

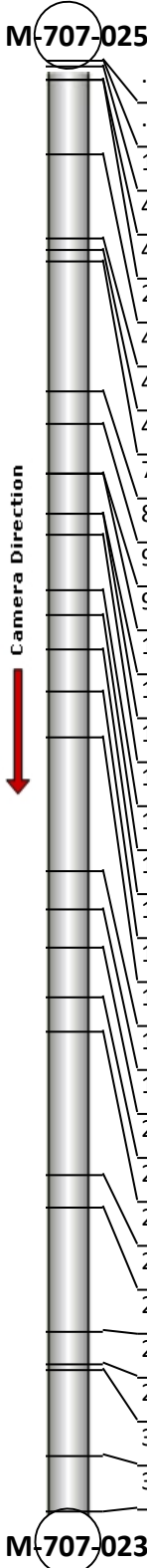
Profile/Photo Observation Report



Date:	02/10/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	327.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-707-025-023
Customer:	City of Hobart	Clean Date:	02/08/2022	Shape:	C

Street:	South Lincoln Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-707-023	DS MH:	M-707-025
		Total Length Surveyed (ft):	326.9

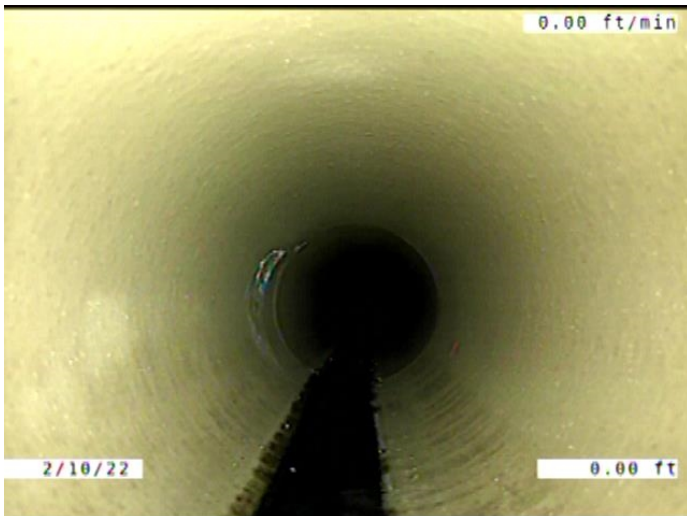
O&M Index:	1.50	O&M Quick:	2212	O&M Rating:	6.00
Structural Index:	2.20	Structural Quick:	5142	Structural Rating:	101.00
Overall Index:	2.14	Overall Quick:	5142	Overall Rating:	107.00

	Position	Code	Observation	Video (sec)	Grade
	M-707-025				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	10	NA
	1.5	MGO	Miscellaneous General Observation	18	NA
	4.2	FS	Fracture Spiral	65	S 3
	4.2	DAE	Deposits Attached Encrustation	80	M 2
	21.2	MWLS(S01)	Miscellaneous Water Level Sag	150	S 2
	40.1	RFJ	Roots Fine Joint	231	M 1
	42.5	MWL	Miscellaneous Water Level	255	NA
	45.1	BSV	Broken Soil Visible	313	S 5
	74.6	B	Broken	522	S 4
	81.7	TF	Tap Factory	581	NA
	93.0	MWLS(F01)	Miscellaneous Water Level Sag	633	S 2
	93.0	MWL	Miscellaneous Water Level	640	NA
	102.2	B	Broken	709	S 4
	102.2	FS	Fracture Spiral	737	S 3
	107.0	FC	Fracture Circumferential	808	S 2
	119.5	MWLS(S02)	Miscellaneous Water Level Sag	869	S 2
	124.7	MWLS(F02)	Miscellaneous Water Level Sag	899	S 2
	132.8	RFJ	Roots Fine Joint	950	M 1
	142.2	MWLS(S03)	Miscellaneous Water Level Sag	1008	S 2
	152.6	DAR	Deposits Attached Ragging	1063	M 2
	182.5	TF	Tap Factory	1172	NA
	191.3	SSS	Surface Damage Surface Spalling	1243	S 2
	199.7	MWLS(F03)	Miscellaneous Water Level Sag	1291	S 2
	211.2	MWLS(S04)	Miscellaneous Water Level Sag	1338	S 2
	218.7	MWLS(F04)	Miscellaneous Water Level Sag	1369	S 2
	251.2	TF	Tap Factory	1475	NA
	258.4	MWLS(S05)	Miscellaneous Water Level Sag	1514	S 2
	286.3	MWLS(F05)	Miscellaneous Water Level Sag	1621	S 2
	293.9	TF	Tap Factory	1663	NA
	294.9	MWLS(S06)	Miscellaneous Water Level Sag	1686	S 2
	314.2	MWLS(F06)	Miscellaneous Water Level Sag	1762	S 2
	326.9	AMH	Manhole	1906	NA
	M-707-023				



