

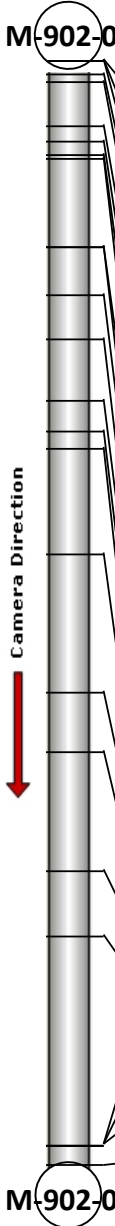
Profile/Photo Observation Report

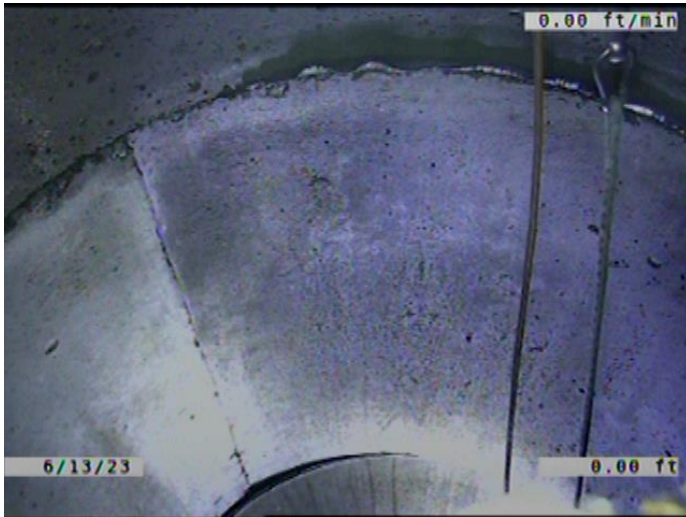


Date:	06/13/2023	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	146.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-902-076-039
Customer:	City of Hobart	Clean Date:	05/10/2023	Shape:	C

Street:	East 34th Lane	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	18"
Use:	Sanitary Sewage Pipe	Material:	RCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-902-076	DS MH:	M-902-039
		Total Length Surveyed (ft):	146.8

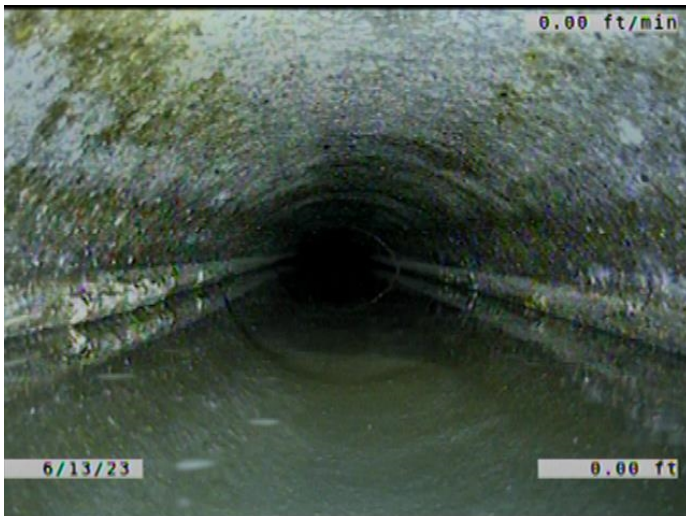
O&M Index:	2.04	O&M Quick:	412H	O&M Rating:	94.00
Structural Index:	3.18	Structural Quick:	5442	Structural Rating:	175.00
Overall Index:	2.66	Overall Quick:	5443	Overall Rating:	269.00

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	77	NA
	.0	DAGS(S01)	Deposits Attached Grease	85	M 2
	1.7	MWLS(S02)	Miscellaneous Water Level Sag	108	S 5
	4.4	SMW	Surface Damage Missing Wall	198	S 5
	8.8	JSL	Joint Separated Large	313	S 4
	10.7	SAP(S03)	Surface Damage Aggregate Projecting	356	S 3
	12.5	MWLS(F02)	Miscellaneous Water Level Sag	385	S 5
	13.0	MCU	Miscellaneous Camera Underwater	396	M 4
	24.8	SMW	Surface Damage Missing Wall	616	S 5
	24.8	DAE	Deposits Attached Encrustation	632	M 2
	32.6	MWL	Miscellaneous Water Level	712	NA
	37.0	DAE(S04)	Deposits Attached Encrustation	781	M 2
	45.2	JSL	Joint Separated Large	953	S 4
	49.2	JSM(S05)	Joint Separated Medium	1045	S 3
	51.5	MWLS(S06)	Miscellaneous Water Level Sag	1076	S 3
	65.5	MWLS(F06)	Miscellaneous Water Level Sag	1160	S 3
	83.9	MWL	Miscellaneous Water Level	1269	NA
	91.8	MWL	Miscellaneous Water Level	1364	NA
	107.7	TF	Tap Factory	1462	NA
	116.4	DAGS(F01)	Deposits Attached Grease	1534	M 2
	144.2	SAP(F03)	Surface Damage Aggregate Projecting	1679	S 3
	144.2	DAE(F04)	Deposits Attached Encrustation	1687	M 2
	144.2	JSM(F05)	Joint Separated Medium	1695	S 3
	146.8	AMH	Manhole	1875	NA



