

Profile/Photo Observation Report



Date:	09/16/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	249.8	Owner:	City of Hobart	Pre Clean:	No Pre-Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	M-605-001-M-705-055
Customer:	City of Hobart	Clean Date:		Shape:	C

Street:	East 3rd 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:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-605-001	DS MH:	M-705-055
		Total Length Surveyed (ft):	246.3

O&M Index:	2.05	O&M Quick:	372R	O&M Rating:	217.00
Structural Index:	4.02	Structural Quick:	544H	Structural Rating:	217.00
Overall Index:	2.71	Overall Quick:	544H	Overall Rating:	434.00

Position	Code	Observation	Video (sec)	Grade
				
.0	AMH	Manhole	1	NA
.0	MWL	Miscellaneous Water Level	75	NA
.0	DSF(S01)	Deposits Settled Fine	83	M 2
2.3	B	Broken	160	S 4
2.3	ISB	Infiltration Stain Barrel	173	M 1
3.8	TFD	Tap Factory Defective	199	M 3
4.9	MMC	Miscellaneous Material Change	256	NA
4.9	JOL	Joint Offset Large	279	S 4
6.5	TFA	Tap Factory Activity	314	NA
16.8	MMC	Miscellaneous Material Change	405	NA
20.9	B(S02)	Broken	479	S 4
20.9	ISJ	Infiltration Stain Joint	491	M 1
25.8	DAE(S03)	Deposits Attached Encrustation	569	M 2
47.1	TFD	Tap Factory Defective	677	M 3
48.9	HVV	Hole Void Visible	734	S 5
49.2	TBI	Tap Break-in Intruding	750	M 2
74.4	TFC	Tap Factory Capped	869	NA
104.9	BSV	Broken Soil Visible	1026	S 5
105.6	TBI	Tap Break-in Intruding	1045	M 2

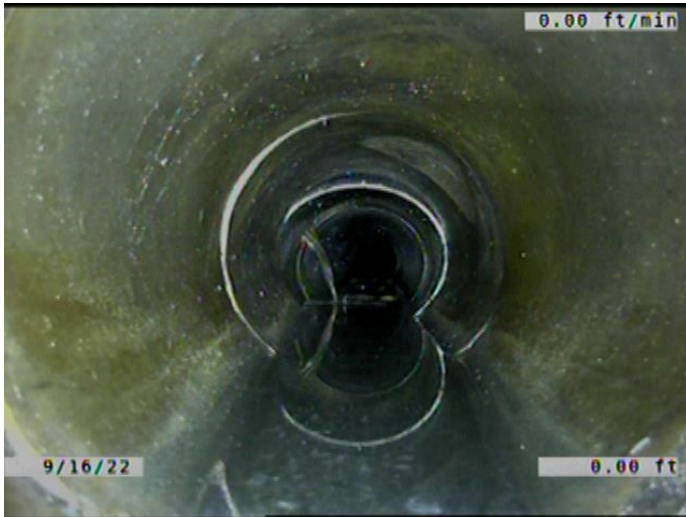
108.5	TFD	Tap Factory Defective	1080	M 3
110.4	TF	Tap Factory	1120	NA
157.9	TBI	Tap Break-in Intruding	1418	M 2
158.8	TBD	Tap Break-in/Hammer Defective	1462	M 3
160.8	TFD	Tap Factory Defective	1497	M 3
197.2	TFD	Tap Factory Defective	1680	M 3
213.2	SSS	Surface Damage Surface Spalling	1776	S 2
213.2	HVV	Hole Void Visible	1810	S 5
213.3	TBD	Tap Break-in/Hammer Defective	1827	M 3
218.9	JAM	Joint Angular Medium	1894	S 3
222.1	BSV	Broken Soil Visible	1973	S 5
222.1	TBI	Tap Break-in Intruding	2005	M 2
237.1	JAL	Joint Angular Large	2123	S 4
237.9	TFC	Tap Factory Capped	2151	NA
240.7	B(F02)	Broken	2202	S 4
240.7	MMC	Miscellaneous Material Change	2219	NA
240.7	JAL	Joint Angular Large	2234	S 4
245.0	DSF(F01)	Deposits Settled Fine	2285	M 2
245.0	DAE(F03)	Deposits Attached Encrustation	2301	M 2
246.3	AMH	Manhole	2500	NA