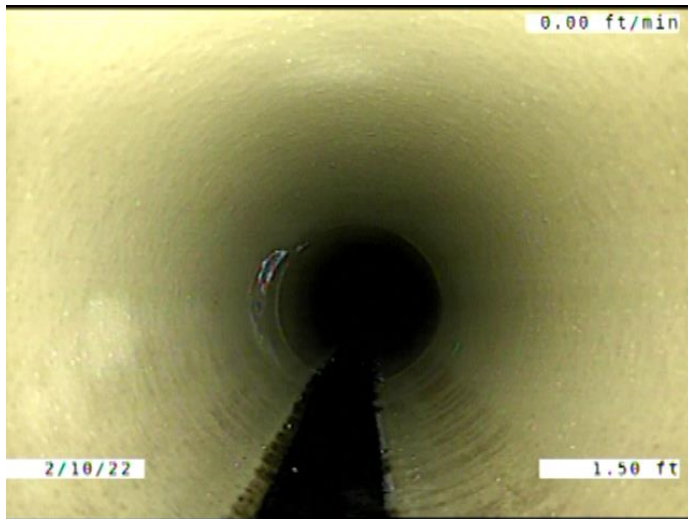
Code: **AMH**
 Description: **Manhole**

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-707-025**

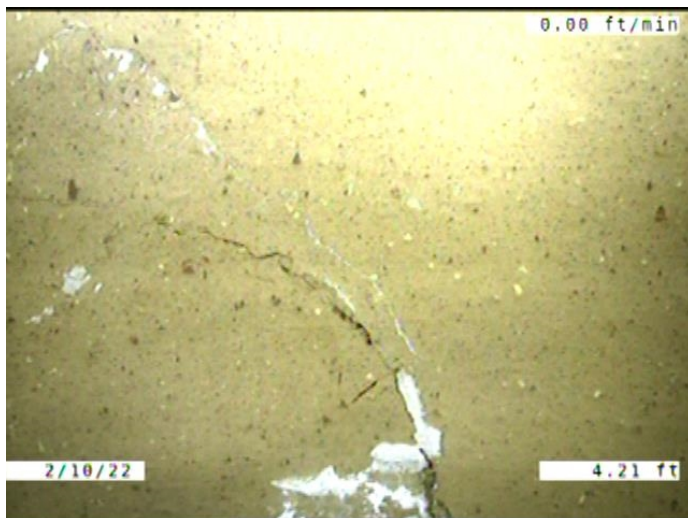


Code: **MWL**
 Description: **Miscellaneous Water Level**

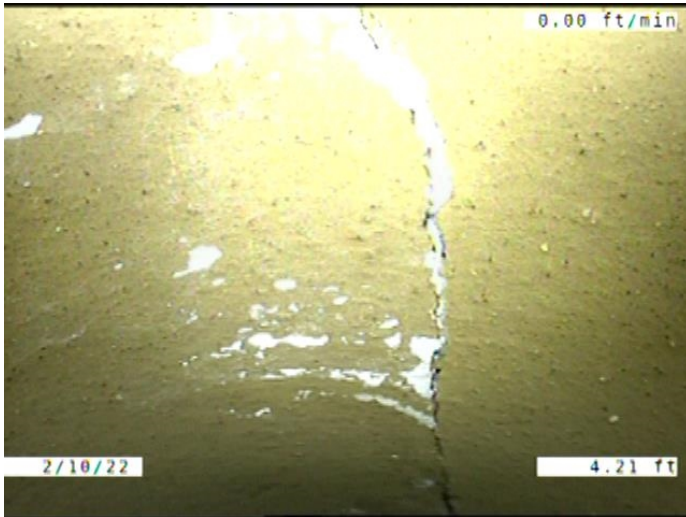
Distance (ft): **.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



