

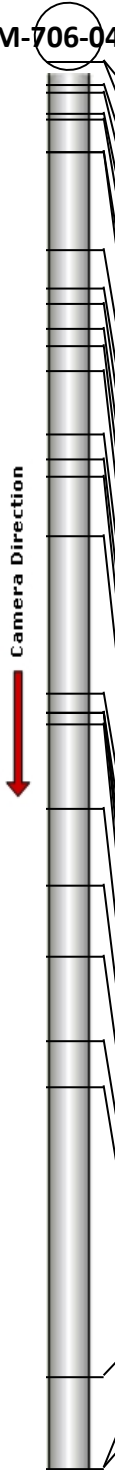
## Profile/Photo Observation Report

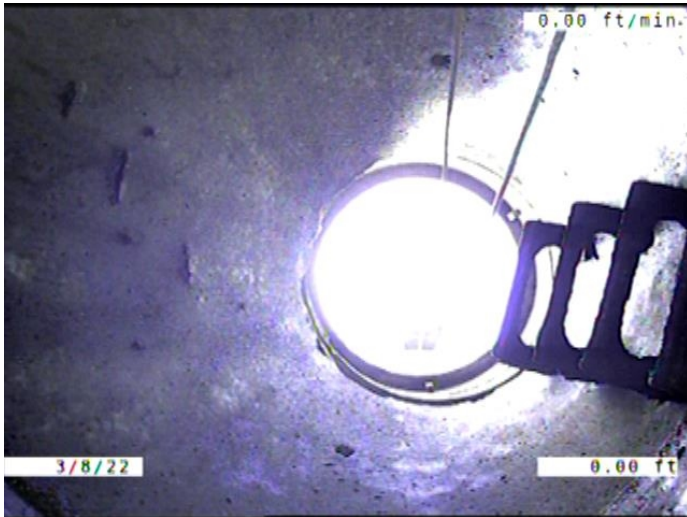


Date:	03/08/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	302.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-706-042.2-042.1
Customer:	City of Hobart, IN (Red	Clean Date:	02/28/2022	Shape:	C

Street:	Water 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:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-706-042.1	DS MH:	M-706-042.2
		Total Length Surveyed (ft):	300.0

O&M Index:	2.05	O&M Quick:	4232	O&M Rating:	197.00
Structural Index:	2.00	Structural Quick:	2B00	Structural Rating:	34.00
Overall Index:	2.04	Overall Quick:	4232	Overall Rating:	231.00

	Position	Code	Observation	Video (sec)	Grade
<b>M-706-042.1</b>					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	58	NA
	4.9	TF	Tap Factory	96	NA
	6.9	TF	Tap Factory	130	NA
	10.9	TF	Tap Factory	172	NA
	12.1	DAE(S01)	Deposits Attached Encrustation	219	M 2
	19.0	CS	Crack Spiral	269	S 2
	19.0	ISB	Infiltration Stain Barrel	282	M 1
	40.2	MWLS(S02)	Miscellaneous Water Level Sag	382	S 2
	48.3	MWLS(F02)	Miscellaneous Water Level Sag	420	S 2
	51.5	IWJ	Infiltration Weeper Joint	448	M 2
	56.5	TF	Tap Factory	484	NA
	60.2	MWLS(S03)	Miscellaneous Water Level Sag	513	S 2
	65.5	DAR	Deposits Attached Ragging	542	M 2
	79.2	MWLS(F03)	Miscellaneous Water Level Sag	600	S 2
	84.6	TF	Tap Factory	632	NA
	88.6	TF	Tap Factory	667	NA
	100.7	TF	Tap Factory	722	NA
	134.3	TF	Tap Factory	841	NA
	138.2	IRC	Infiltration Runner Connection	897	M 4
	138.2	TFD	Tap Factory Defective	910	M 3
	138.2	MWLS(S04)	Miscellaneous Water Level Sag	923	S 2
	140.6	DSF(S05)	Deposits Settled Fine	944	M 2
	159.0	IRJ	Infiltration Runner Joint	1018	M 4
	175.0	IDJ	Infiltration Dripper Joint	1185	M 3
	190.0	MWLS(F04)	Miscellaneous Water Level Sag	1249	S 2
	207.7	TF	Tap Factory	1320	NA
	217.8	TF	Tap Factory	1369	NA
	279.3	TF	Tap Factory	1595	NA
	298.8	DAE(F01)	Deposits Attached Encrustation	1691	M 2
	298.8	DSF(F05)	Deposits Settled Fine	1700	M 2
	300.0	AMH	Manhole	1767	NA
<b>M-706-042.2</b>					



