

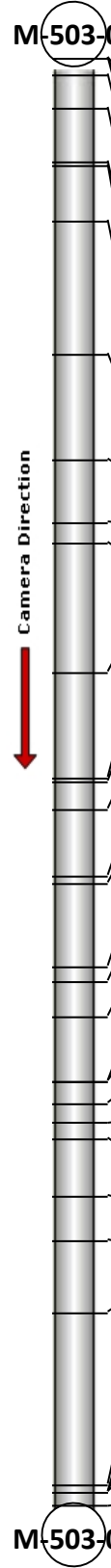
Profile/Photo Observation Report



Date:	10/19/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	111.2	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-503-018-017
Customer:	City of Hobart	Clean Date:	09/05/2021	Shape:	C

Street:	West 39th Avenue	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	12"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-503-017	DS MH:	M-503-018
		Total Length Surveyed (ft):	111.2

O&M Index:	2.33	O&M Quick:	552G	O&M Rating:	105.00
Structural Index:	3.00	Structural Quick:	3800	Structural Rating:	24.00
Overall Index:	2.43	Overall Quick:	5538	Overall Rating:	129.00

	Position	Code	Observation	Video (sec)	Grade
	M-503-018				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	59	NA
	.0	DSF(S01)	Deposits Settled Fine	66	M 2
	2.1	SZ	Surface Damage Other	101	NA
	3.8	JOM	Joint Offset Medium	129	S 3
	7.9	JOM	Joint Offset Medium	167	S 3
	8.2	SZ	Surface Damage Other	186	NA
	13.3	TFC	Tap Factory Capped	227	NA
	22.7	DSGV(S02)	Deposits Settled Gravel	279	M 2
	30.8	MMC	Miscellaneous Material Change	344	NA
	35.7	TF	Tap Factory	394	NA
	37.2	MMC	Miscellaneous Material Change	444	NA
	47.2	JOM	Joint Offset Medium	511	S 3
	55.3	JOM	Joint Offset Medium	565	S 3
	55.6	CM	Crack Multiple	599	S 3
	57.8	SZ	Surface Damage Other	627	NA
	62.9	TFC	Tap Factory Capped	679	NA
	63.4	JOM	Joint Offset Medium	695	S 3
	69.8	JOM	Joint Offset Medium	734	S 3
	71.0	TFC	Tap Factory Capped	757	NA
	73.6	MMC	Miscellaneous Material Change	805	NA
	78.6	TF	Tap Factory	864	NA
	78.6	MWL	Miscellaneous Water Level	881	NA
	80.3	MMC	Miscellaneous Material Change	920	NA
	81.8	JOM	Joint Offset Medium	952	S 3
	83.1	DSGV(S03)	Deposits Settled Gravel	976	M 5
	87.4	MMC	Miscellaneous Material Change	1039	NA
	90.8	TF	Tap Factory	1113	NA
	96.4	MMC	Miscellaneous Material Change	1185	NA
	109.6	TFC	Tap Factory Capped	1303	NA
	110.2	DSF(F01)	Deposits Settled Fine	1321	M 2
	110.2	DSGV(F02)	Deposits Settled Gravel	1330	M 2
	110.2	DSGV(F03)	Deposits Settled Gravel	1343	M 5
	111.2	AMH	Manhole	1462	NA
	M-503-017				



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-503-018**



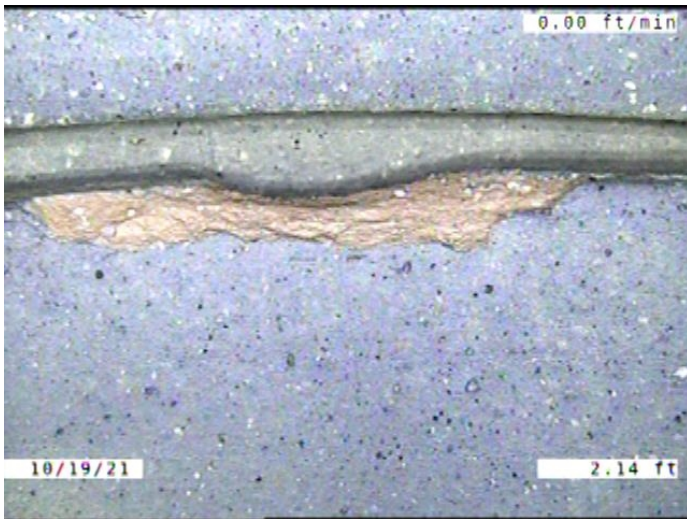
Code: **MWL**
Description: **Miscellaneous Water Level**