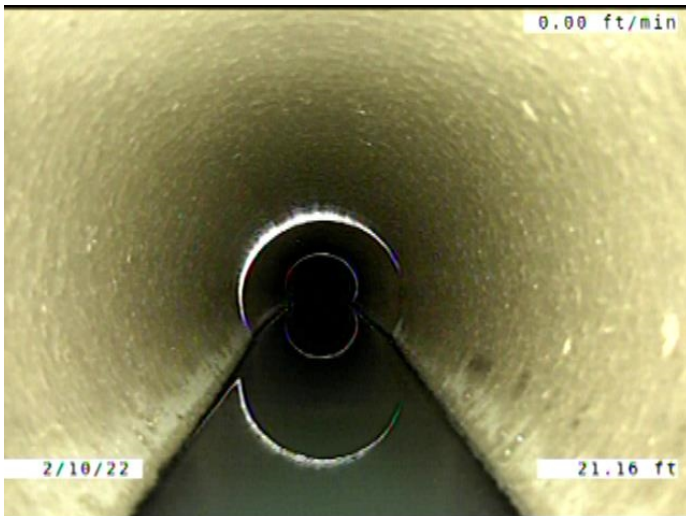
Code:	MGO
Description:	Miscellaneous General Observation
Distance (ft):	1.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	DROP INTO THE MANHOLE. HAD TO START IN THE PIPE.



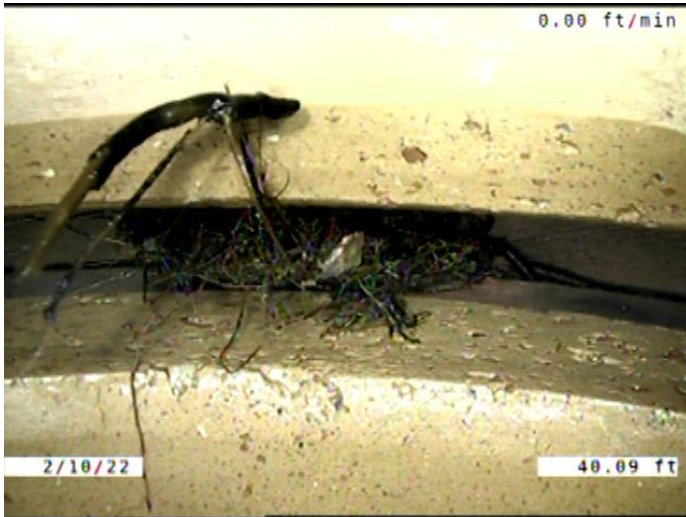
Code:	FS
Description:	Fracture Spiral
Distance (ft):	4.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	10
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	4.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	10
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	21.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	30.000
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	



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

Distance (ft): **40.1**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **10**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



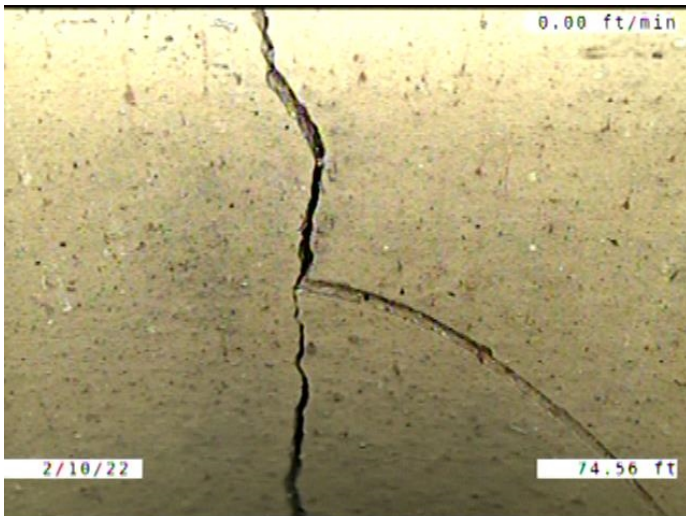
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **42.5**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **35.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