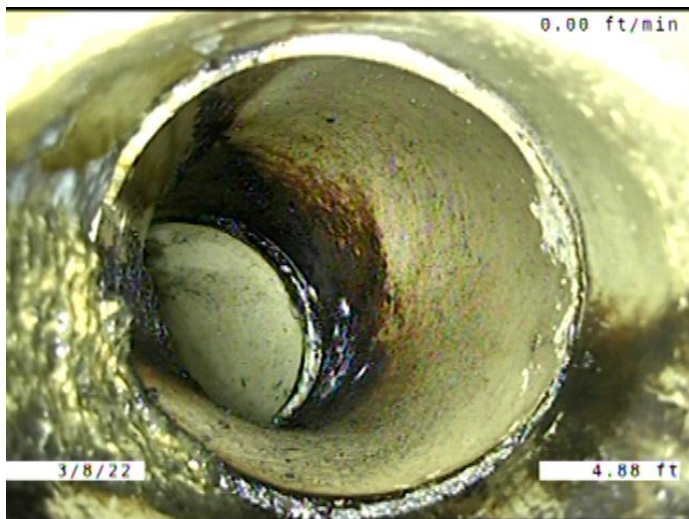
Code: **AMH**  
Description: **Manhole**

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-706-042.1**



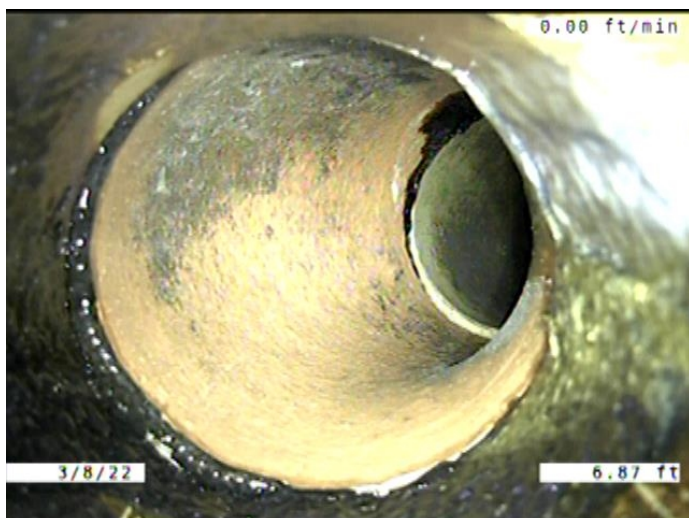
Code: **MWL**  
Description: **Miscellaneous Water Level**

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:



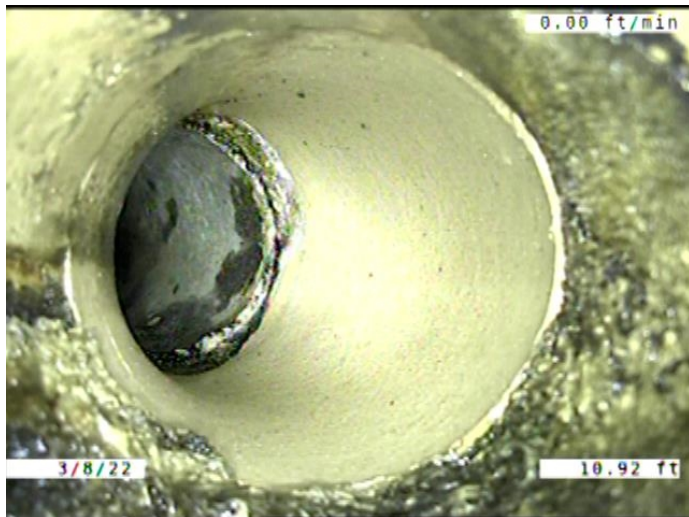
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **4.9**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER.**



