

Profile/Photo Observation Report

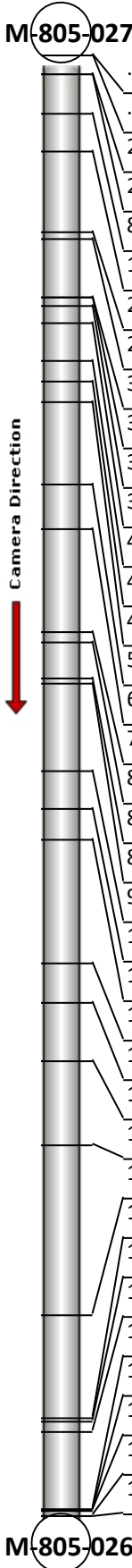


Date:	09/14/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	194.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-805-026-027
Customer:	City of Hobart	Clean Date:	09/01/2022	Shape:	C

Street:	South Ohio Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-805-027	DS MH:	M-805-026
		Total Length Surveyed (ft):	199.8

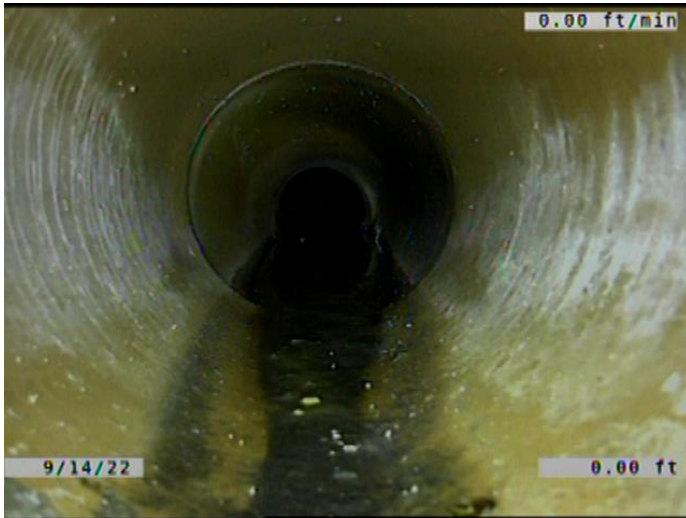
O&M Index:	1.53	O&M Quick:	2G1F	O&M Rating:	115.00
Structural Index:	2.32	Structural Quick:	5141	Structural Rating:	58.00
Overall Index:	1.73	Overall Quick:	5141	Overall Rating:	173.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	73	NA
	2.6	DSF(S01)	Deposits Settled Fine	93	M 2
	2.6	MWLS(S02)	Miscellaneous Water Level Sag	100	S 2
	8.0	TF	Tap Factory	135	NA
	13.1	ISJ	Infiltration Stain Joint	180	M 1
	24.1	MWLS(F02)	Miscellaneous Water Level Sag	231	S 2
	25.1	ISJ	Infiltration Stain Joint	273	M 1
	33.1	ISJ(S04)	Infiltration Stain Joint	339	M 1
	33.1	B	Broken	389	S 4
	34.2	TF	Tap Factory	417	NA
	36.6	MWLS(S03)	Miscellaneous Water Level Sag	445	S 2
	41.9	MWLS(F03)	Miscellaneous Water Level Sag	482	S 2
	44.7	MWLS(S05)	Miscellaneous Water Level Sag	504	S 2
	47.5	JAM	Joint Angular Medium	548	S 3
	58.6	MWLS(F05)	Miscellaneous Water Level Sag	592	S 2
	64.9	MWLS(S06)	Miscellaneous Water Level Sag	627	S 2
	78.8	MWLS(F06)	Miscellaneous Water Level Sag	669	S 2
	80.2	RFJ	Roots Fine Joint	713	M 1
	85.2	TF	Tap Factory	761	NA
	85.9	MWLS(S07)	Miscellaneous Water Level Sag	783	S 2
	98.0	RFJ	Roots Fine Joint	866	M 1
	103.1	TF	Tap Factory	906	NA
	107.3	MWLS(F07)	Miscellaneous Water Level Sag	939	S 2
	124.3	MWLS(S08)	Miscellaneous Water Level Sag	1004	S 2
	129.7	TF	Tap Factory	1040	NA
	137.6	TBI	Tap Break-in Intruding	1136	M 2
	149.2	MWLS(F08)	Miscellaneous Water Level Sag	1194	S 2
	172.4	TS	Tap Saddle	1335	NA
	186.5	JOM	Joint Offset Medium	1391	S 3
	186.9	MMC	Miscellaneous Material Change	1448	NA
	188.2	ISJ(F04)	Infiltration Stain Joint	1470	M 1
	198.8	JOMD	Joint Offset Medium Defective	1554	S 3
	199.1	MMC	Miscellaneous Material Change	1607	NA
	199.1	BSV	Broken Soil Visible	1620	S 5
	199.8	DSF(F01)	Deposits Settled Fine	1657	M 2
	199.8	AMH	Manhole	1712	NA
M-805-026					



