

Profile/Photo Observation Report



Date:	09/18/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	266.7	Owner:	City of Hobart	Pre Clean:	Light Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-503-061-062
Customer:	City of Hobart	Clean Date:	08/25/2021	Shape:	C

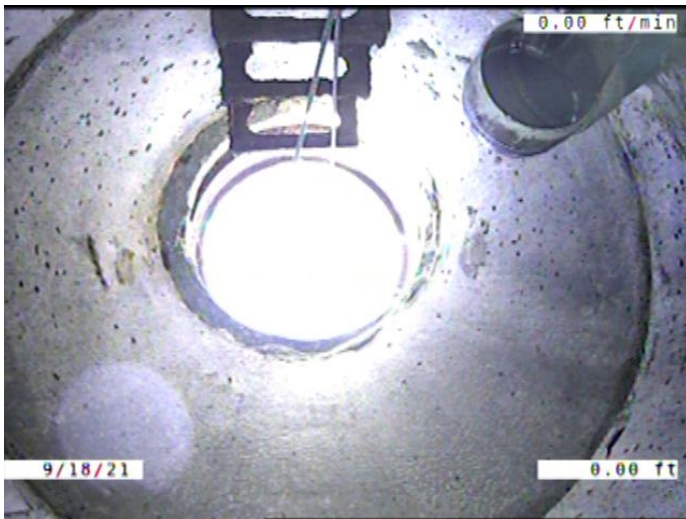
Street:	North Wisconsin Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:	JUST OFF THE SW CORNER OF THE C	Direction of Survey:	Upstream
US MH:	M-503-062	DS MH:	M-503-061
		Total Length Surveyed (ft):	266.7

O&M Index:	1.65	O&M Quick:	312A	O&M Rating:	38.00
Structural Index:	2.24	Structural Quick:	4231	Structural Rating:	47.00
Overall Index:	1.93	Overall Quick:	4232	Overall Rating:	85.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	67	NA
.7	FM	Fracture Multiple	126	S 4
13.2	LR	Line Right	192	M 1
13.7	ISJ	Infiltration Stain Joint	215	M 1
13.7	RFJ	Roots Fine Joint	230	M 1
16.4	MWLS(S01)	Miscellaneous Water Level Sag	264	S 2
28.4	ISJ	Infiltration Stain Joint	319	M 1
34.8	TF	Tap Factory	369	NA
36.4	TFC	Tap Factory Capped	392	NA
46.4	MWLS(F01)	Miscellaneous Water Level Sag	445	S 2
57.9	DAE	Deposits Attached Encrustation	512	M 2
62.8	DAE	Deposits Attached Encrustation	569	M 2
68.4	DAE	Deposits Attached Encrustation	627	M 2
79.6	TF	Tap Factory	686	NA
99.8	JOMD	Joint Offset Medium Defective	775	S 3
105.4	RFJ	Roots Fine Joint	828	M 1
106.8	MWLS(S02)	Miscellaneous Water Level Sag	851	S 2
116.6	TF	Tap Factory	895	NA

118.8	TF	Tap Factory	923	NA
118.8	MWLS(F02)	Miscellaneous Water Level Sag	937	S 2
124.4	RFJ	Roots Fine Joint	985	M 1
134.4	RFJ	Roots Fine Joint	1061	M 1
139.6	ISJ	Infiltration Stain Joint	1121	M 1
154.9	SSS	Surface Damage Surface Spalling	1202	S 2
175.6	TF	Tap Factory	1298	NA
177.4	TFC	Tap Factory Capped	1321	NA
197.6	MWLS	Miscellaneous Water Level Sag	1392	S 2
203.3	SSS	Surface Damage Surface Spalling	1423	S 2
207.5	MWLS(S03)	Miscellaneous Water Level Sag	1456	S 2
213.8	DSF(S04)	Deposits Settled Fine	1491	M 2
223.2	RMJ	Roots Medium Joint	1543	M 3
228.5	RFJ	Roots Fine Joint	1583	M 1
235.1	MWLS(F03)	Miscellaneous Water Level Sag	1620	S 2
239.1	FM(S05)	Fracture Multiple	1691	S 4
243.3	FM(F05)	Fracture Multiple	1730	S 4
243.3	MWLS(S06)	Miscellaneous Water Level Sag	1738	S 2
250.3	MWLS(F06)	Miscellaneous Water Level Sag	1774	S 2
260.0	TFC	Tap Factory Capped	1812	NA
265.2	DSF(F04)	Deposits Settled Fine	1847	M 2
266.7	AMH	Manhole	1924	NA