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

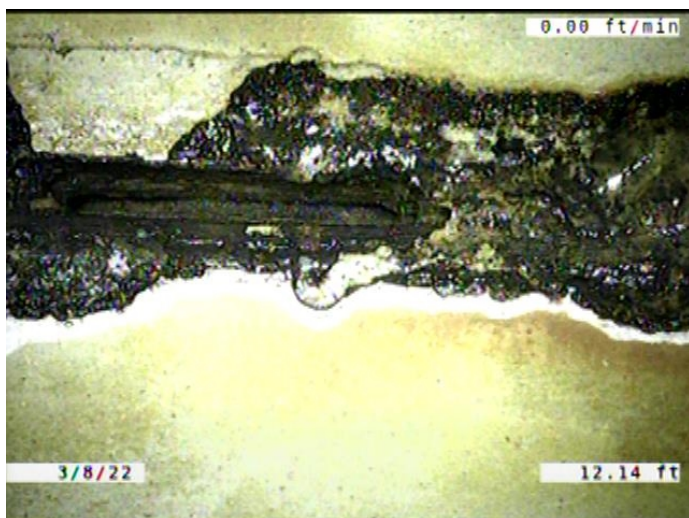
Distance (ft): **6.9**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **SERVICE TO MAIN CONNECTION  
 CONSTANTLY RUNNING WATER.**



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

Distance (ft): **10.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**

2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER..  
ENCrustATION AT THE JOINT, SERVI**



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

Distance (ft): **12.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**

1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

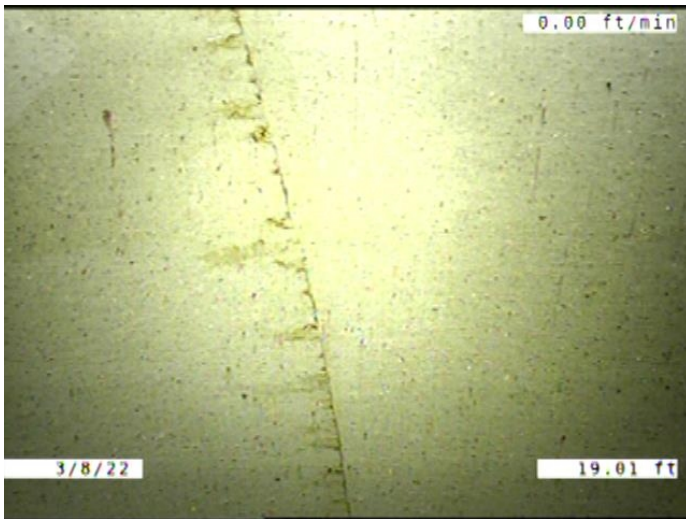




Code: **CS**  
Description: **Crack Spiral**

Distance (ft): **19.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

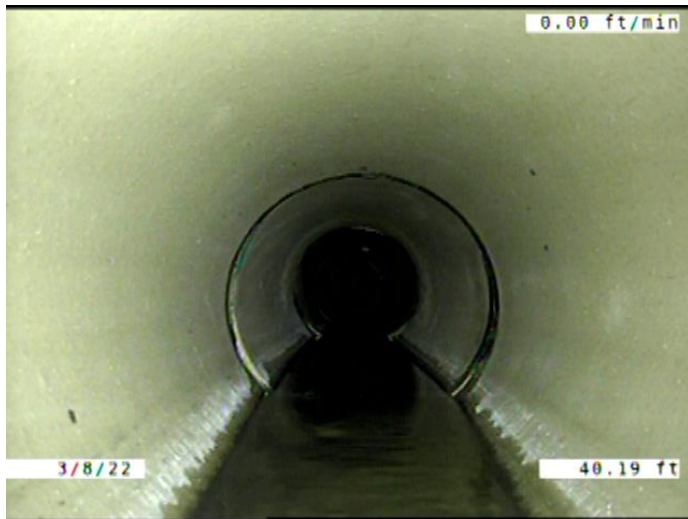
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Code: **ISB**  
Description: **Infiltration Stain Barrel**

Distance (ft): **19.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
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): **40.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