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-805-027**



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:



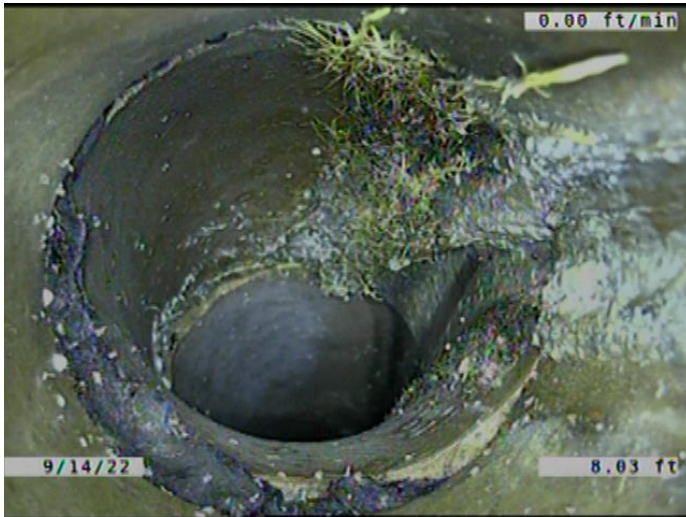
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **2.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



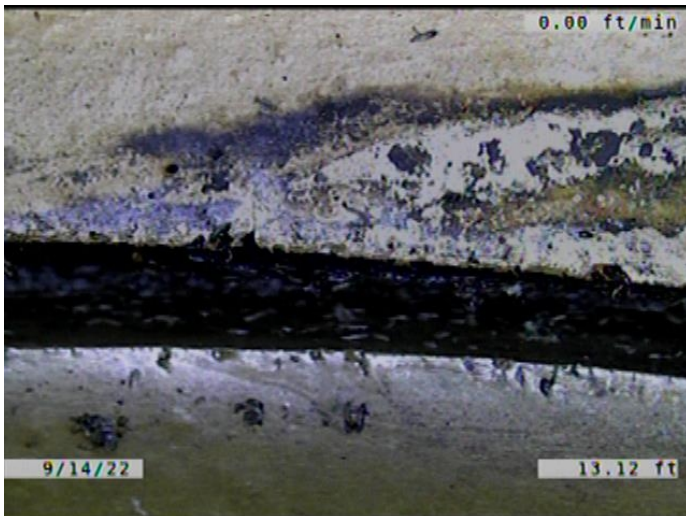
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **2.6**
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:



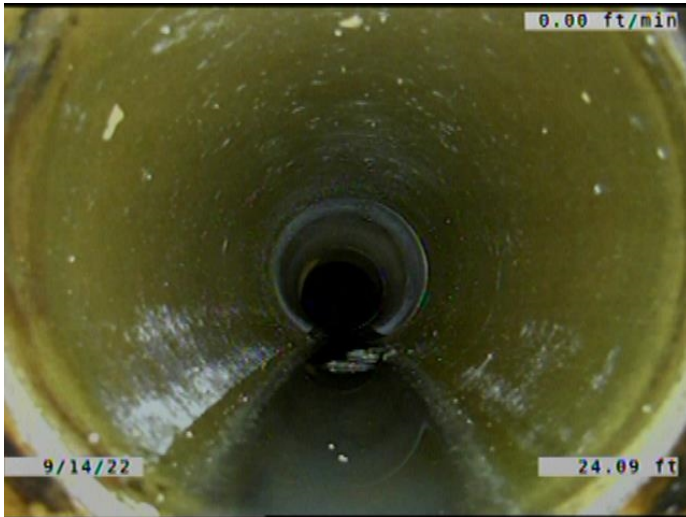
Code: **TF**
Description: **Tap Factory**

Distance (ft): **8.0**
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: **ROOTS GROWING IN THE JOINTS.**



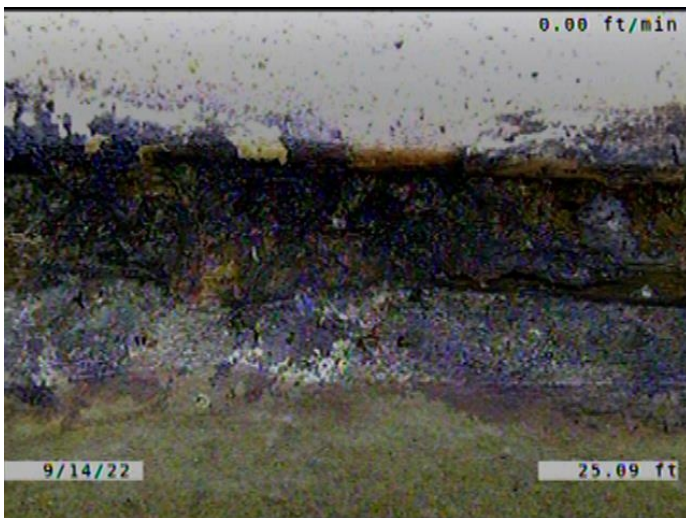
Code: **ISJ**
Description: **Infiltration Stain Joint**