M-503-062



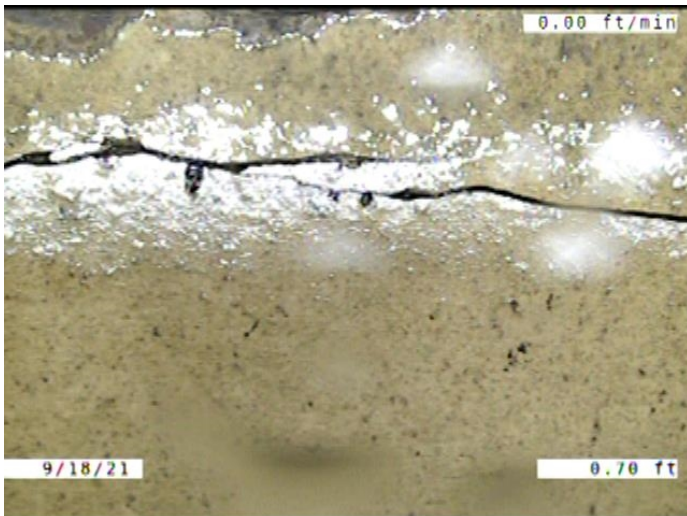
Code: **AMH**
Description: **Manhole**

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-503-061**



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:



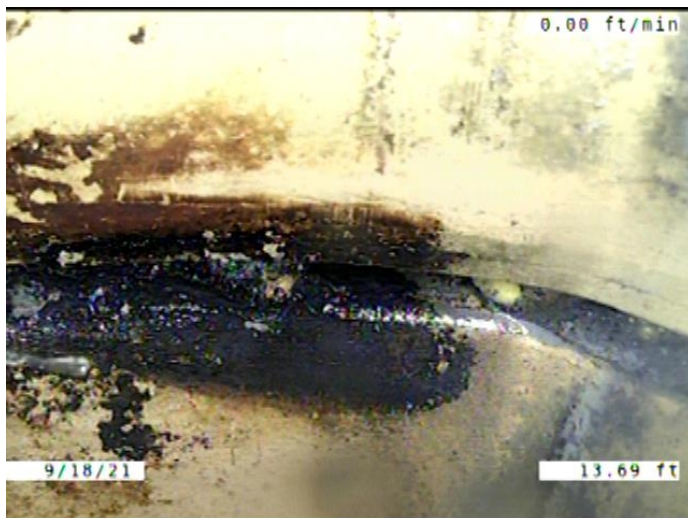
Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **.7**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



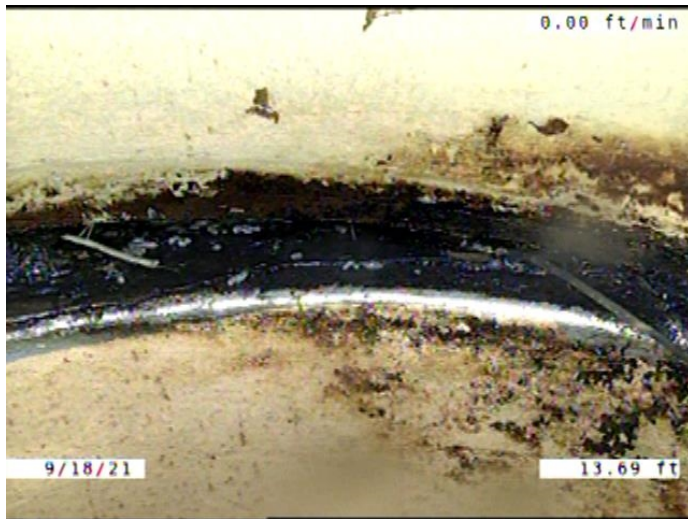
Code: **LR**
 Description: **Line Right**

Distance (ft): **13.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **13.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