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



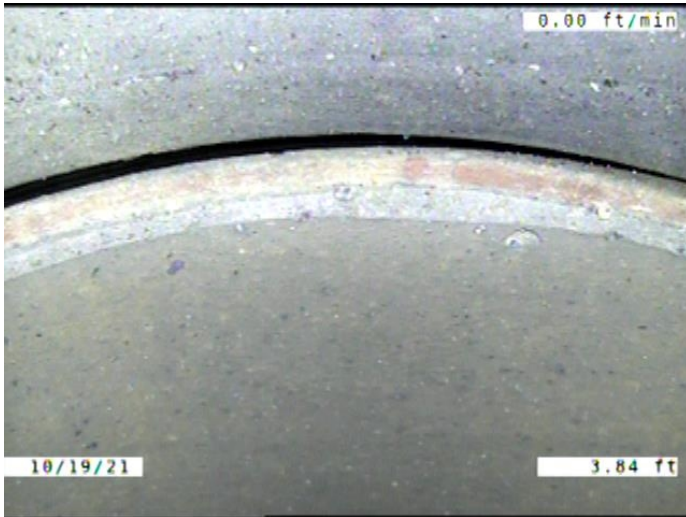
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **.0**
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:



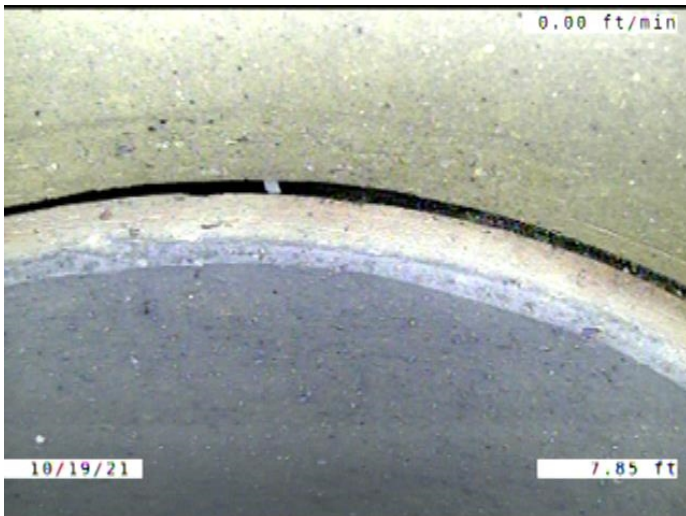
Code: **SZ**
Description: **Surface Damage Other**

Distance (ft): **2.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



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

Distance (ft): **3.8**
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:

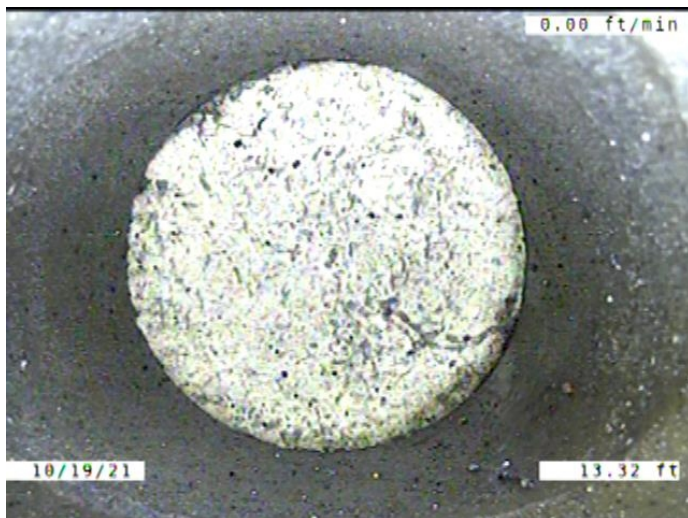


Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **7.9**
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:	SZ
Description:	Surface Damage Other
Distance (ft):	8.2
Structural Grade:	0
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:	A PIECE CHIPPED AWAY FROM THE JOINT