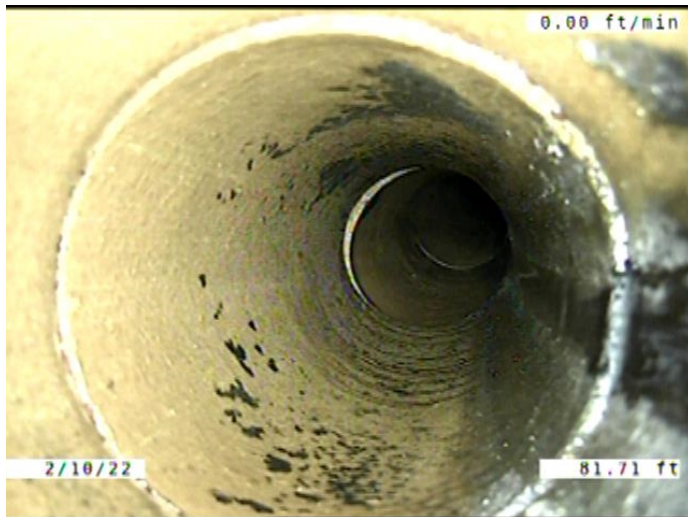
Code: **BSV**
Description: **Broken Soil Visible**

Distance (ft): **45.1**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **B**
Description: **Broken**

Distance (ft): **74.6**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



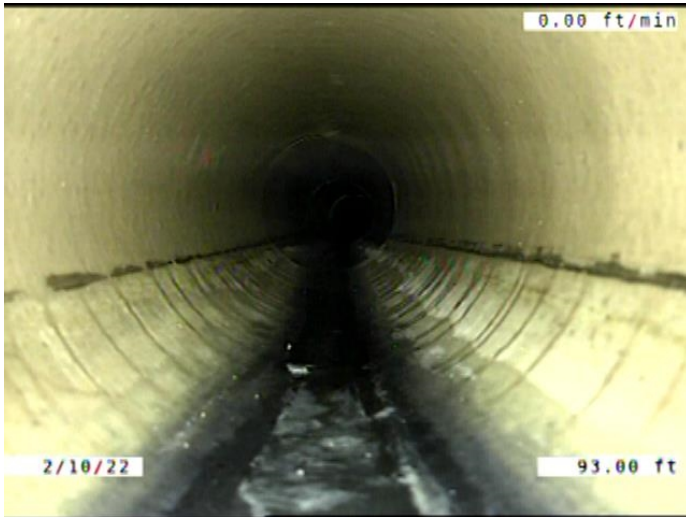
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **81.7**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



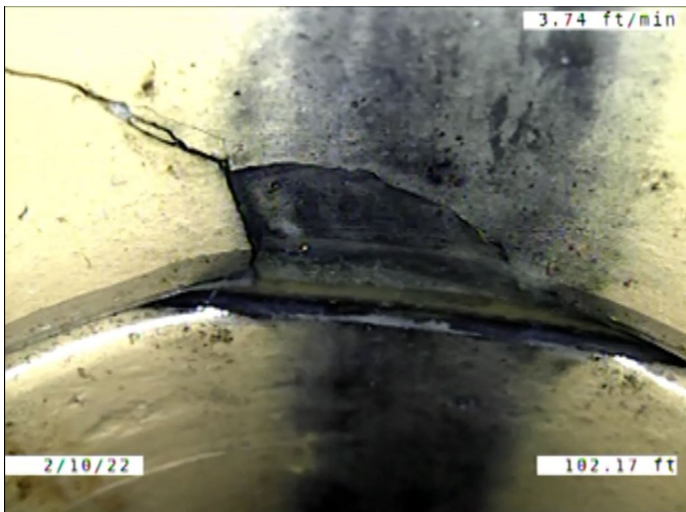
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **93.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **30.000**
 Continuous Index: **F01**
 Within 8" of Joint: **NO**
 Remarks:



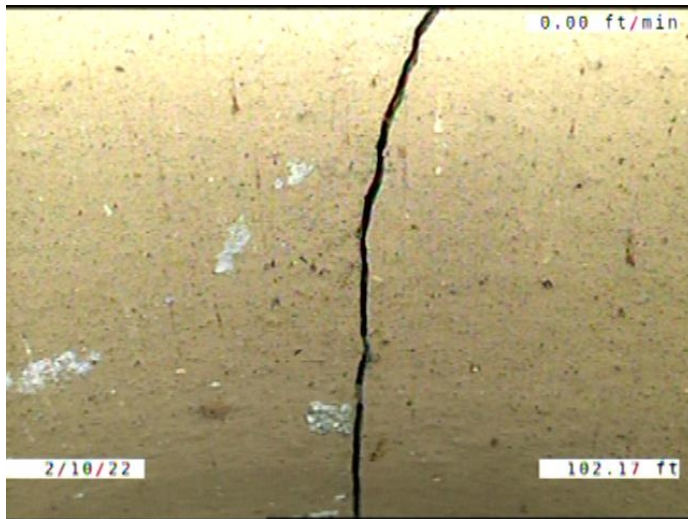
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **93.0**
 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:



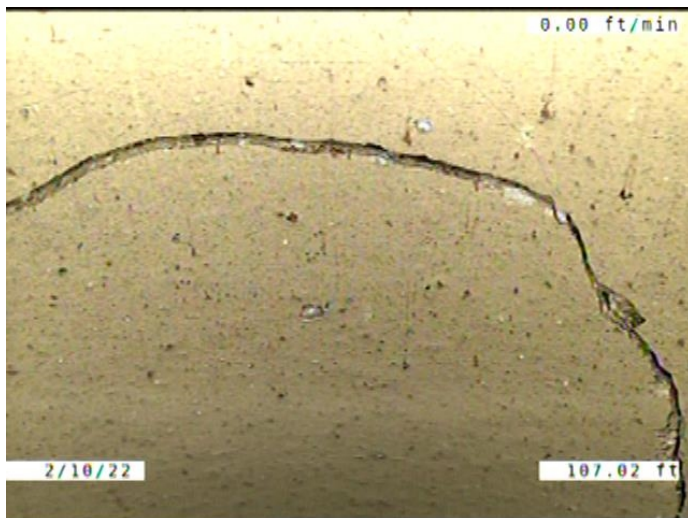
Code: **B**
 Description: **Broken**

Distance (ft): **102.2**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **6**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **FS**
Description: **Fracture Spiral**

Distance (ft): **102.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **FC**
Description: **Fracture Circumferential**

Distance (ft): **107.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



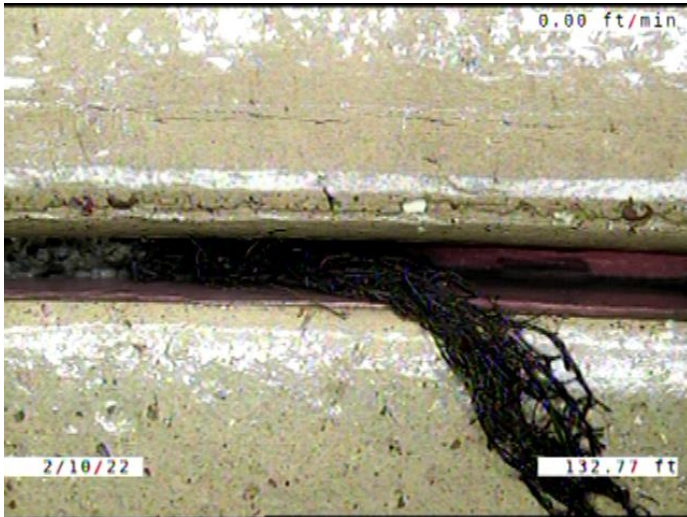
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **119.5**
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: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **124.7**
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:



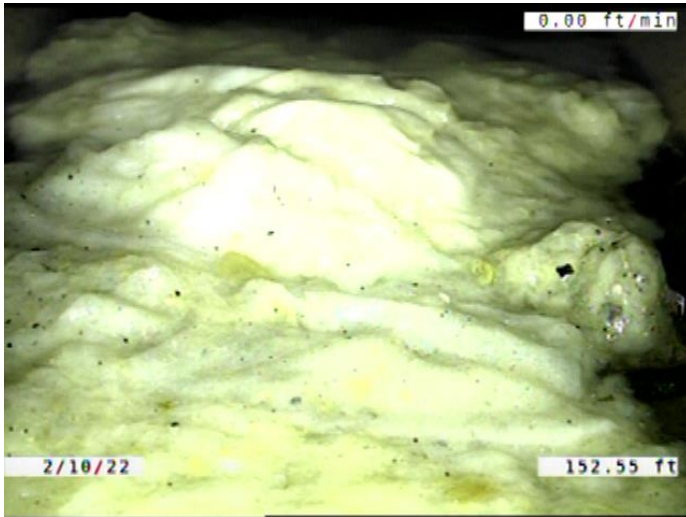
Code: **RFJ**
Description: **Roots Fine Joint**

Distance (ft): **132.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



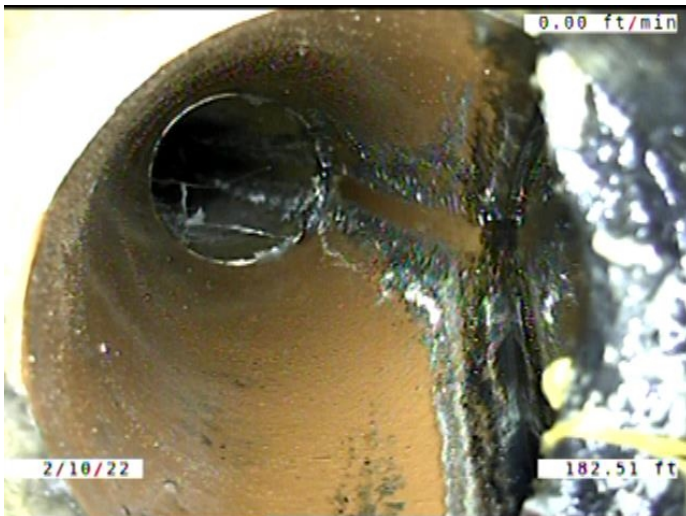
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **142.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



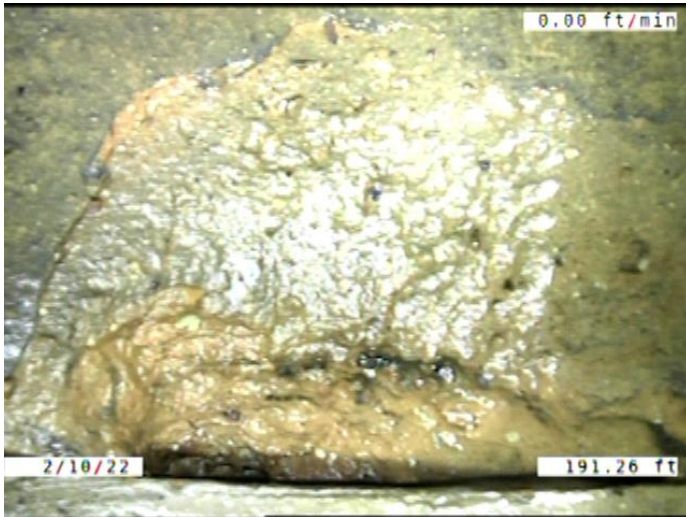
Code: **DAR**
Description: **Deposits Attached Ragging**

Distance (ft): **152.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ALSO TP**



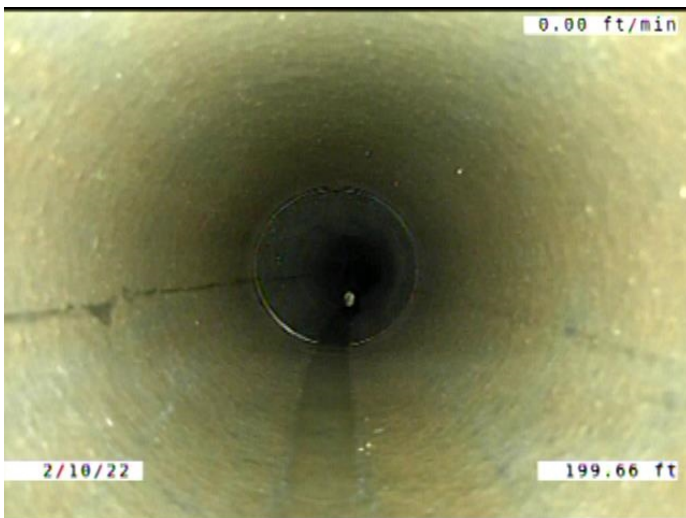
Code: **TF**
Description: **Tap Factory**