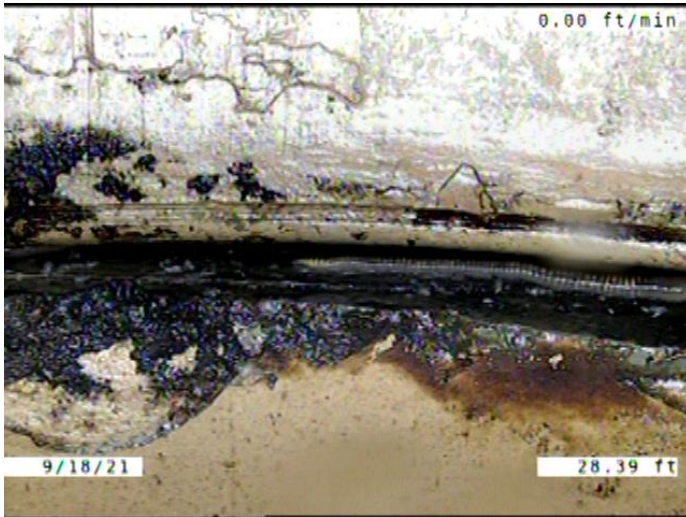
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **13.7**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **16.4**
 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:



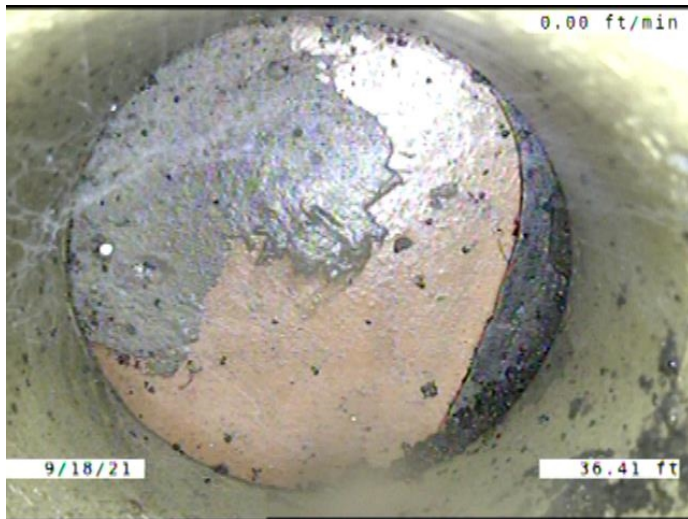
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **28.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **2**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **34.8**
 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: **YES**
 Remarks:



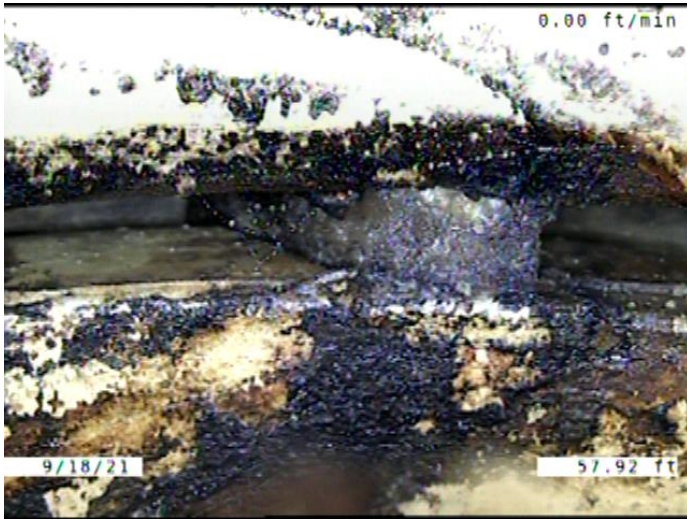
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **36.4**
 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: **YES**
 Remarks:



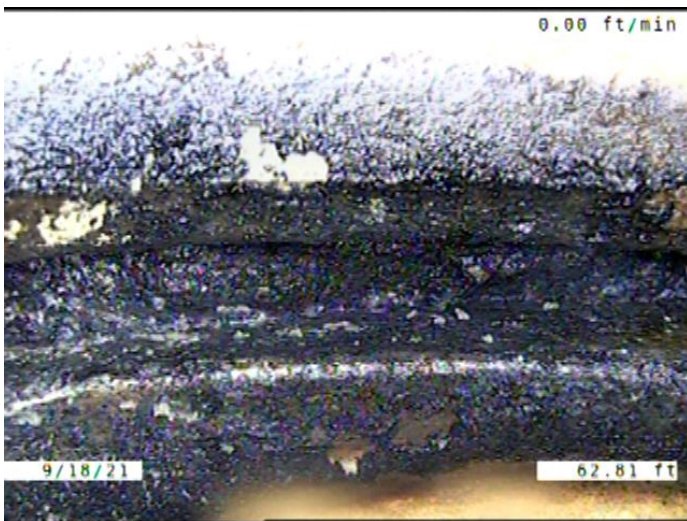
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **46.4**
 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:



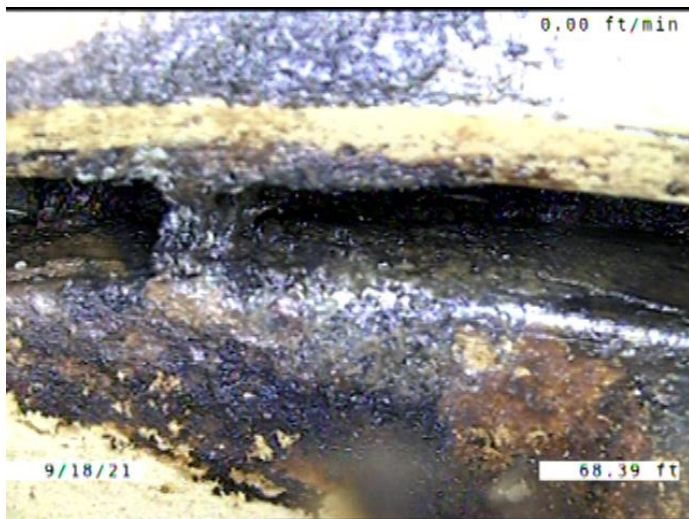
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **57.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



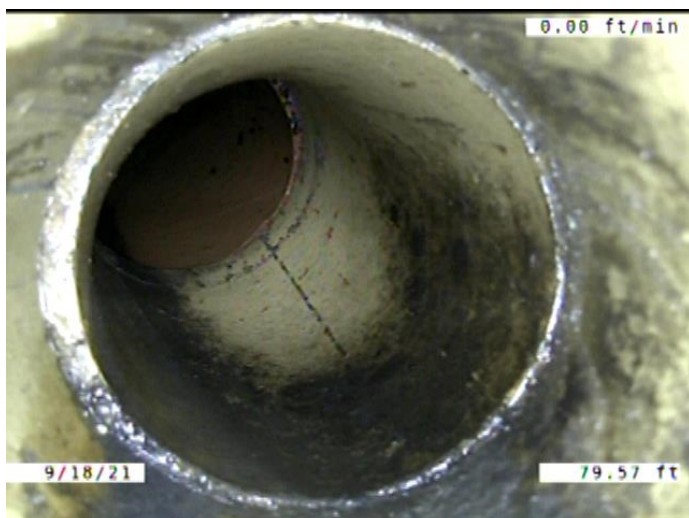
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **62.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



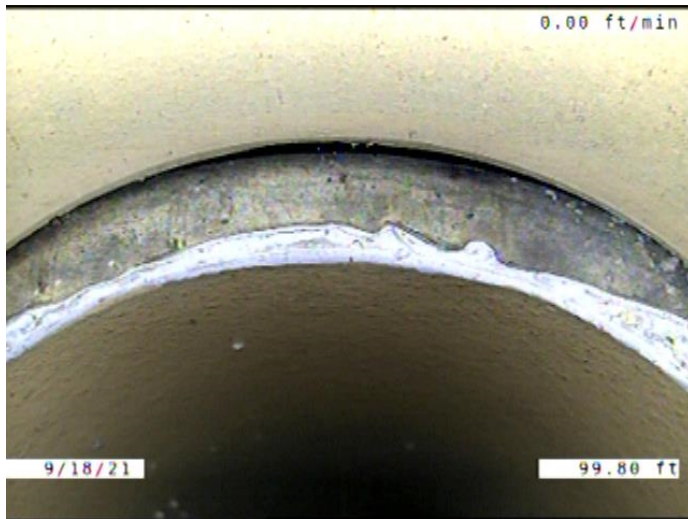
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **68.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **79.6**
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: **YES**
Remarks:



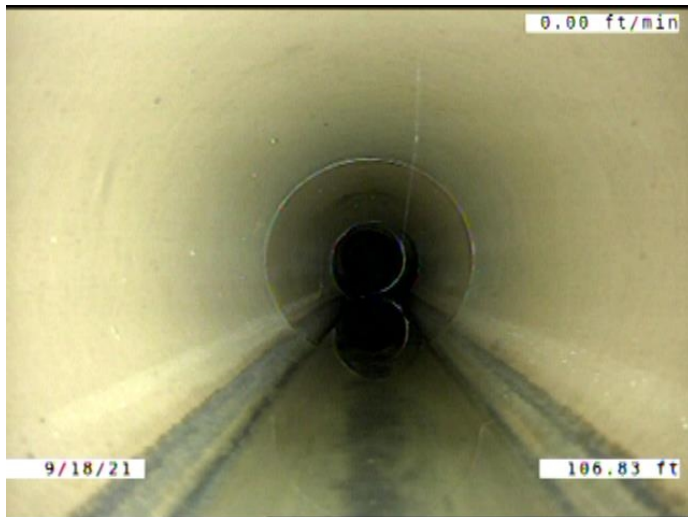
Code: **JOMD**
 Description: **Joint Offset Medium Defective**

Distance (ft): **99.8**
 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: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **105.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **2**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



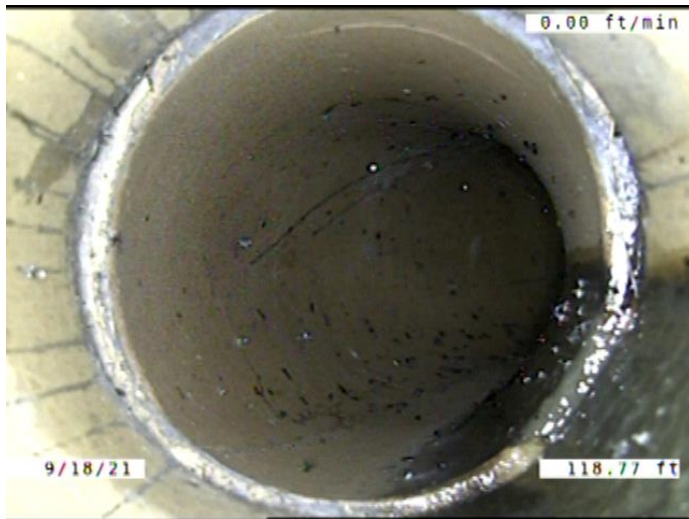
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **106.8**
 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:



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

Distance (ft): **116.6**
 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: **YES**
 Remarks: **ROOTS GROWING OUT OF THE JOINTS. SERVICE LINE BROKEN**



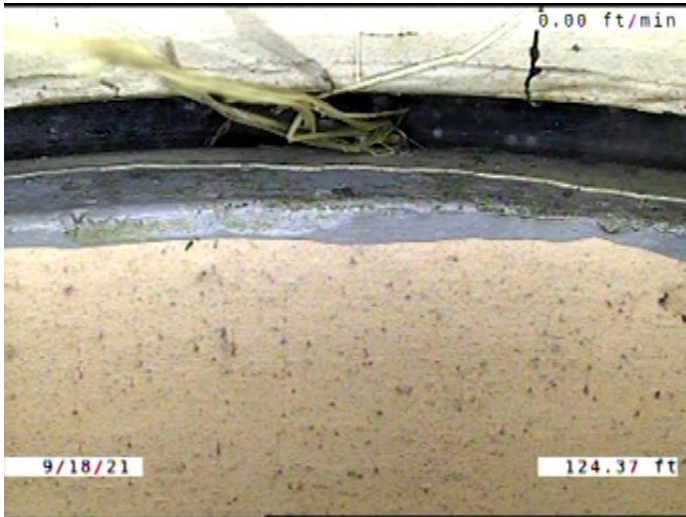
Code: **TF**
Description: **Tap Factory**

Distance (ft): **118.8**
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: **YES**
Remarks:



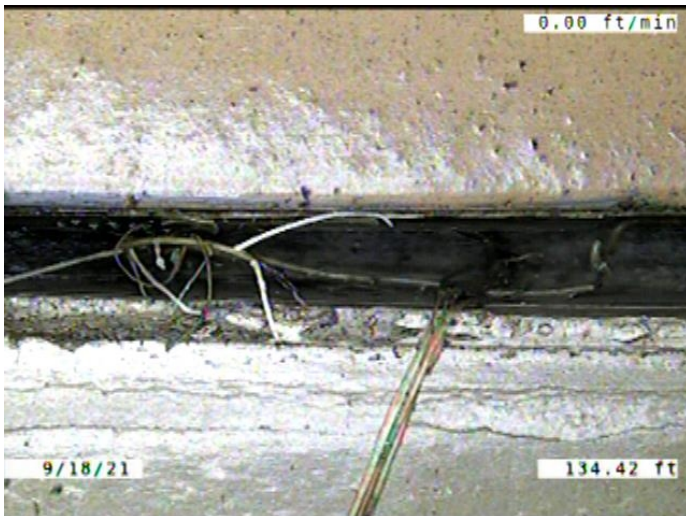
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **118.8**
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:



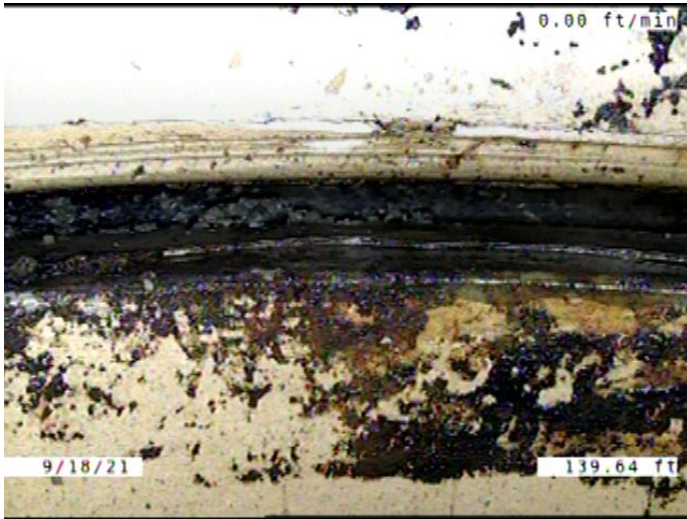
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **124.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **11**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



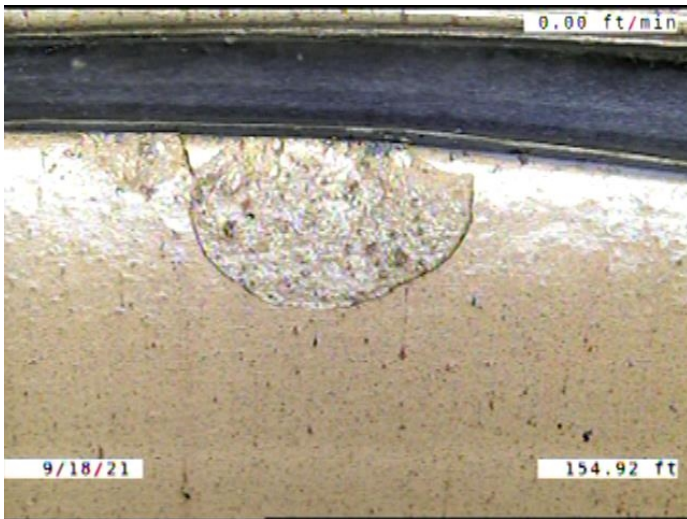
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **134.4**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **3**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



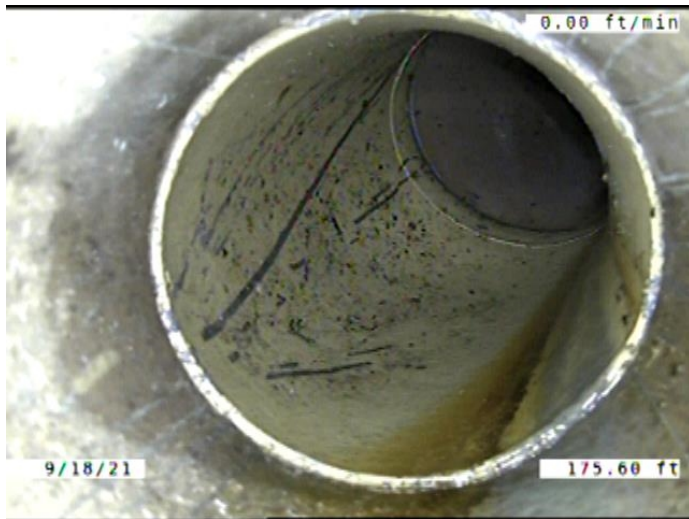
Code: **ISJ**
Description: **Infiltration Stain Joint**