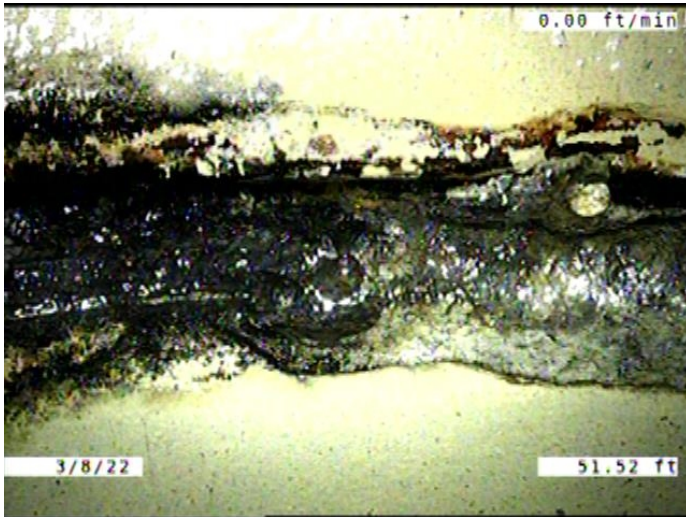
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

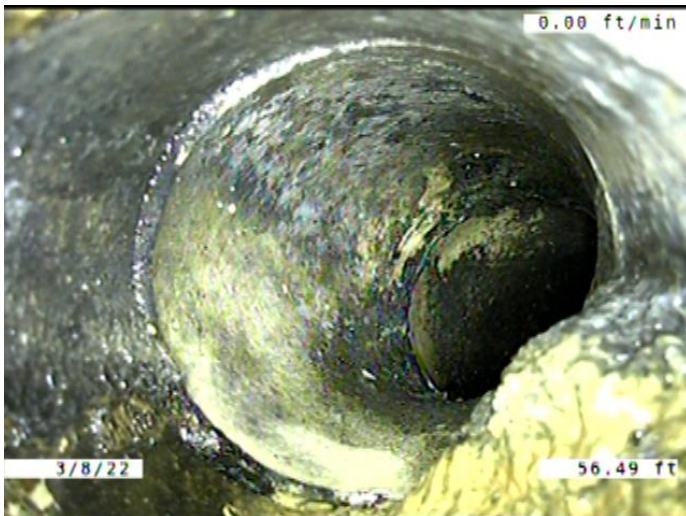
Distance (ft): **48.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **IWJ**  
 Description: **Infiltration Weeper Joint**

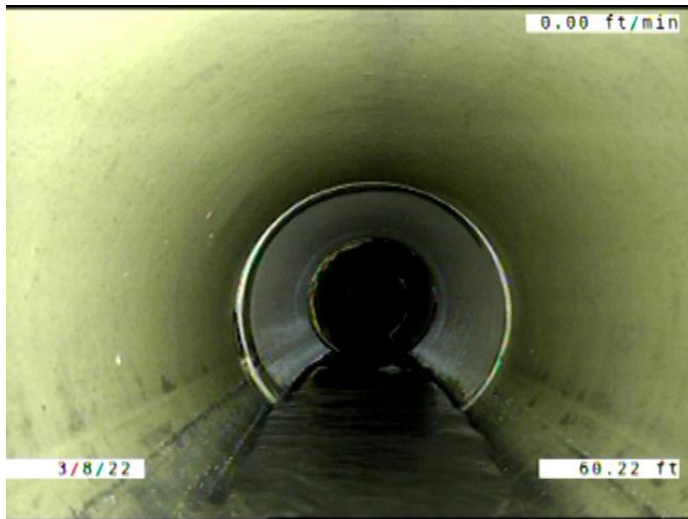
Distance (ft): **51.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **56.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCUSTATION AT THE SERVICE TO MAIN CONNECTION.**

