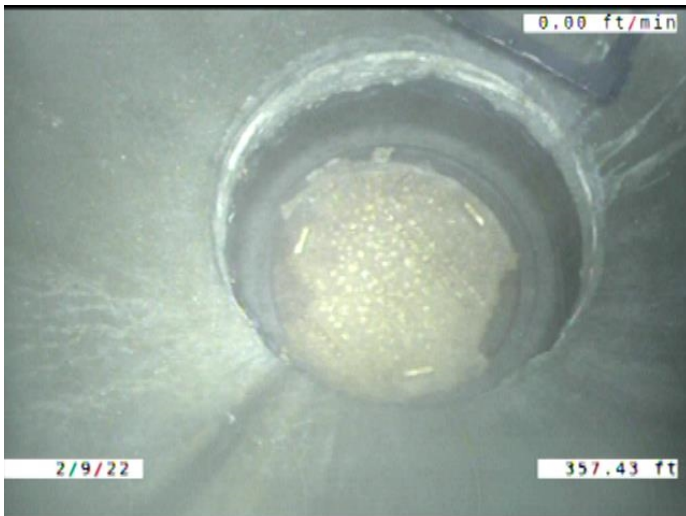
Code: **TB**
Description: **Tap Break-in/Hammer**

Distance (ft): **295.5**
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: **SEVERAL OFFSET JOINTS**



Code: **LFW**
 Description: **Lining Feature Wrinkled**

Distance (ft): **354.2**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F01**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **357.4**
 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-707-081**