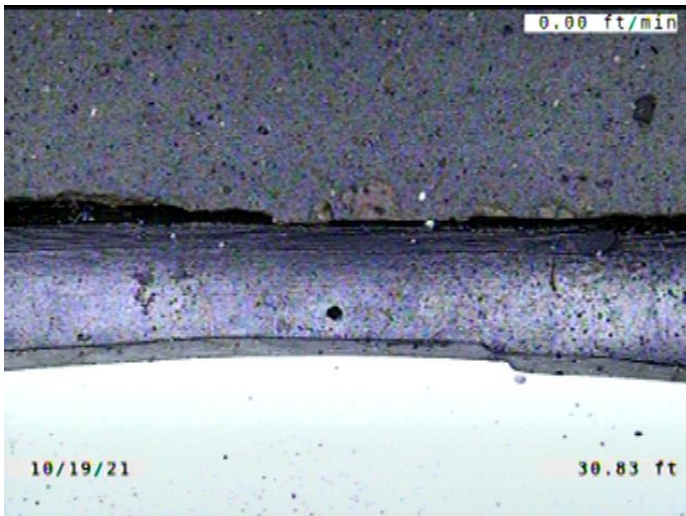


Code:	TFC
Description:	Tap Factory Capped
Distance (ft):	13.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



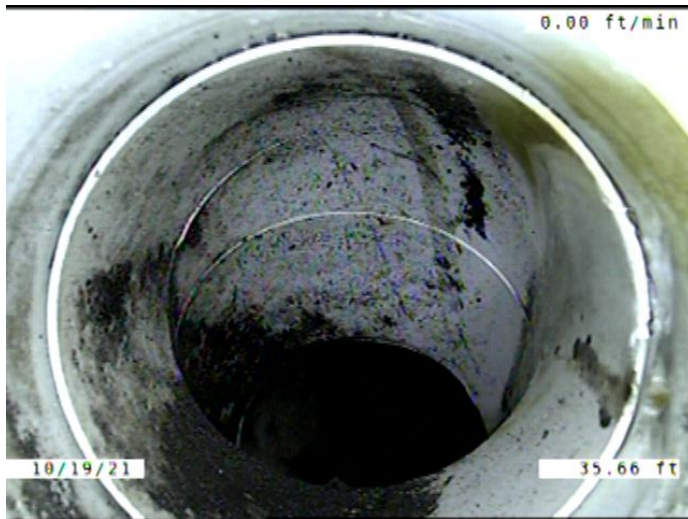
Code: **DSGV**
Description: **Deposits Settled Gravel**

Distance (ft): **22.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:



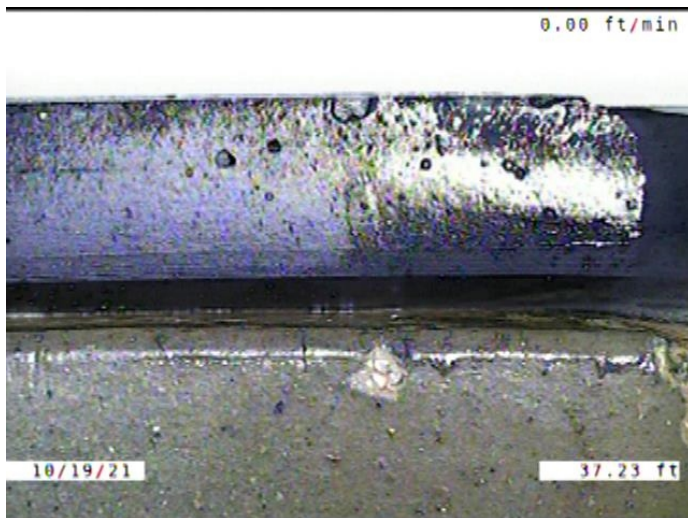
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **30.8**
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: **VCP TO PVC**