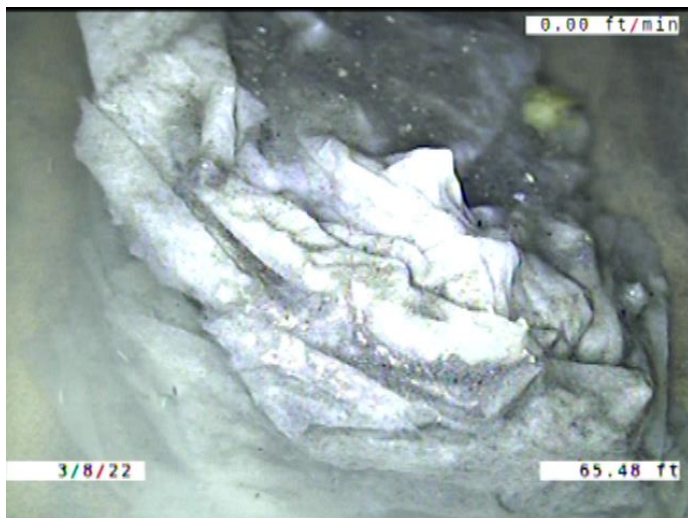




Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **60.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **NO**  
 Remarks:

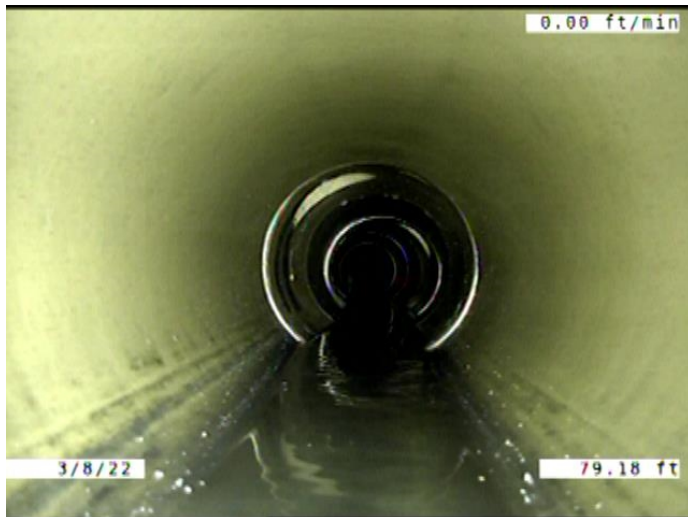
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Code: **DAR**  
 Description: **Deposits Attached Ragging**

Distance (ft): **65.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

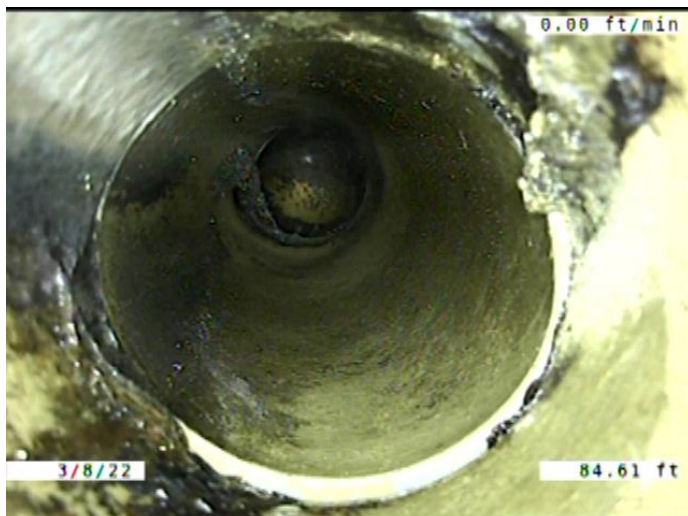
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Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **79.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:

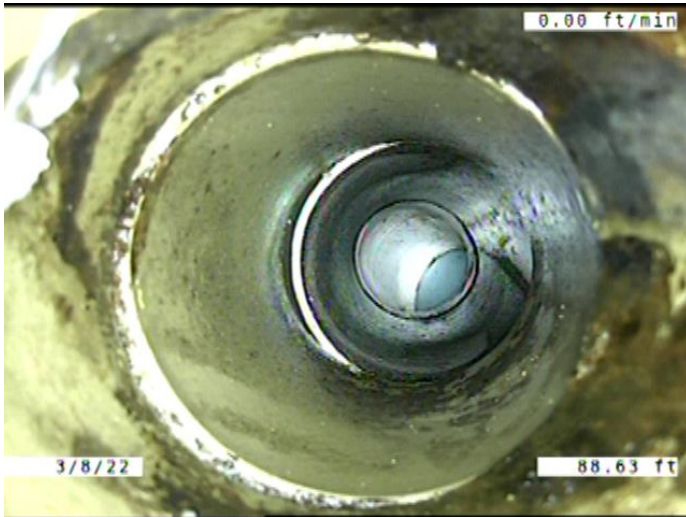
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Code: **TF**  
 Description: **Tap Factory**