Distance (ft): **182.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **191.3**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **6**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



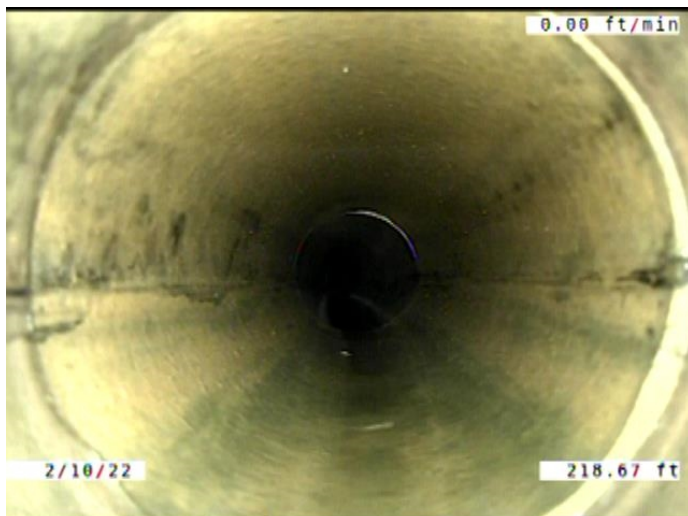
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **199.7**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **F03**
 Within 8" of Joint: **NO**
 Remarks:



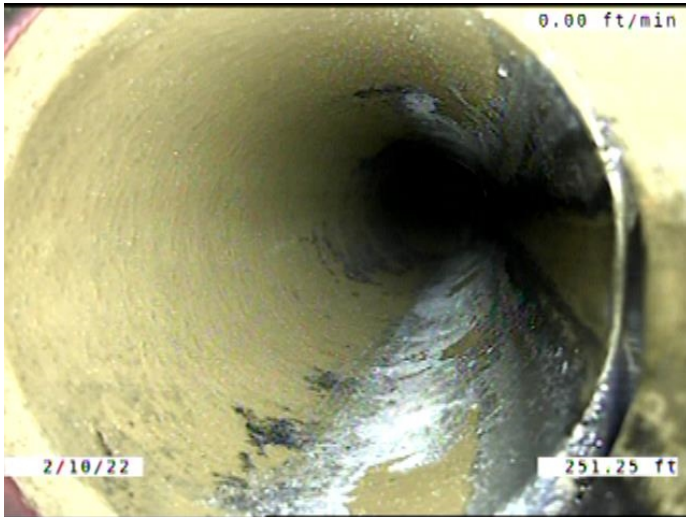
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **211.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **218.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **251.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **6.000**

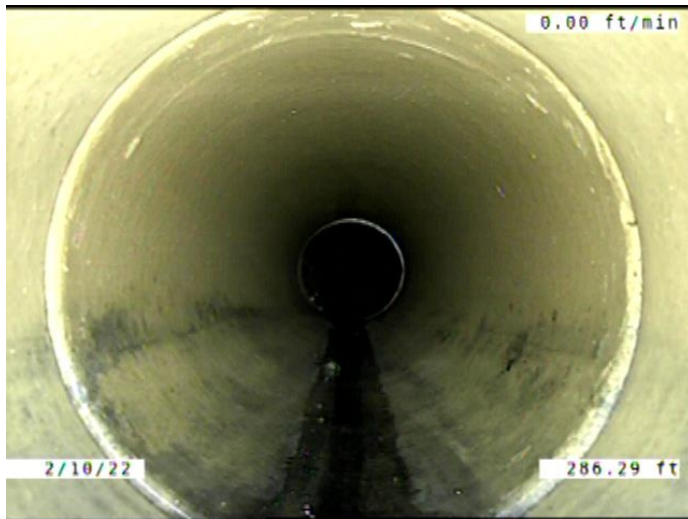
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **ANGLED JOINT ON THE SERVICE TO MAIN CONNECTION. SOIL VISIBLE**