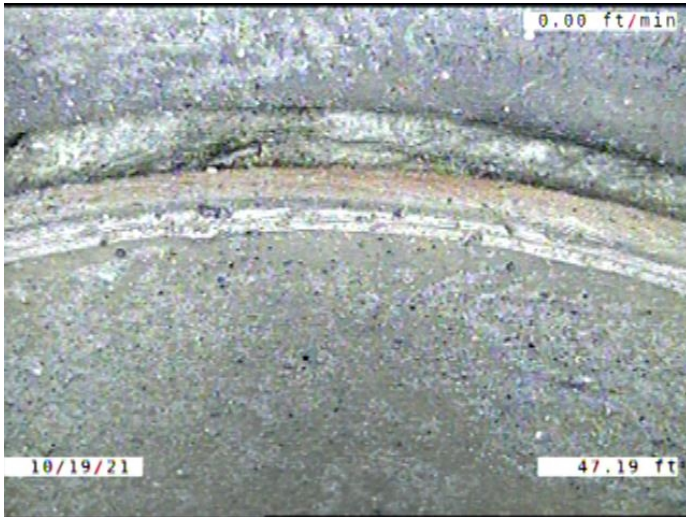
Code: **TF**
Description: **Tap Factory**

Distance (ft): **35.7**
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: **CONSTANTLY RUNNING WATER**



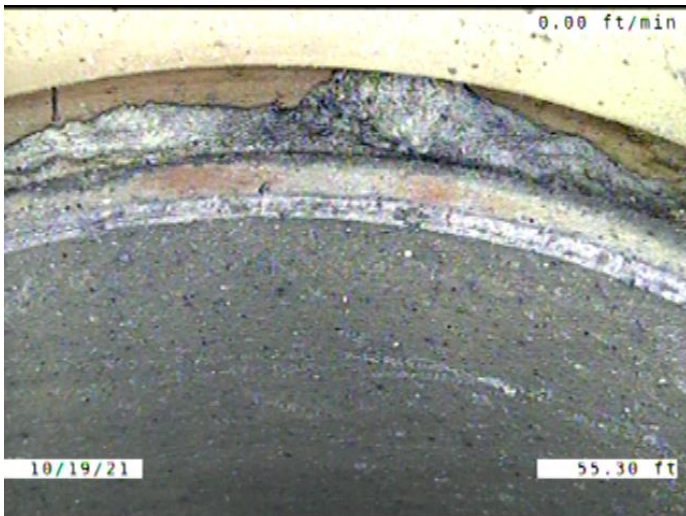
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **37.2**
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**



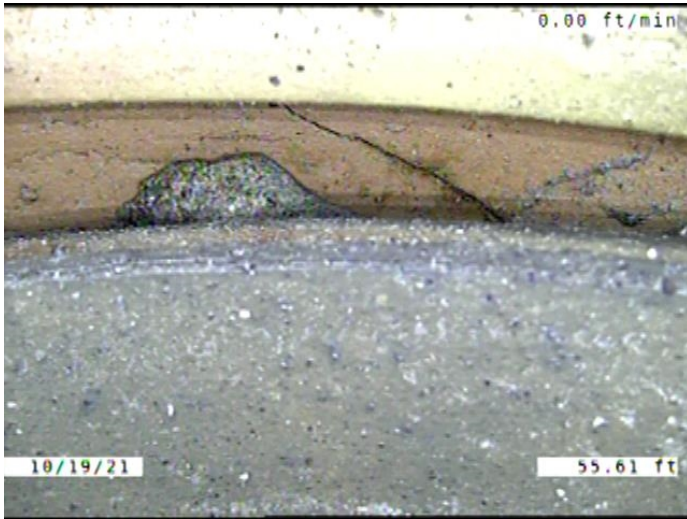
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **47.2**
 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:



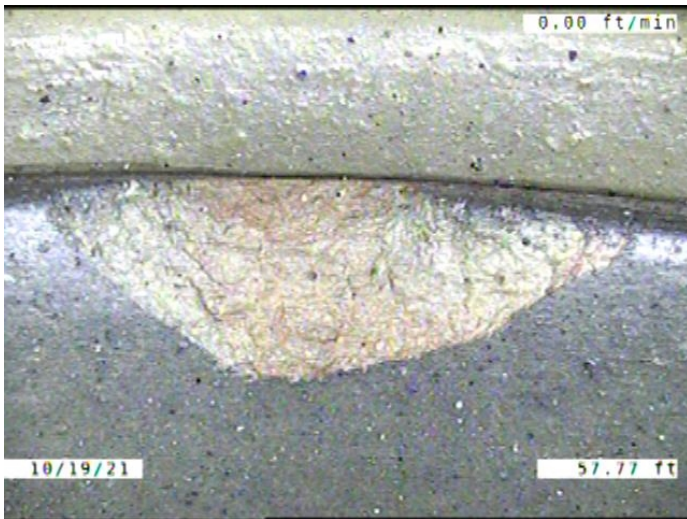
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **55.3**
 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: **CM**
 Description: **Crack Multiple**

Distance (ft): **55.6**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



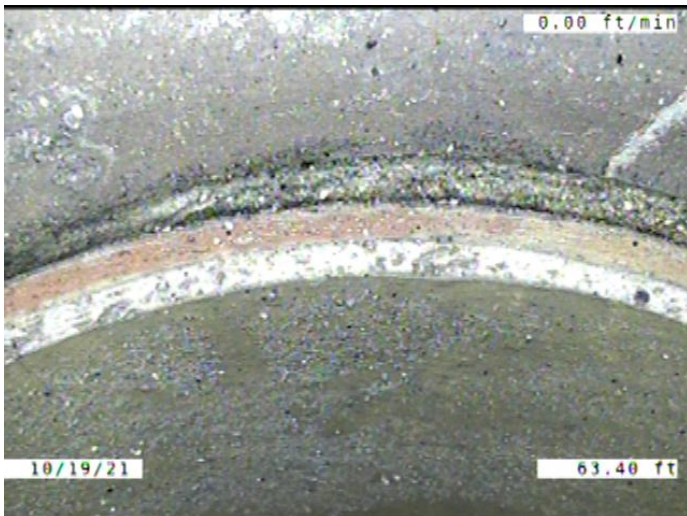
Code: **SZ**
 Description: **Surface Damage Other**

Distance (ft): **57.8**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **A PIECE CHIPPED AWAY FROM THE JOINT**



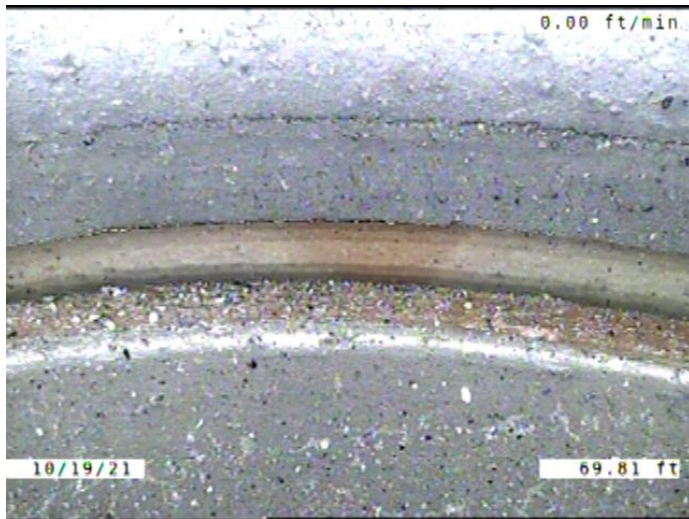
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **62.9**
 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: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **63.4**
 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:



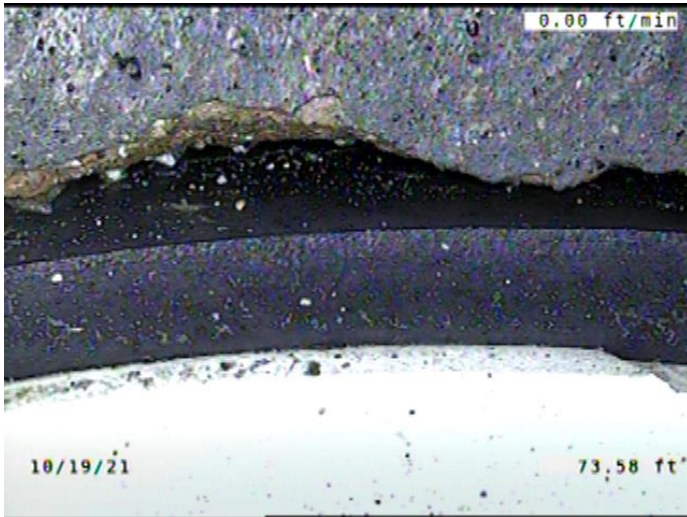
Code: **JOM**
Description: **Joint Offset Medium**