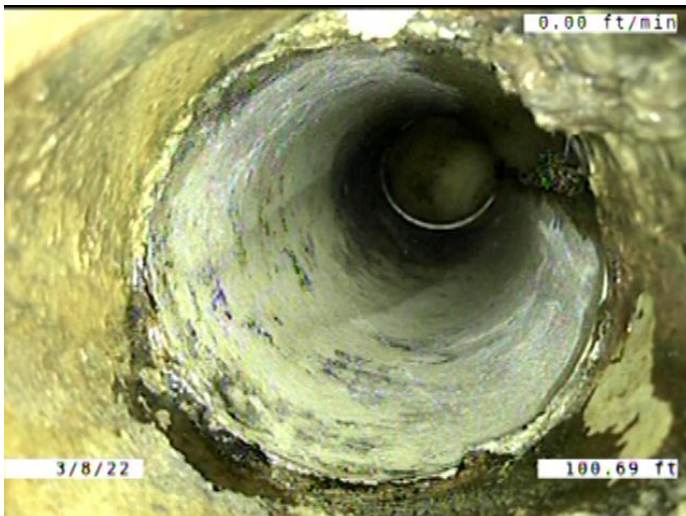
Distance (ft): **84.6**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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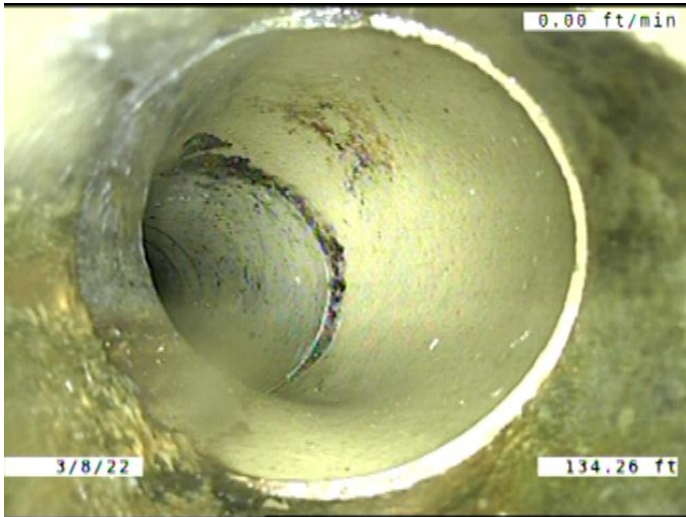
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **88.6**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



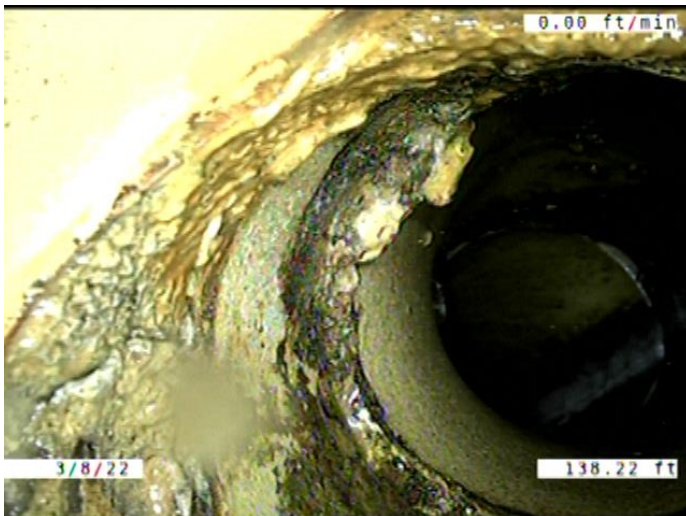
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **100.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCUSTATION AT THE SERVICE TO MAIN CONNECTION.**



Code:	TF
Description:	Tap Factory
Distance (ft):	134.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	CONSTANTLY RUNNING WATER.