M-705-055



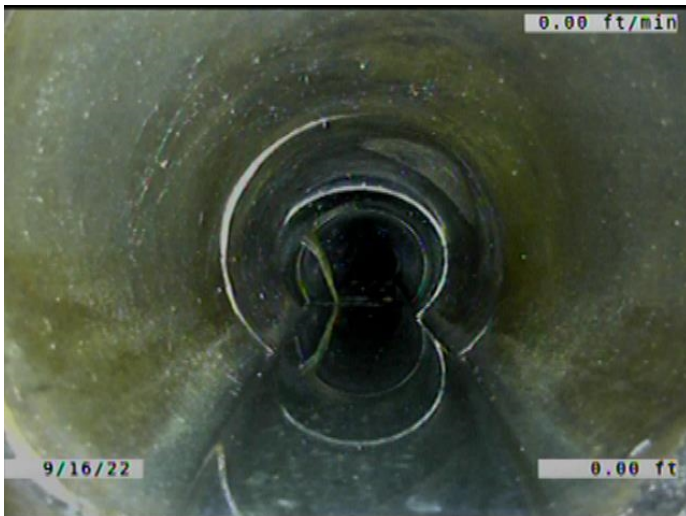
Code: **AMH**
Description: **Manhole**

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-605-001**



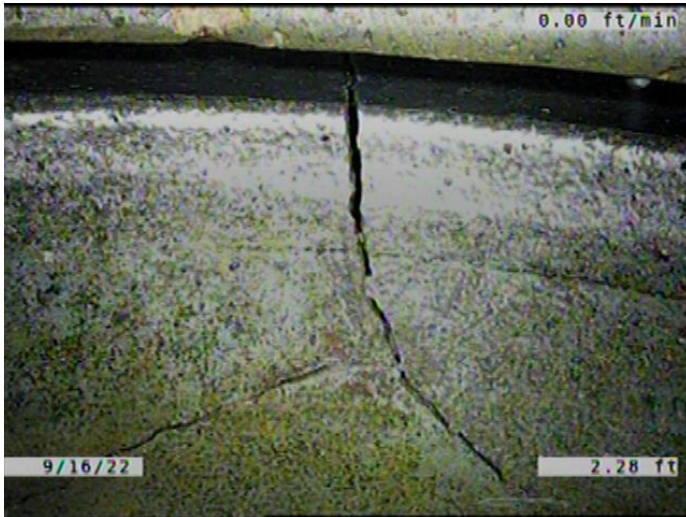
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



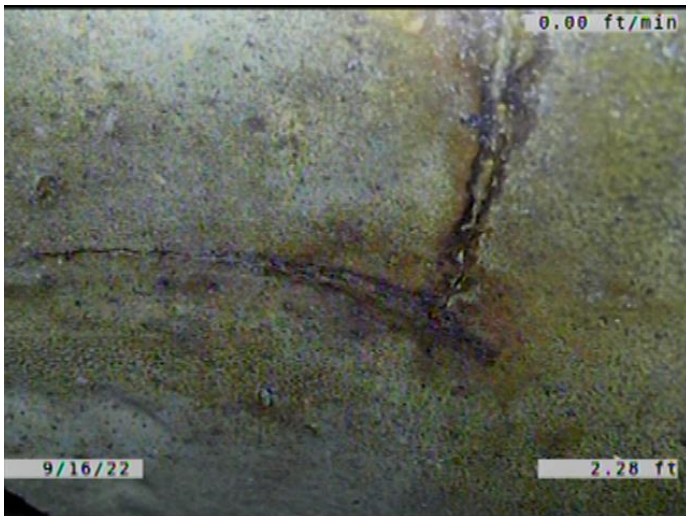
Code: **DSF**
 Description: **Deposits Settled Fine**

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:



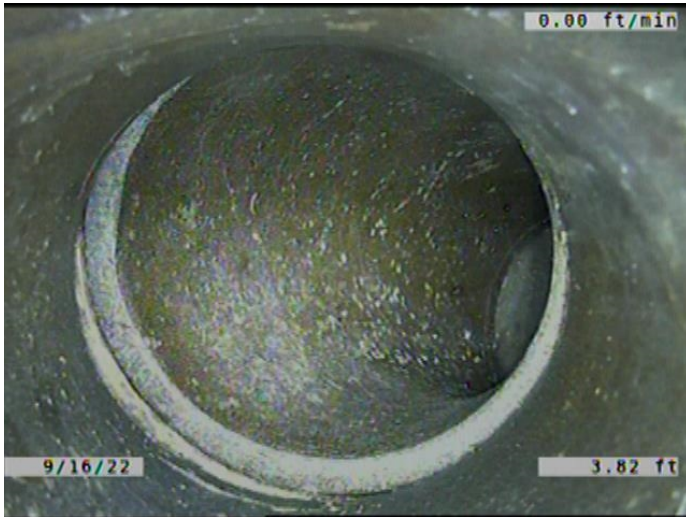
Code: **B**
 Description: **Broken**

Distance (ft): **2.3**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **9**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



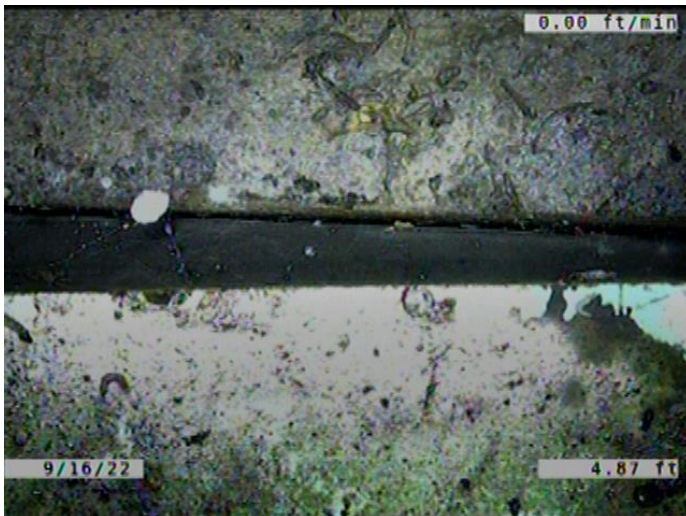
Code: **ISB**
 Description: **Infiltration Stain Barrel**