Distance (ft): **13.1**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **1**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



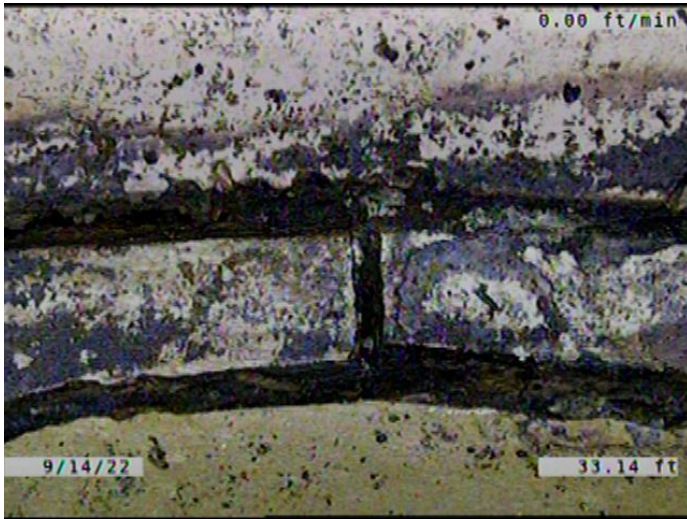
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **24.1**
 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:



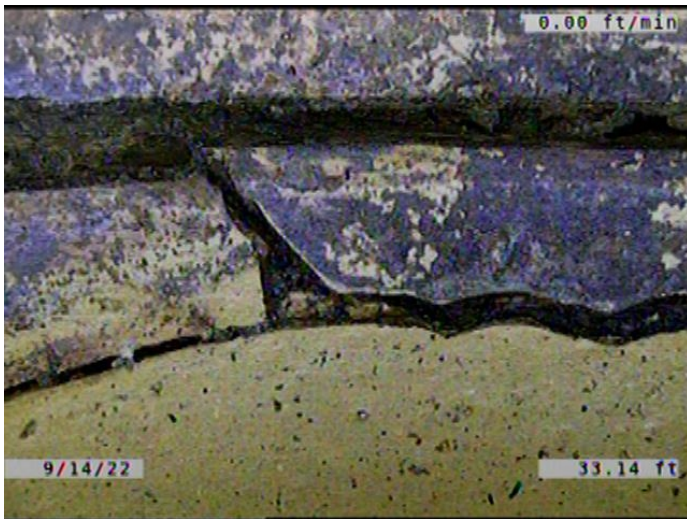
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **25.1**
 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:



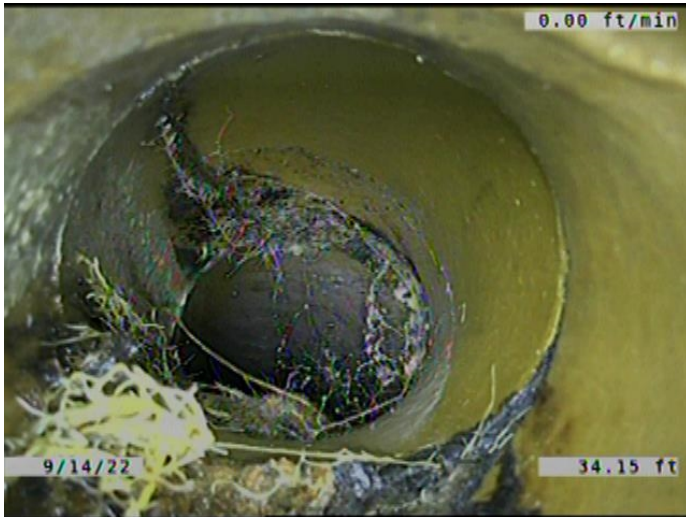
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **33.1**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S04**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **33.1**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



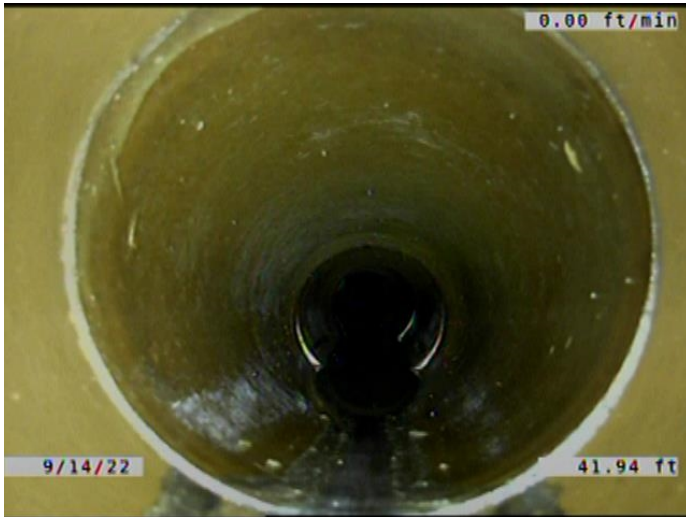
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **34.2**
 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: **ENCrustATION AND ROOTS
 COMING FROM THE JOINT.**