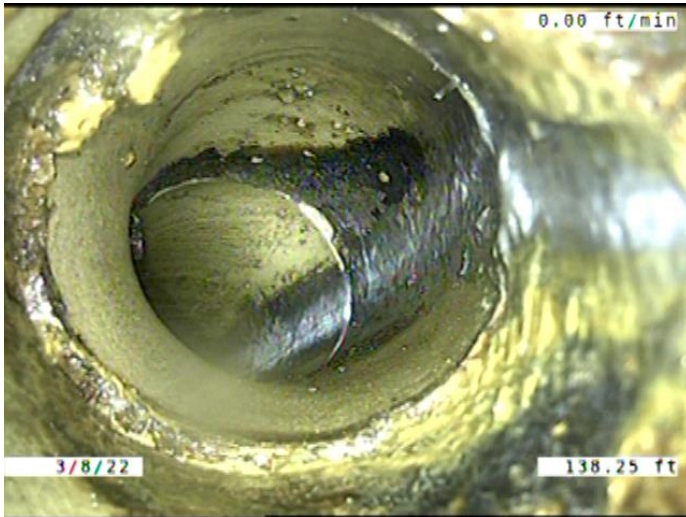
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Code:	IRC
Description:	Infiltration Runner Connection
Distance (ft):	138.2
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	1
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	TAP BROKEN. CONSTANTLY RUNNING WATER.

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Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **138.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **BROKEN. CONSTANTLY RUNNING WATER FROM THE BROEKN TAP.**

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

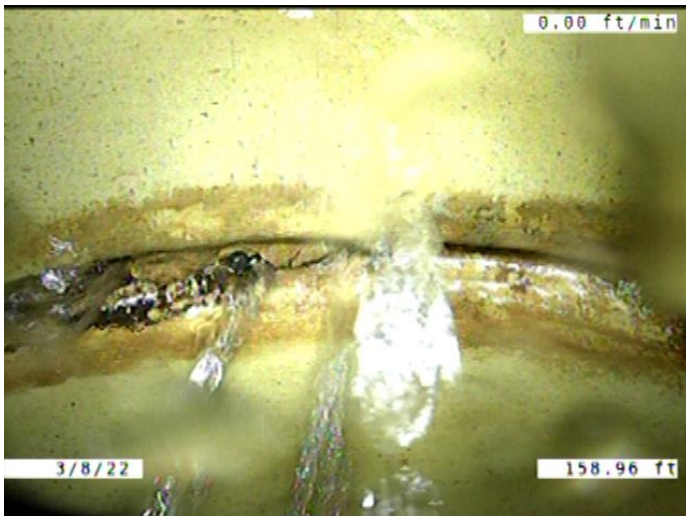
Distance (ft): **138.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **S04**  
 Within 8" of Joint: **NO**  
 Remarks:

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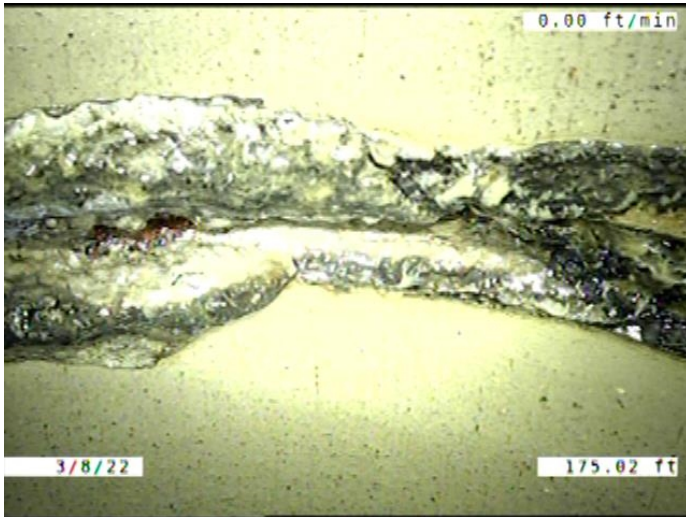
Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **140.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S05**  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **IRJ**  
 Description: **Infiltration Runner Joint**

Distance (ft): **159.0**  
 Structural Grade: **0**  
 O&M Grade: **4**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **IDJ**  
 Description: **Infiltration Dripper Joint**