Distance (ft): **2.3**
 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:



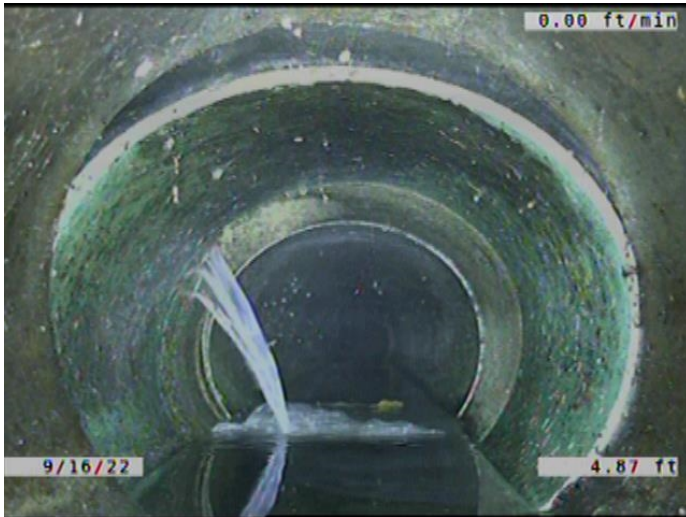
Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **3.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **TAP BROKEN. SERVICE OFFSET.**



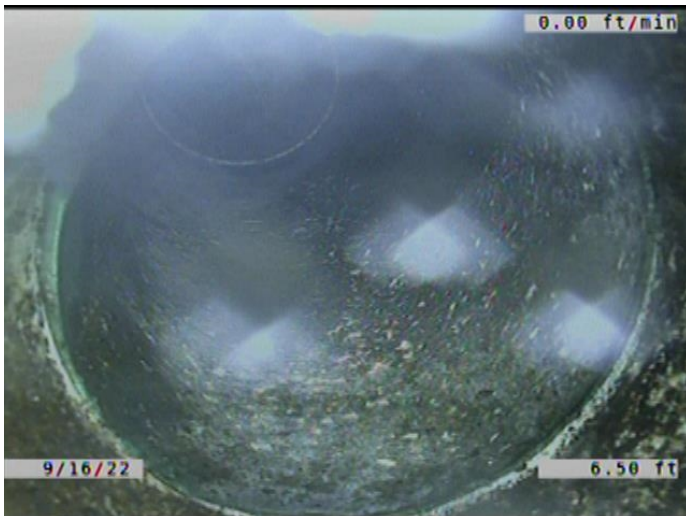
Code: **MMC**
Description: **Miscellaneous Material Change**

Distance (ft): **4.9**
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**



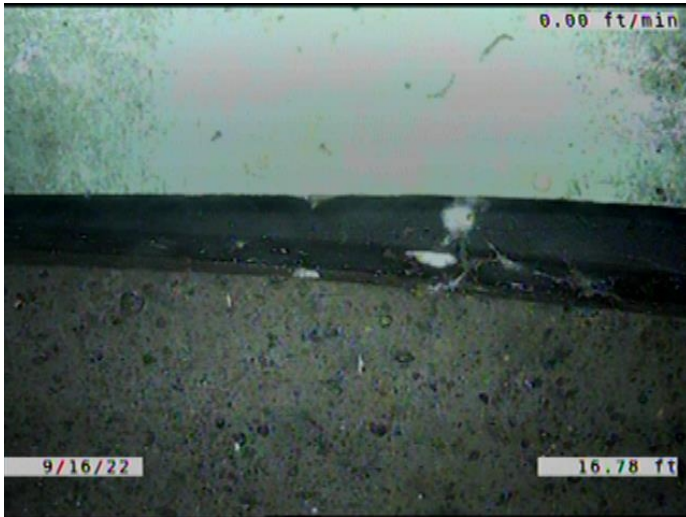
Code: **JOL**
 Description: **Joint Offset Large**

Distance (ft): **4.9**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:

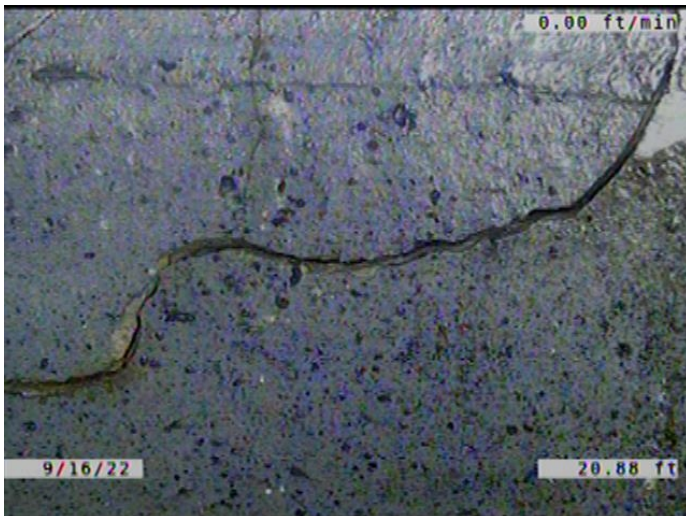


Code: **TFA**
 Description: **Tap Factory Activity**

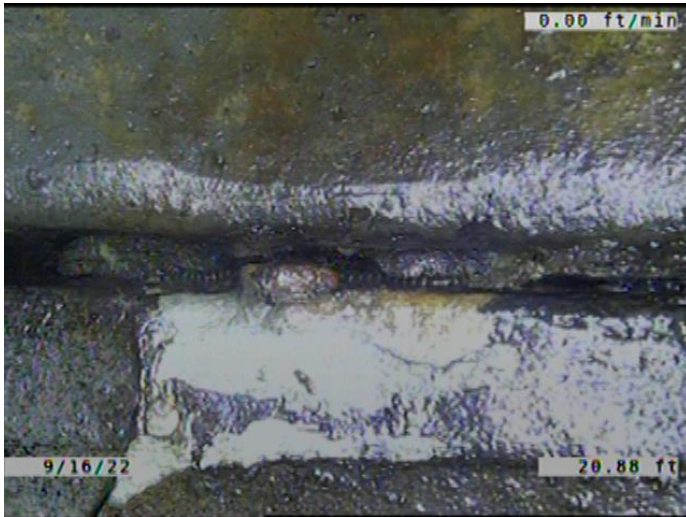
Distance (ft): **6.5**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	MMC
Description:	Miscellaneous Material Change
Distance (ft):	16.8
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:	PVC TO VCP

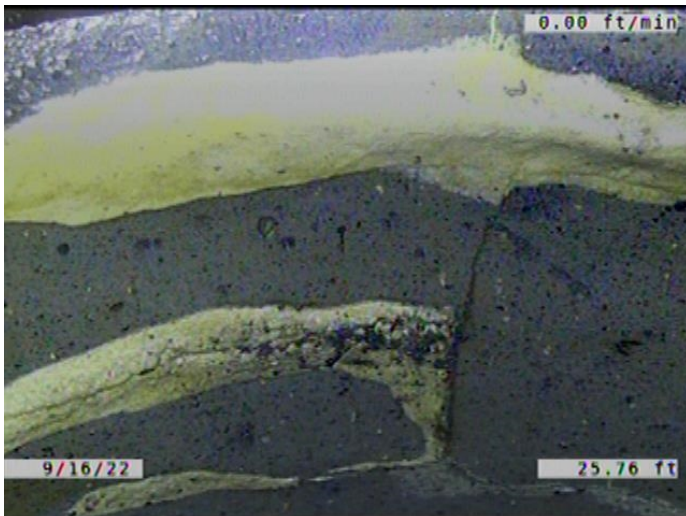


Code:	B
Description:	Broken
Distance (ft):	20.9
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S02
Within 8" of Joint:	YES
Remarks:	



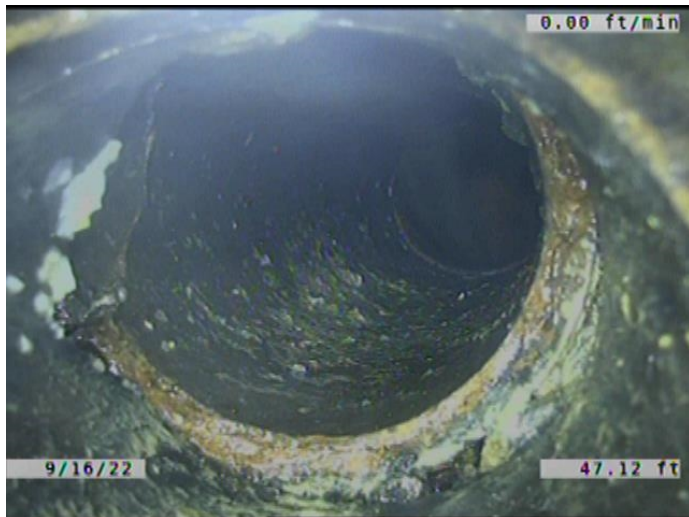
Code: **ISJ**
 Description: **Infiltration Stain Joint**

Distance (ft): **20.9**
 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: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **25.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **47.1**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP BROKEN. SERVICE BROKEN AND OFFSET.**



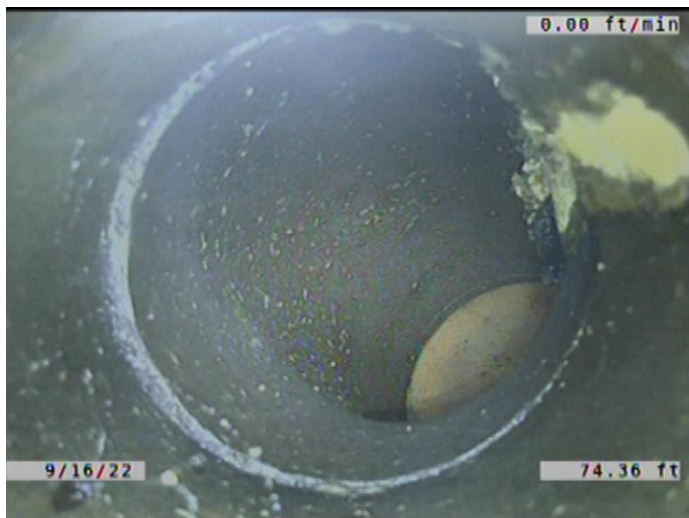
Code: **HVV**
 Description: **Hole Void Visible**