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

Distance (ft): **36.6**
 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:



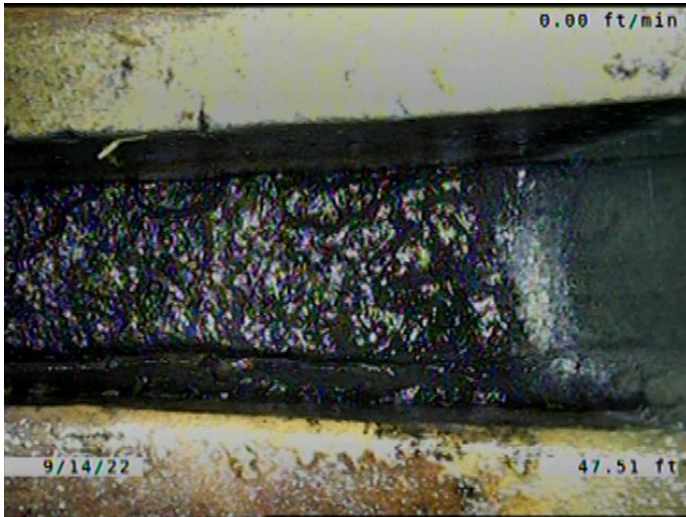
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **41.9**
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:



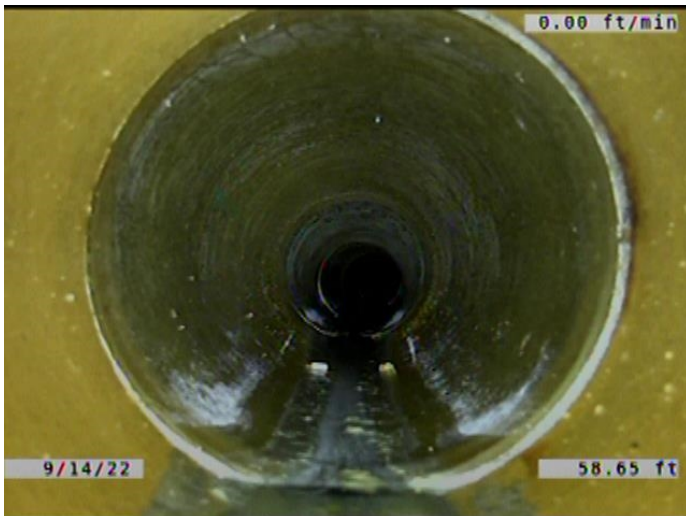
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **44.7**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



Code: **JAM**
 Description: **Joint Angular Medium**

Distance (ft): **47.5**
 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:



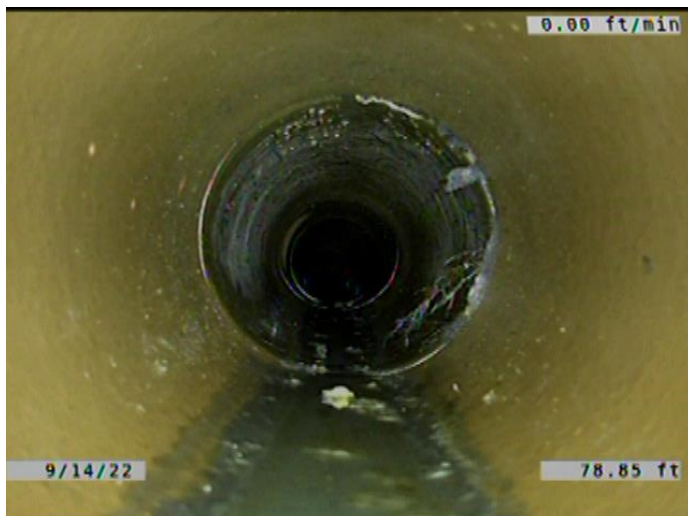
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **58.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F05**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **64.9**
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:



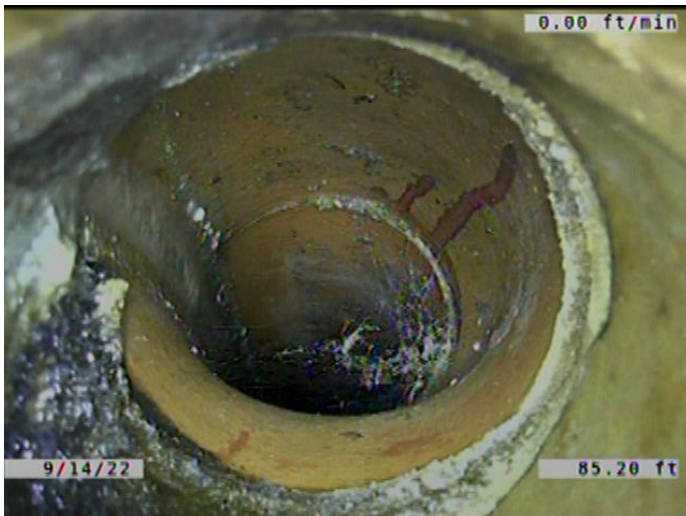
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **78.8**
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:



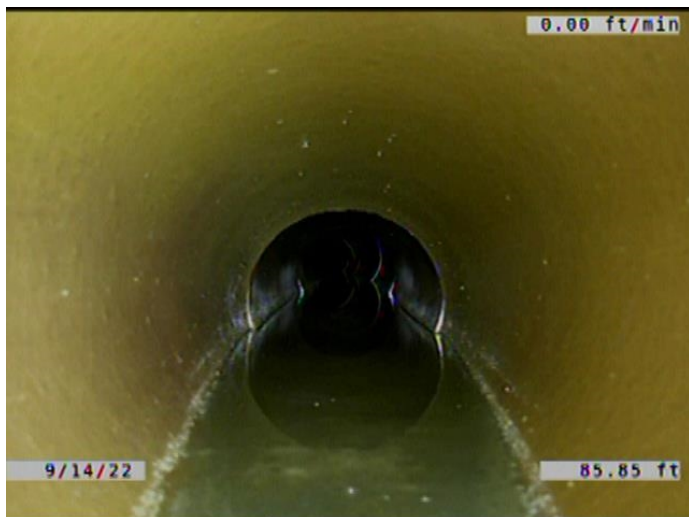
Code: **RFJ**
 Description: **Roots Fine Joint**

Distance (ft): **80.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **11**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



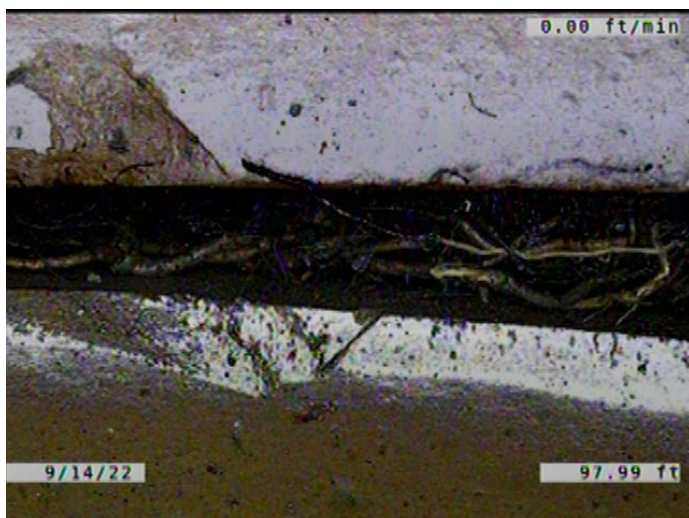
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **85.2**
 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: **ENCrustATION AND ROOTS
 COMING FROM THE JOINT. CONSTA**



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

Distance (ft): **85.9**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index: **S07**
 Within 8" of Joint: **NO**
 Remarks:



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

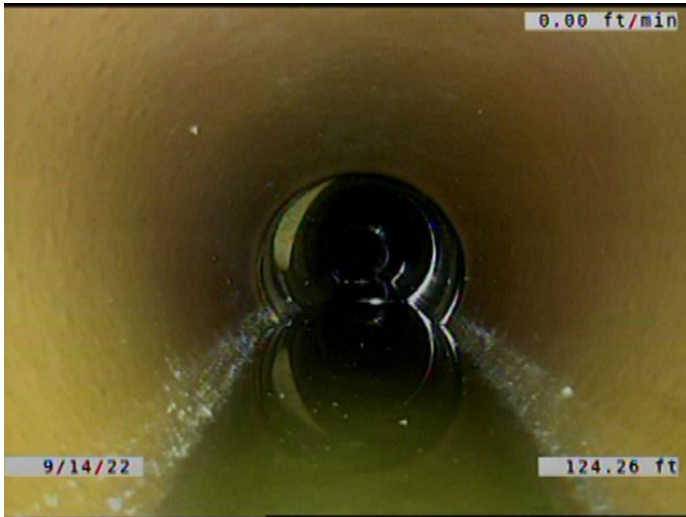
Distance (ft): **98.0**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	TF
Description:	Tap Factory
Distance (ft):	103.1
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:	ENCRUSTATION COMING FROM THE JOINT.