Distance (ft): **69.8**
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:



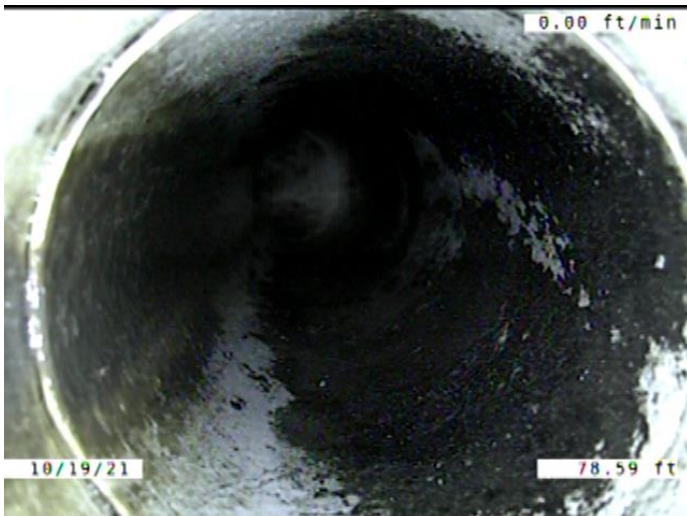
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **71.0**
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:



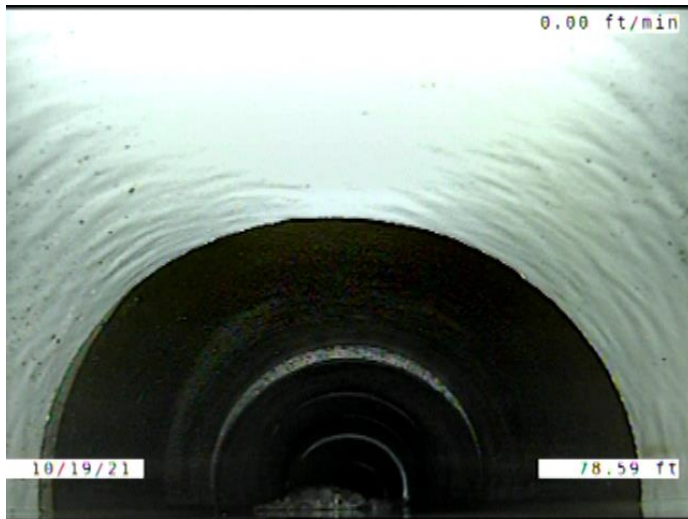
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **73.6**
 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**



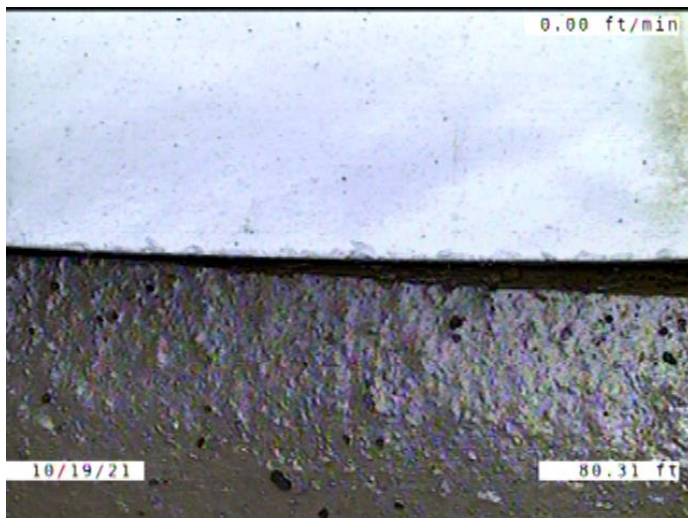
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **78.6**
 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:



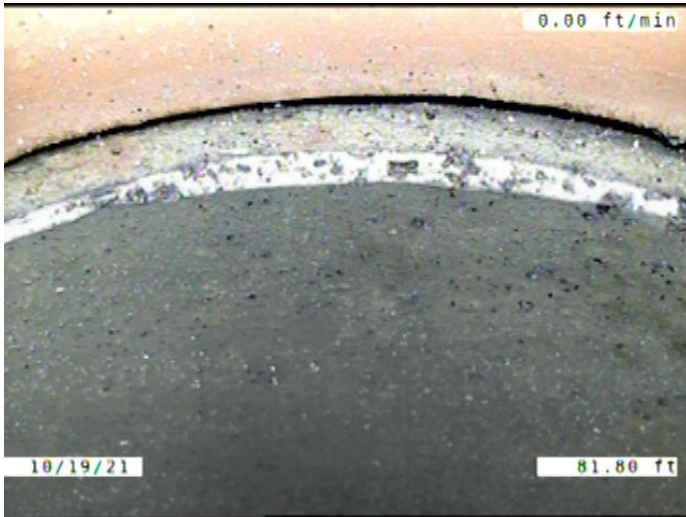
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **78.6**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **20.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **80.3**
 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**



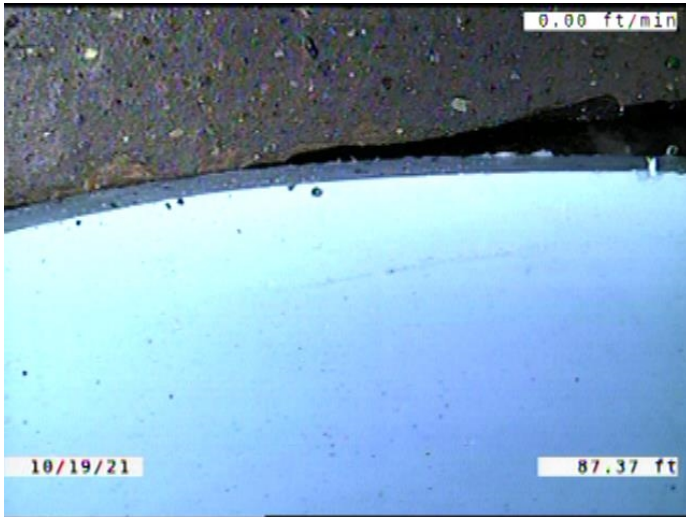
Code: **JOM**
 Description: **Joint Offset Medium**

Distance (ft): **81.8**
 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:



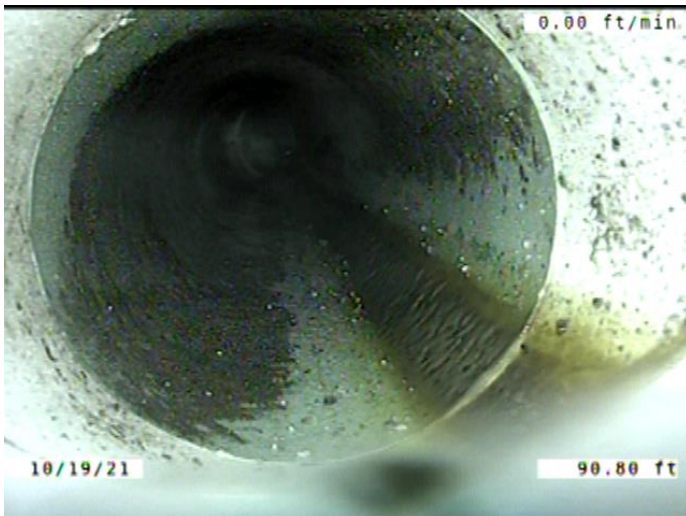
Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **83.1**
 Structural Grade: **0**
 O&M Grade: **5**
 Clock Start/From: **5**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **35.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks: **Continues underwater**