Distance (ft): **48.9**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



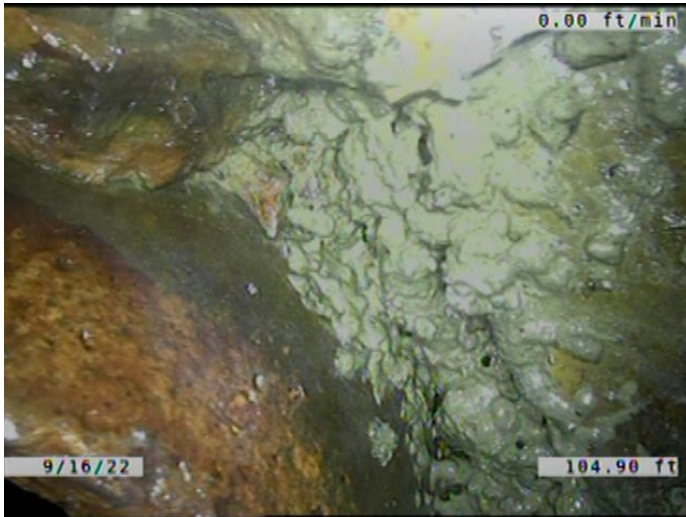
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **49.2**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To:
 1st Value: **6.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



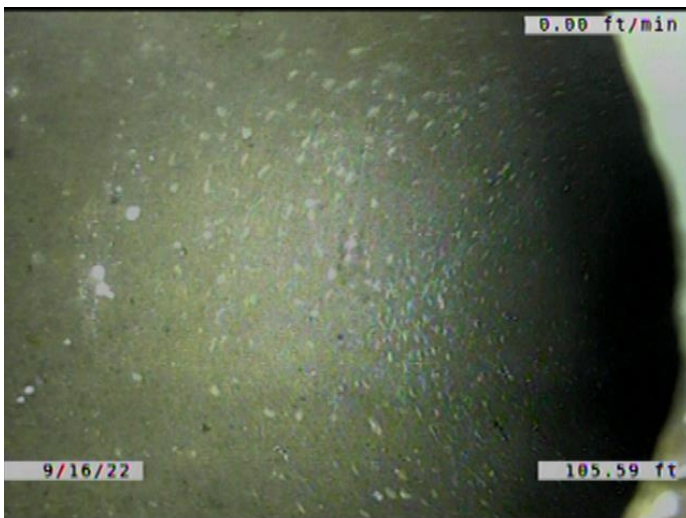
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **74.4**
 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: **YES**
 Remarks:



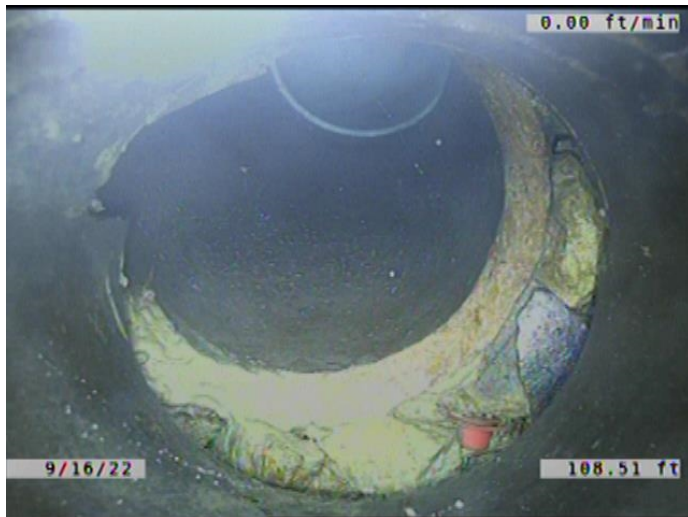
Code: **BSV**
 Description: **Broken Soil Visible**

Distance (ft): **104.9**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:

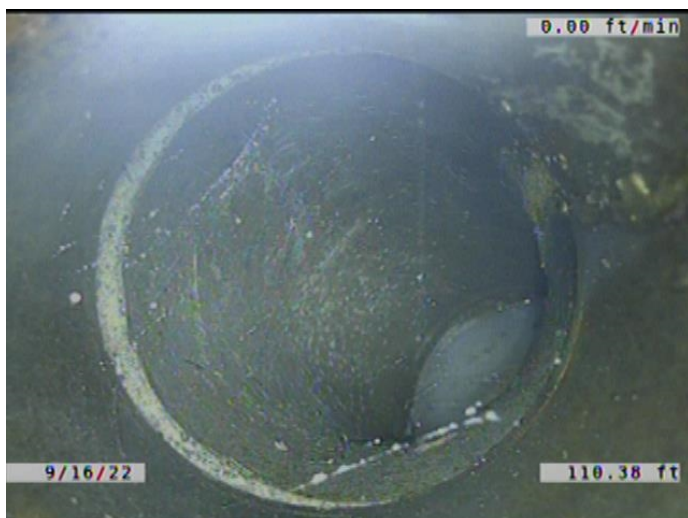


Code: **TBI**
 Description: **Tap Break-in Intruding**

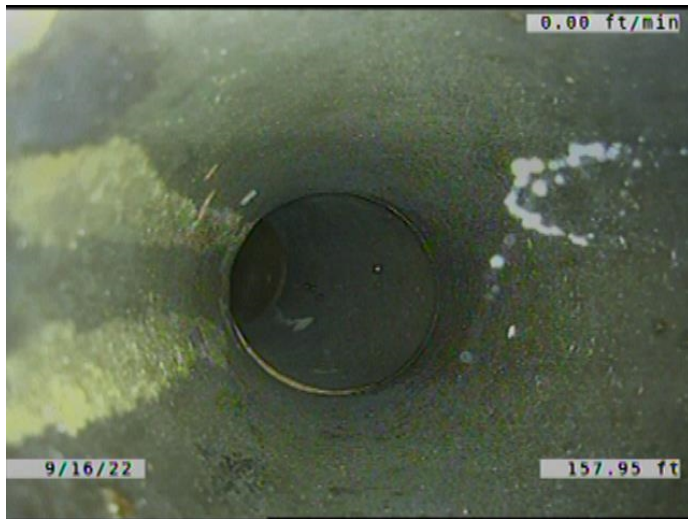
Distance (ft): **105.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	108.5
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	TAP BROKEN. SERVICE LARGE OFFSET. SOIL VISIBLE. SOME OF THE

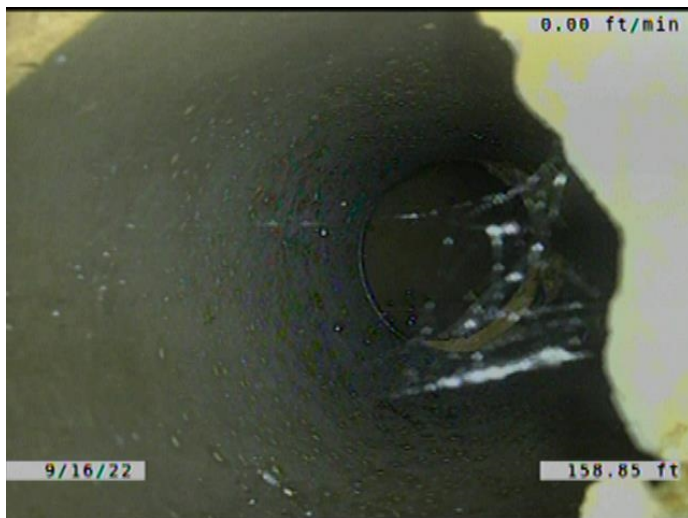


Code:	TF
Description:	Tap Factory
Distance (ft):	110.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



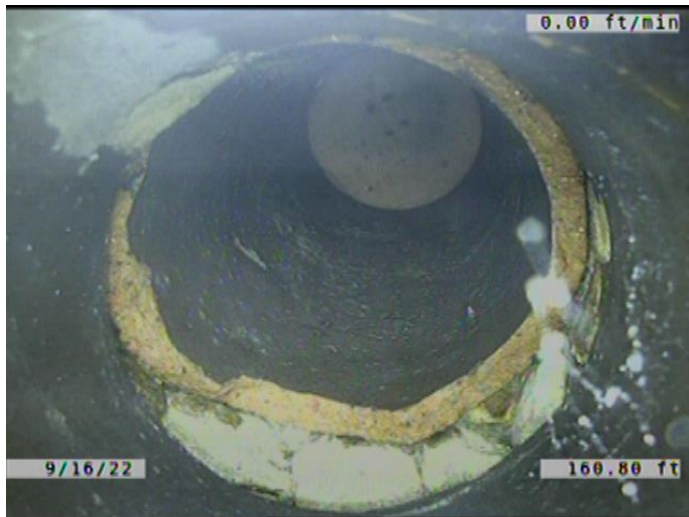
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **157.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value: **1.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



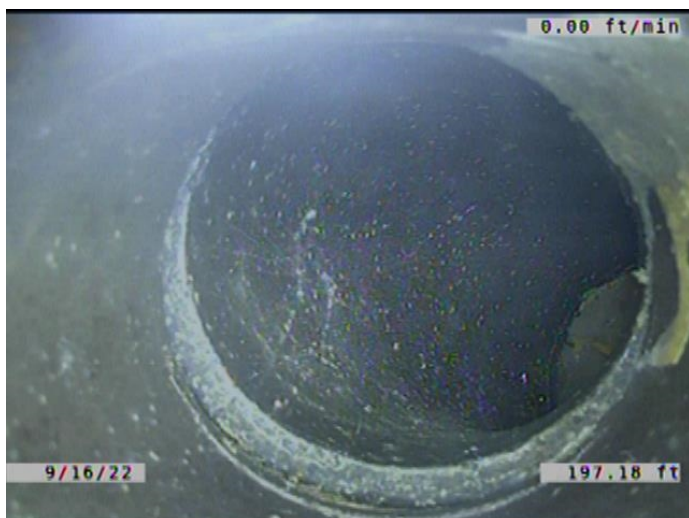
Code: **TBD**
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **158.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **DAE**