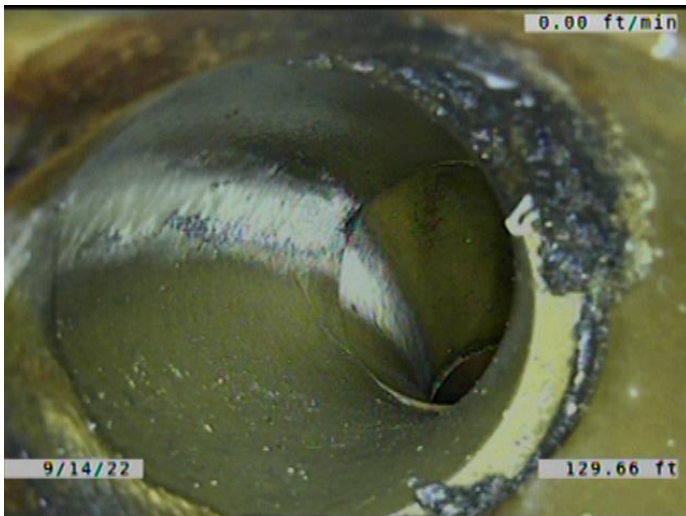


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	107.3
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	F07
Within 8" of Joint:	NO
Remarks:	



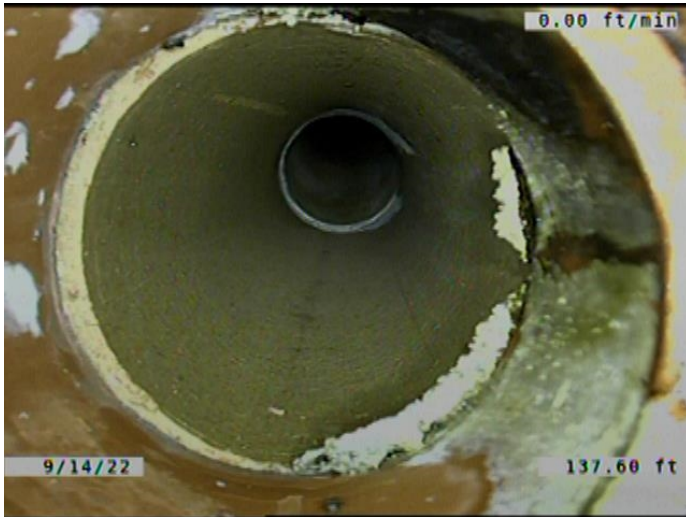
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **124.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S08**
Within 8" of Joint: **NO**
Remarks:

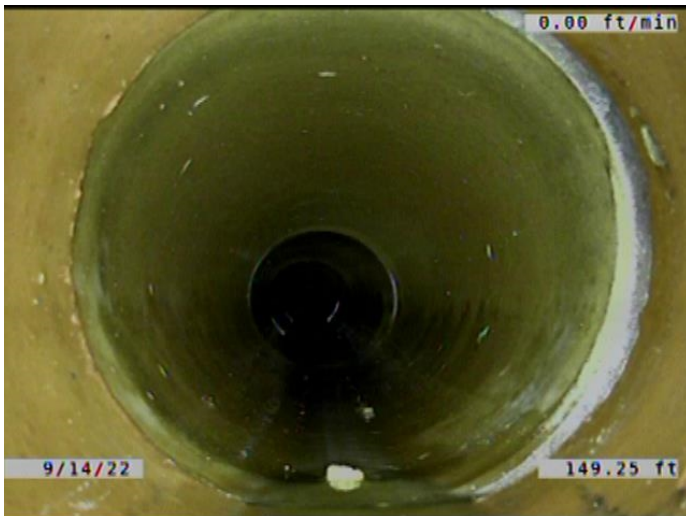


Code: **TF**
Description: **Tap Factory**

Distance (ft): **129.7**
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: **ENCRUSTATION COMING FROM THE JOINT.**



Code:	TBI
Description:	Tap Break-in Intruding
Distance (ft):	137.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To:	
1st Value:	6.000
2nd Value:	1.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ENCRUSTATION COMING FROM THE JOINT AND AROUND THE SERVICE T