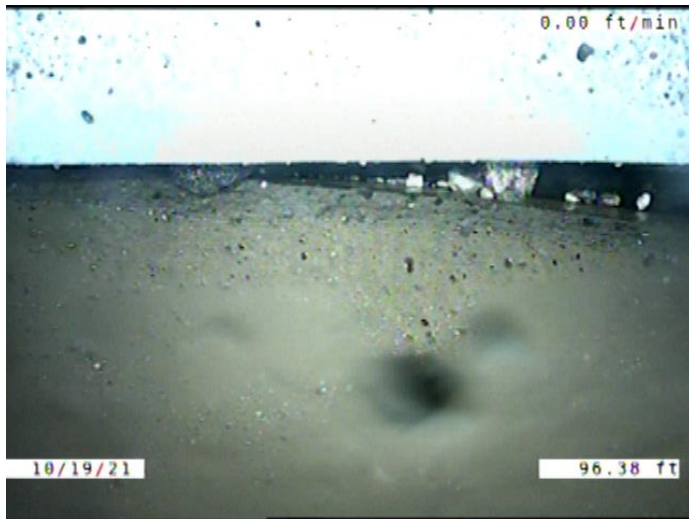
Code: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **87.4**
 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: **VCP TO PVC**



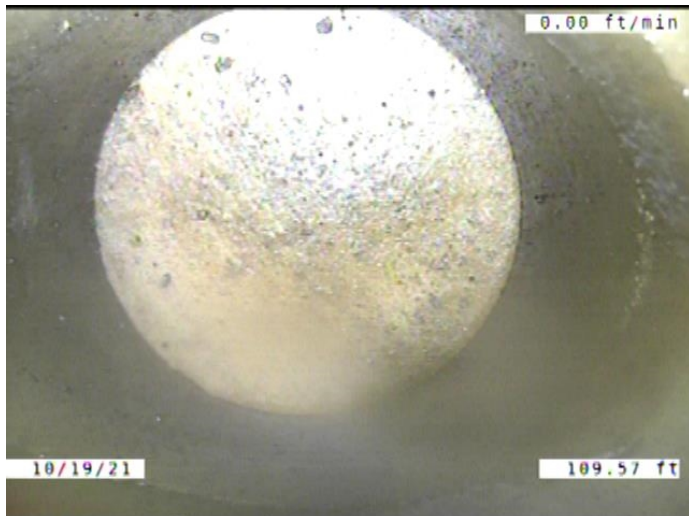
Code: **TF**
 Description: **Tap Factory**

Distance (ft): **90.8**
 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: **MMC**
 Description: **Miscellaneous Material Change**

Distance (ft): **96.4**
 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: **PVC TO VCP**



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

Distance (ft): **109.6**
 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:



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

Distance (ft): **110.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:

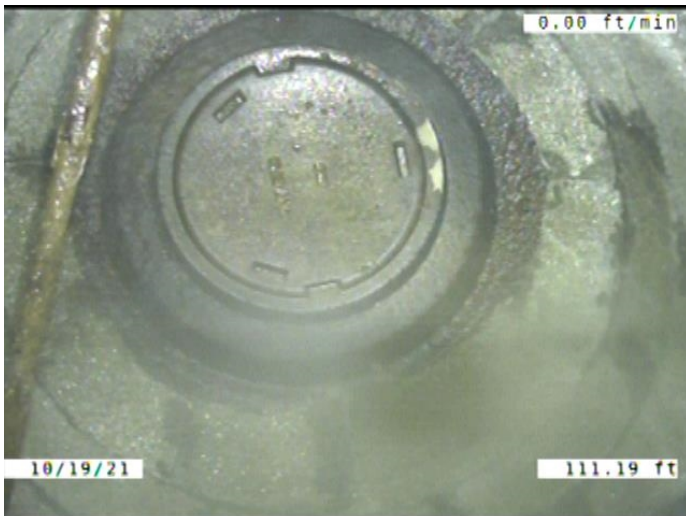


Code: **DSGV**
 Description: **Deposits Settled Gravel**

Distance (ft): **110.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F02**
 Within 8" of Joint: **YES**
 Remarks:



Code:	DSGV
Description:	Deposits Settled Gravel
Distance (ft):	110.2
Structural Grade:	0
O&M Grade:	5
Clock Start/From:	5
Clock To:	9
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	F03
Within 8" of Joint:	YES
Remarks:	Continues underwater



Code:	AMH
Description:	Manhole
Distance (ft):	111.2
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-503-017