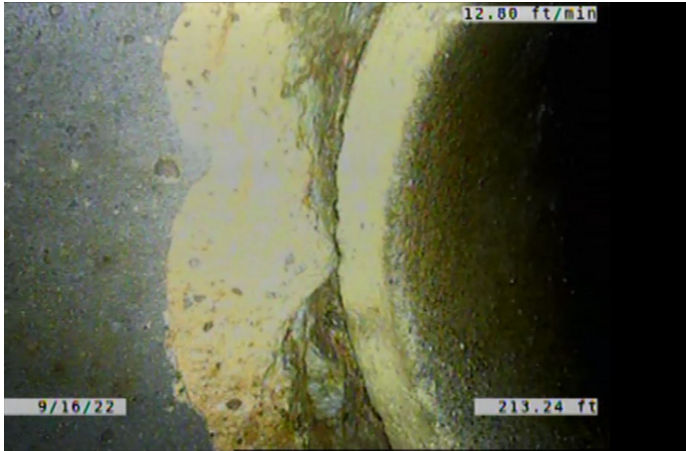
Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **160.8**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **11**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP BROKEN. SERVICE BROKEN AND OFFSET. CAPPED.**

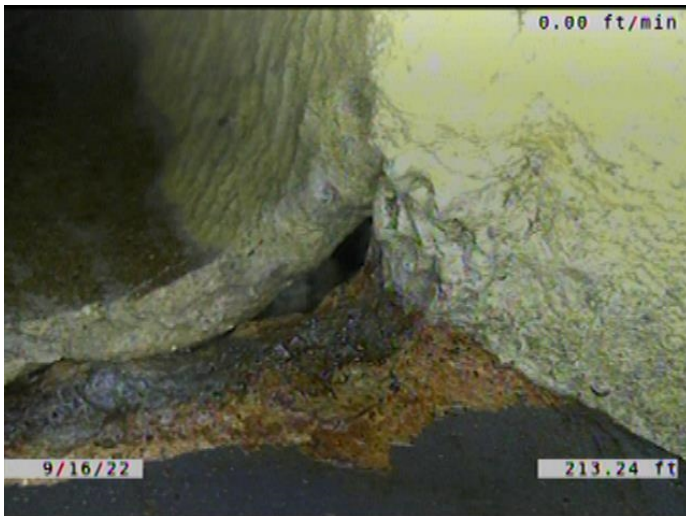


Code: **TFD**
 Description: **Tap Factory Defective**

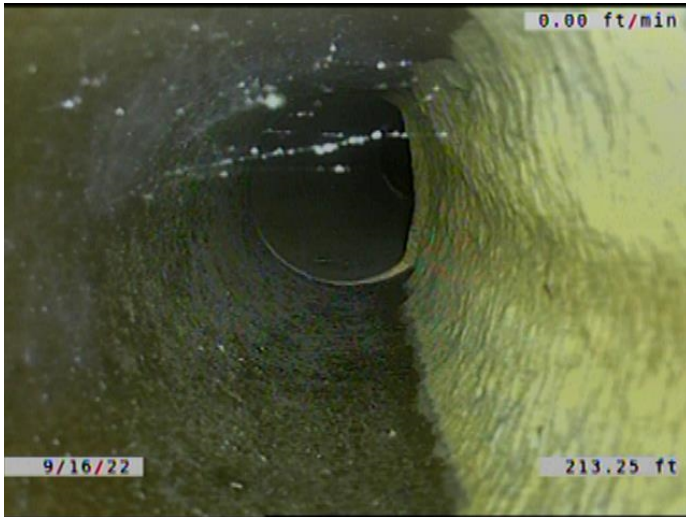
Distance (ft): **197.2**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **TAP BROKEN. SERVICE OFFSET. CAPPED. CAP BROKEN.**



Code:	SSS
Description:	Surface Damage Surface Spalling
Distance (ft):	213.2
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	1
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	HVV
Description:	Hole Void Visible
Distance (ft):	213.2
Structural Grade:	5
O&M Grade:	0
Clock Start/From:	12
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



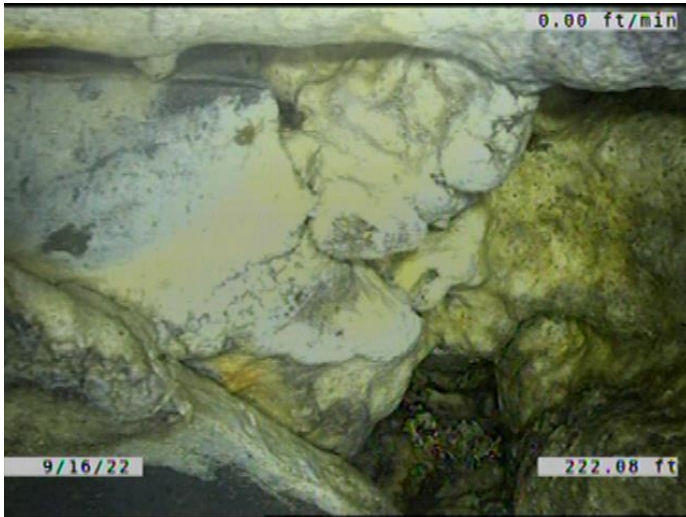
Code: **TBD**
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **213.3**
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: **ENCRUSTATION COMING DOWN THE SERVICE INTO THE MAIN.**



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

Distance (ft): **218.9**
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: **BSV**
 Description: **Broken Soil Visible**

Distance (ft): **222.1**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **SOIL AND VOID VISIBLE.**