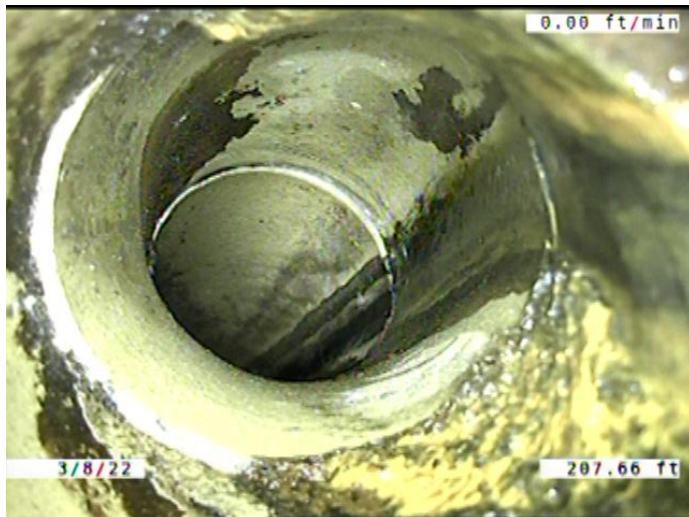
Distance (ft): **175.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **12**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

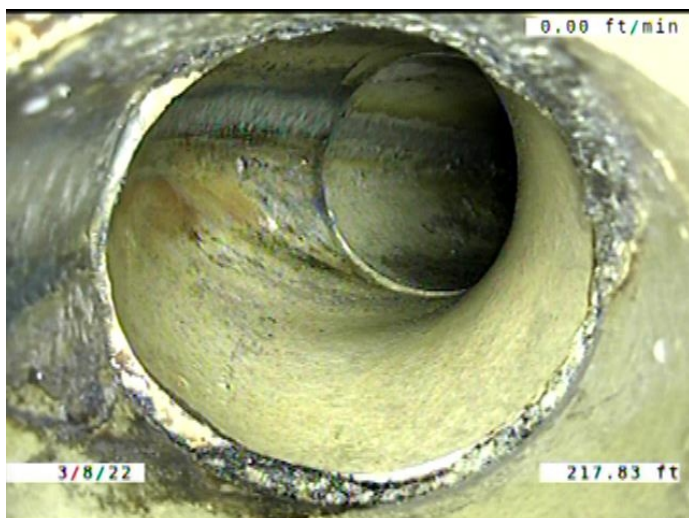
Distance (ft): **190.0**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **NO**  
 Remarks:





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

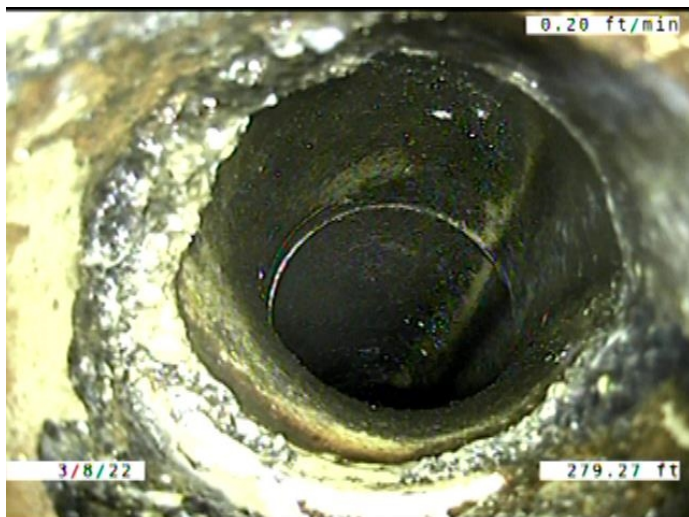
Distance (ft): **207.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY RUNNING WATER. ENCRUSTATION COMING FROM THE**



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

Distance (ft): **217.8**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **CONSTANTLY DRIPPING WATER. ENCRUSTATION COMING FROM THE S**





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

Distance (ft): **279.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**

2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER. SERVICE TO MAIN CONNECTION HAS**



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

Distance (ft): **298.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**

1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:



Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **298.8**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F05**  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **300.0**  
 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-706-042.2**