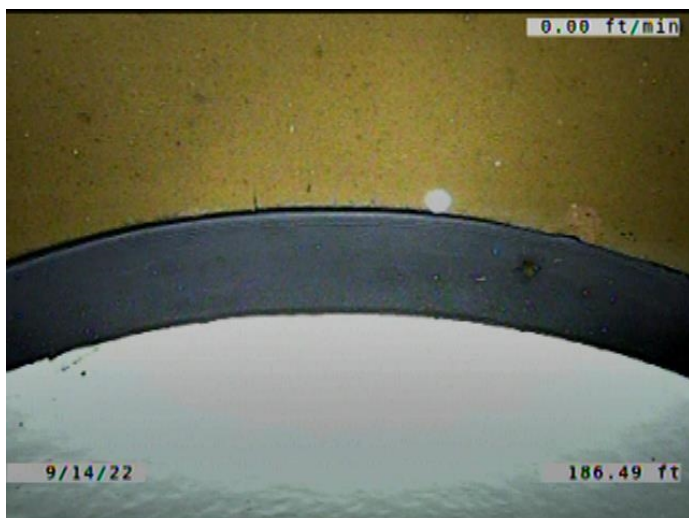


Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	149.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	F08
Within 8" of Joint:	NO
Remarks:	



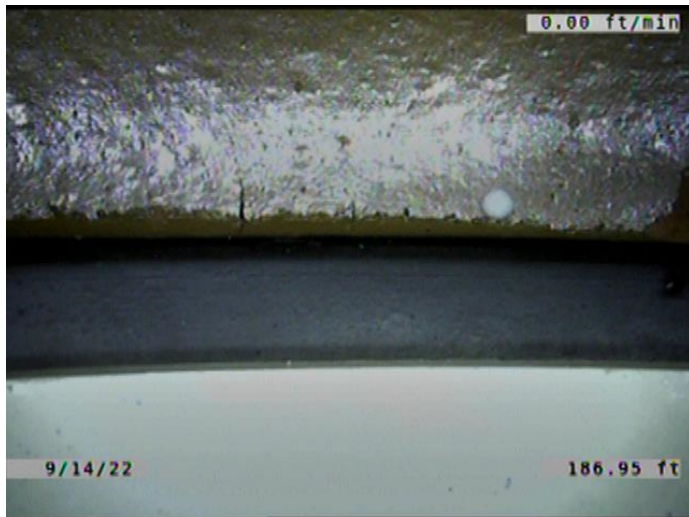
Code: **TS**
 Description: **Tap Saddle**

Distance (ft): **172.4**
 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: **NO**
 Remarks:



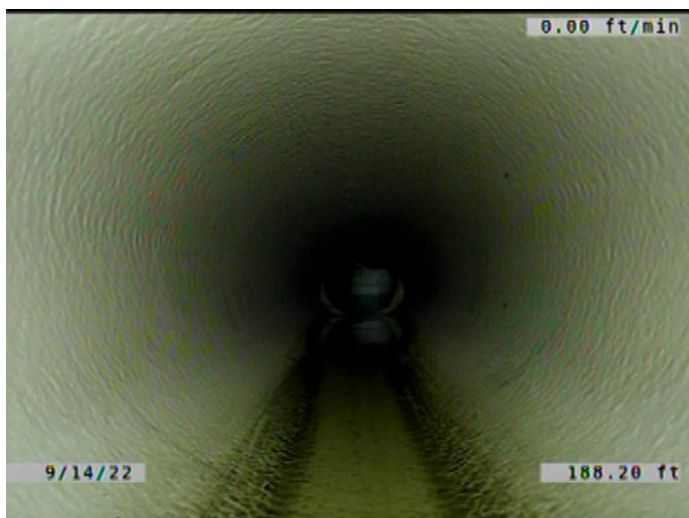
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **186.5**
 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:



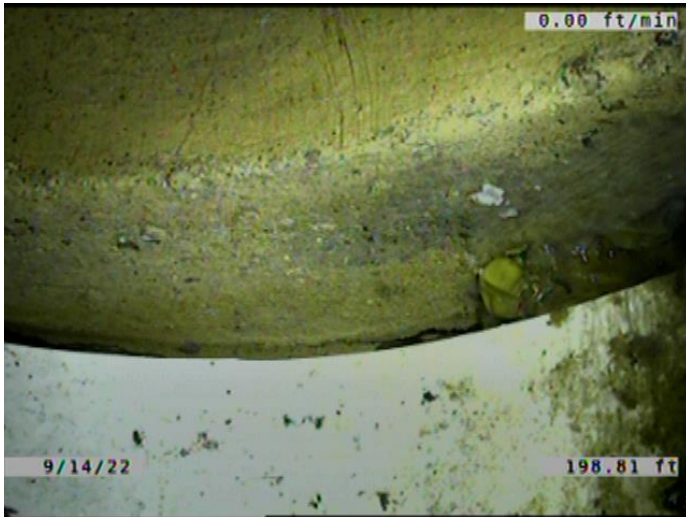
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **186.9**
 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: **VCP TO PVC**