Distance (ft): **139.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



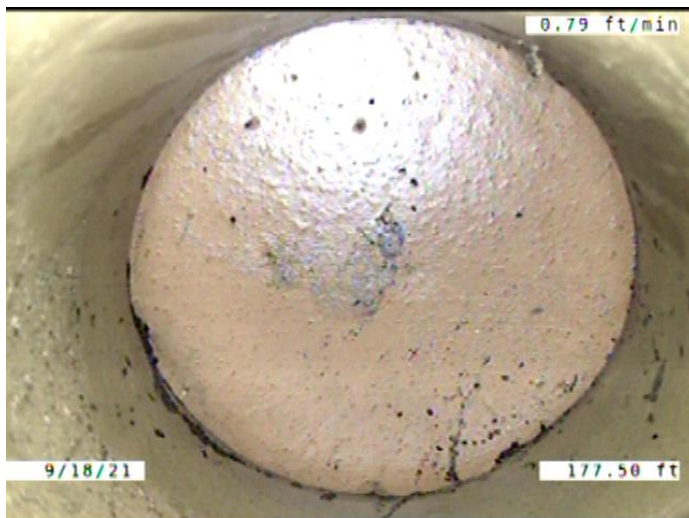
Code: **SSS**
Description: **Surface Damage Surface Spalling**

Distance (ft): **154.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **175.6**
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: **YES**
Remarks: **CONSTANTLY RUNNING WATER**



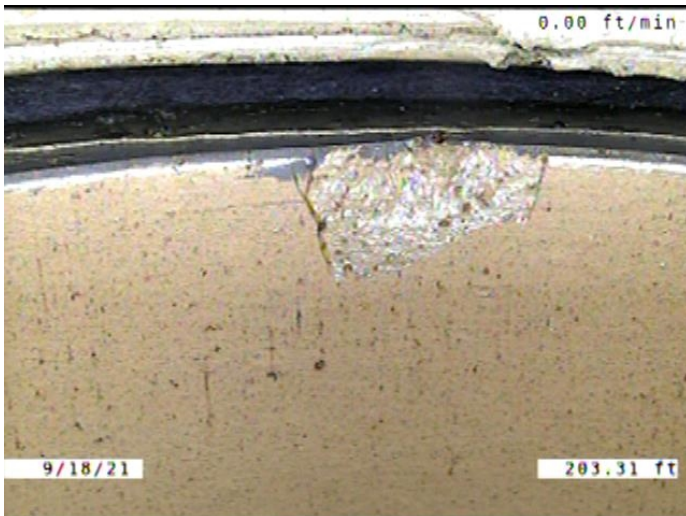
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **177.4**
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: **YES**
Remarks:



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

Distance (ft): **197.6**
 Structural Grade: **2**
 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: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **203.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **207.5**
 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:



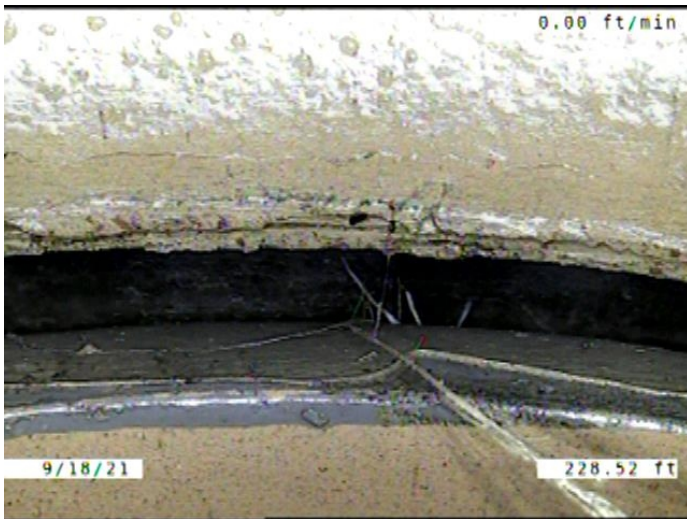
Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **213.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S04**
 Within 8" of Joint: **YES**
 Remarks:



Code: **RMJ**
 Description: **Roots Medium Joint**

Distance (ft): **223.2**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



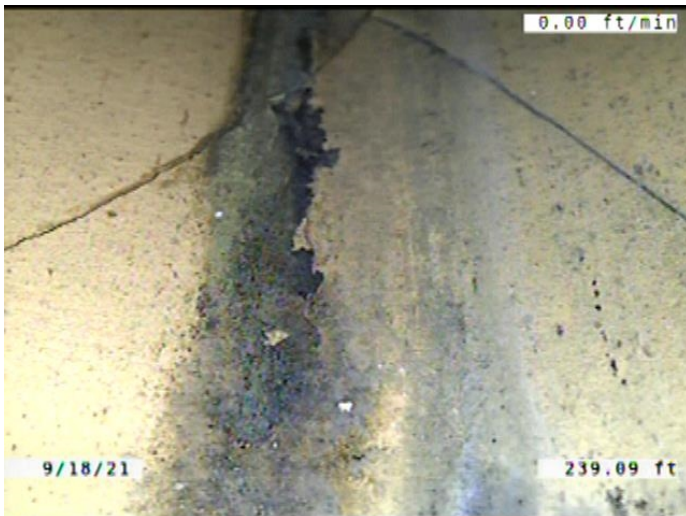
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **228.5**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **235.1**
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:



Code: **FM**
Description: **Fracture Multiple**

Distance (ft): **239.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks:



Code: **FM**
 Description: **Fracture Multiple**

Distance (ft): **243.3**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F05**
 Within 8" of Joint: **YES**
 Remarks:



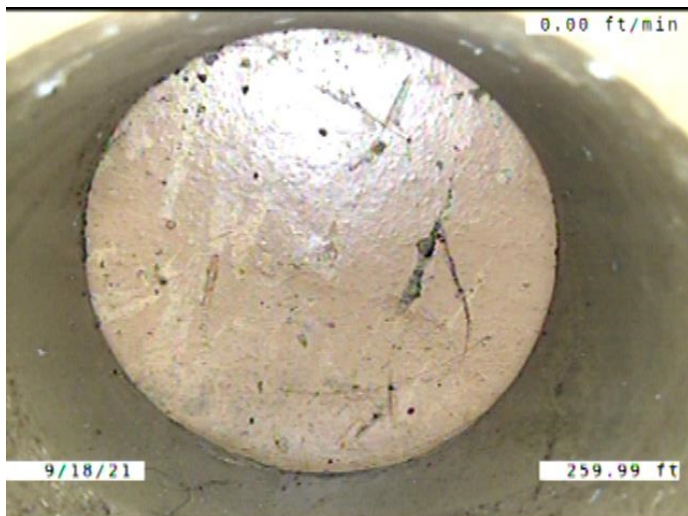
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **243.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S06**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **250.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F06**
 Within 8" of Joint: **NO**
 Remarks:



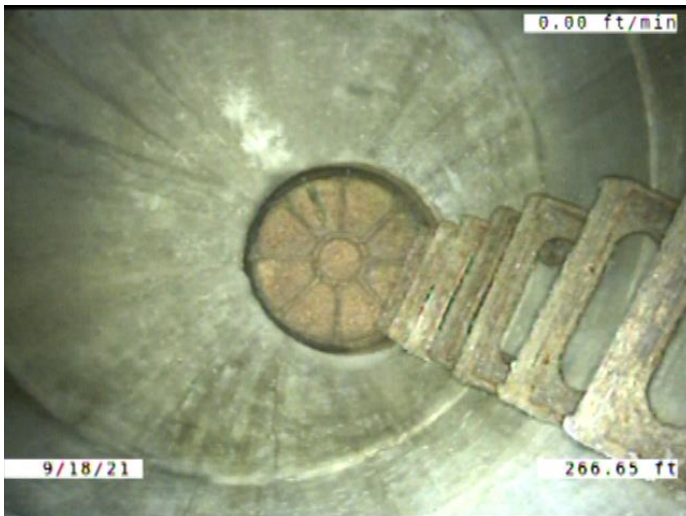
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **260.0**
 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: **YES**
 Remarks:



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

Distance (ft): **265.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F04**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **266.7**
 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: **M-503-062**