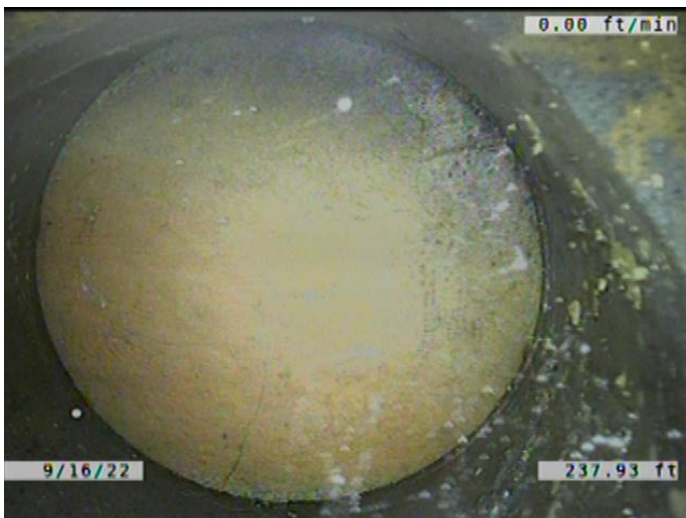
Code: **TBI**
 Description: **Tap Break-in Intruding**

Distance (ft): **222.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To:
 1st Value: **6.000**
 2nd Value: **2.000**
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **237.1**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



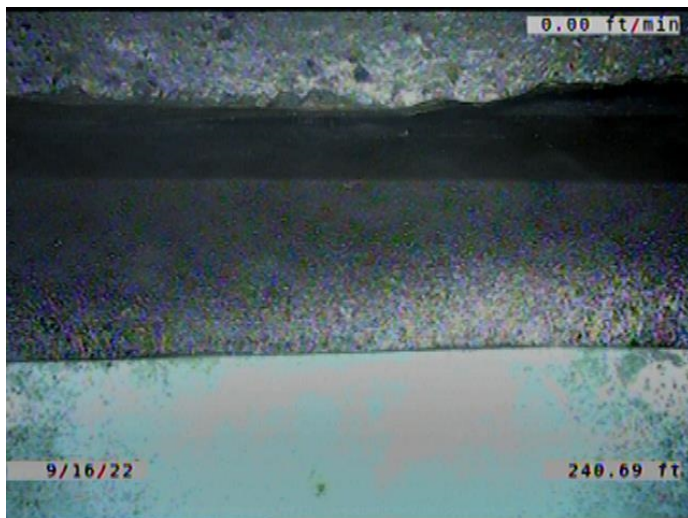
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **237.9**
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: **CAP CRACKED.**



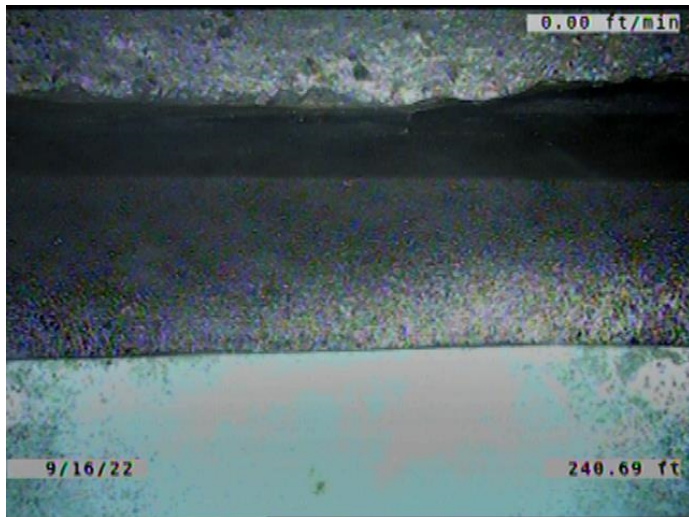
Code: **B**
Description: **Broken**

Distance (ft): **240.7**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **240.7**
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: **VCP TO PVC**



Code: **JAL**
 Description: **Joint Angular Large**

Distance (ft): **240.7**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:

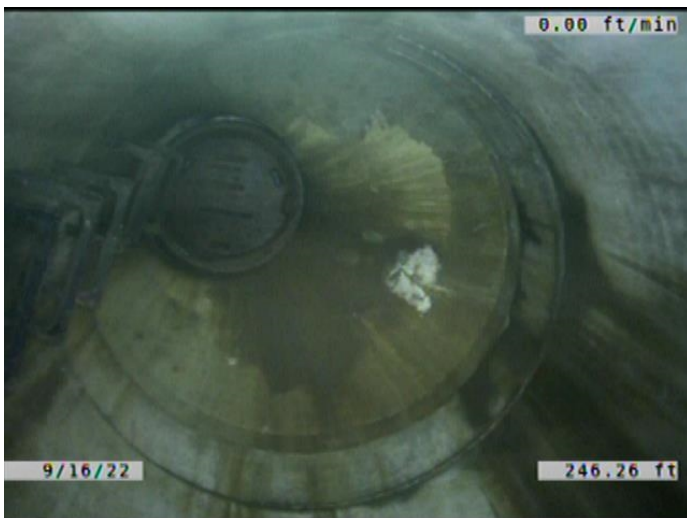


Code: **DSF**
 Description: **Deposits Settled Fine**

Distance (ft): **245.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	245.0
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F03
Within 8" of Joint:	YES
Remarks:	



Code:	AMH
Description:	Manhole
Distance (ft):	246.3
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:	M-705-055