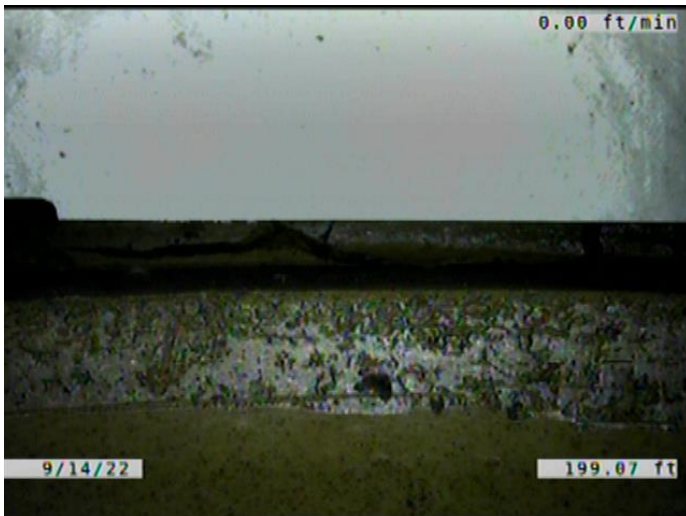
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **188.2**
 Structural Grade: **0**
 O&M Grade: **1**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **F04**
 Within 8" of Joint: **YES**
 Remarks:



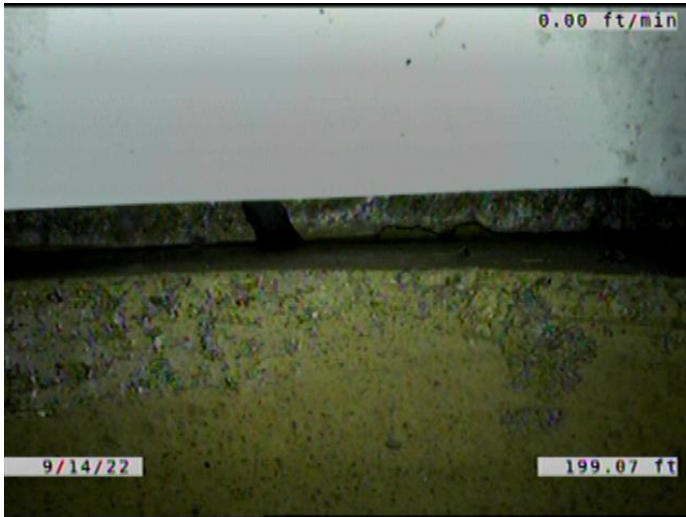
Code: **JOMD**
Description: **Joint Offset Medium Defective**

Distance (ft): **198.8**
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:



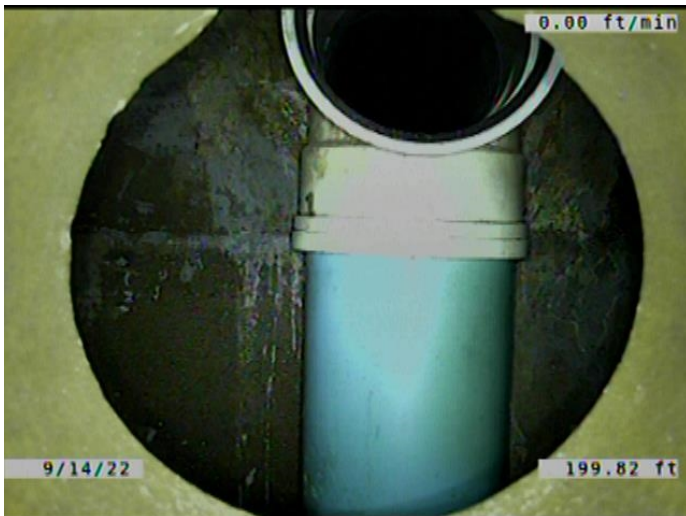
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **199.1**
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: **PVC TO VCP**



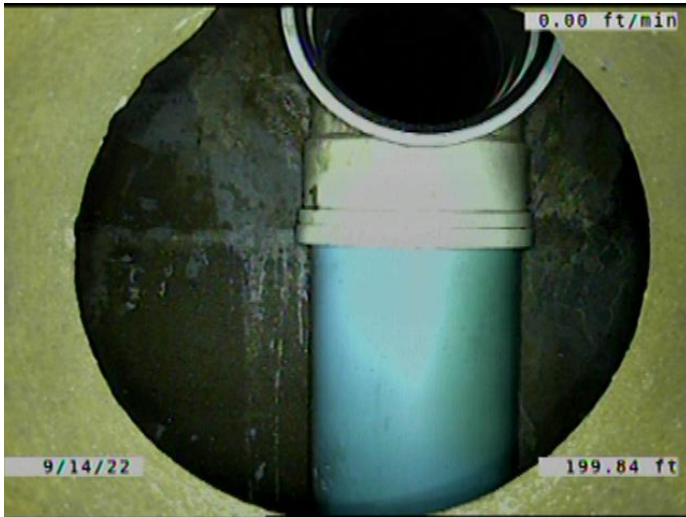
Code: **BSV**
Description: **Broken Soil Visible**

Distance (ft): **199.1**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **199.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	199.8
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:	M-805-026