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

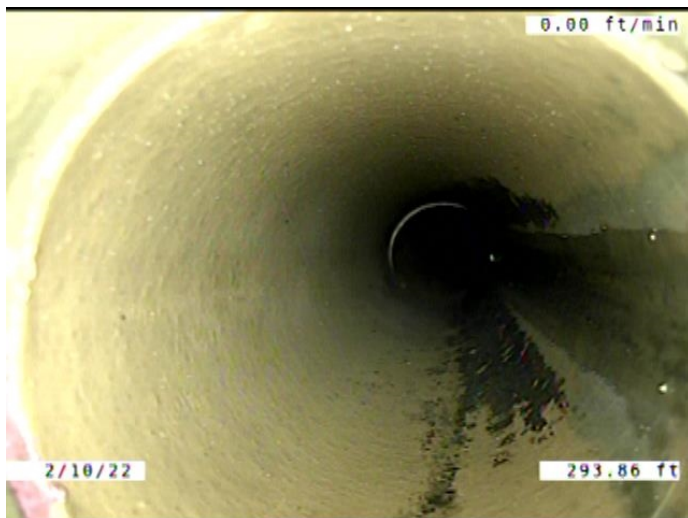
Distance (ft): **258.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**

Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



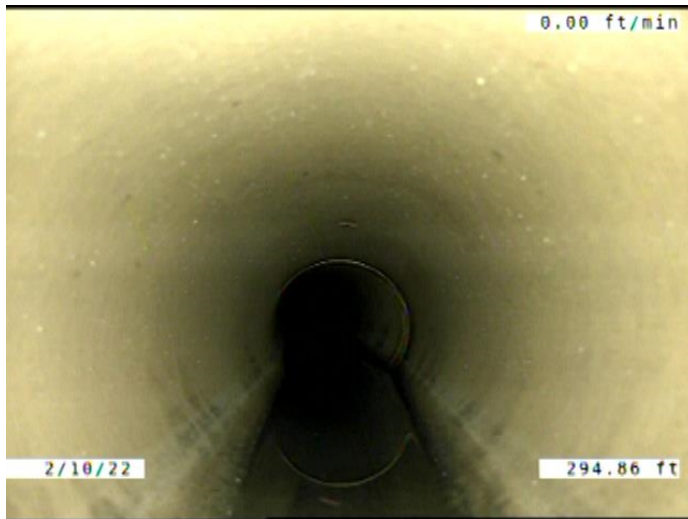
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **286.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



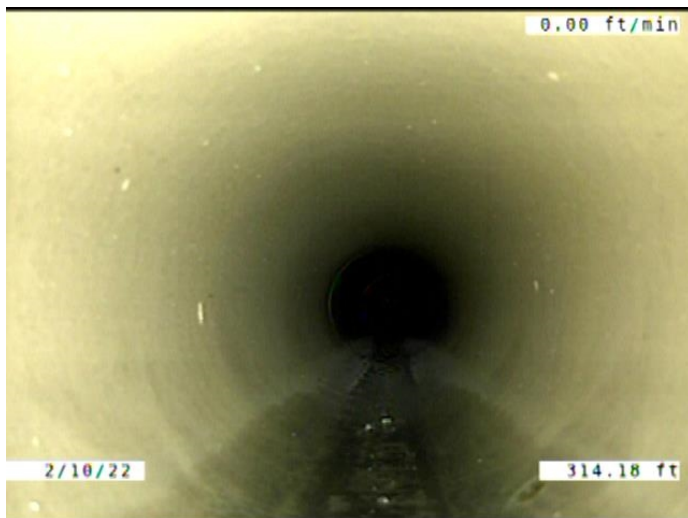
Code: **TF**
Description: **Tap Factory**

Distance (ft): **293.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **294.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **314.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	326.9
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-707-023