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-902-076**



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: **60.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



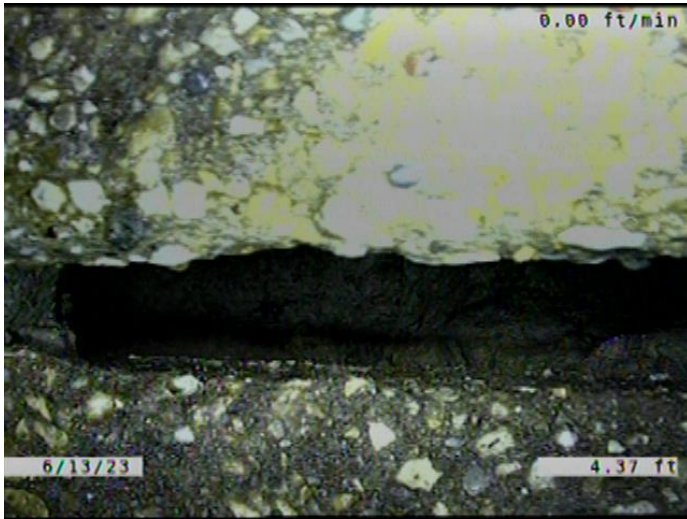
Code: **DAGS**
Description: **Deposits Attached Grease**

Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



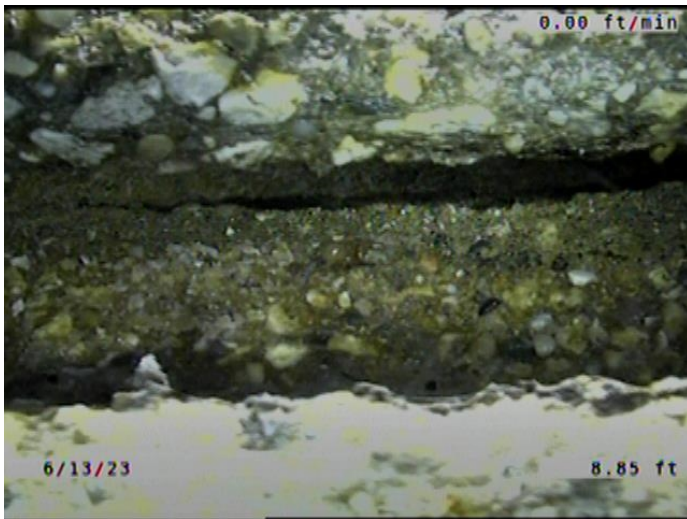
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **1.7**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **85.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



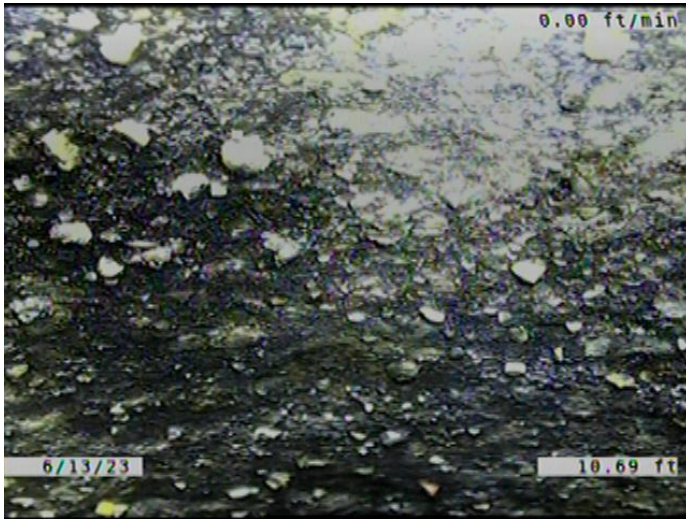
Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **4.4**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **THE OUTSIDE OF THE BELL IS MISSING. SOIL AND VOID VISIBLE.**



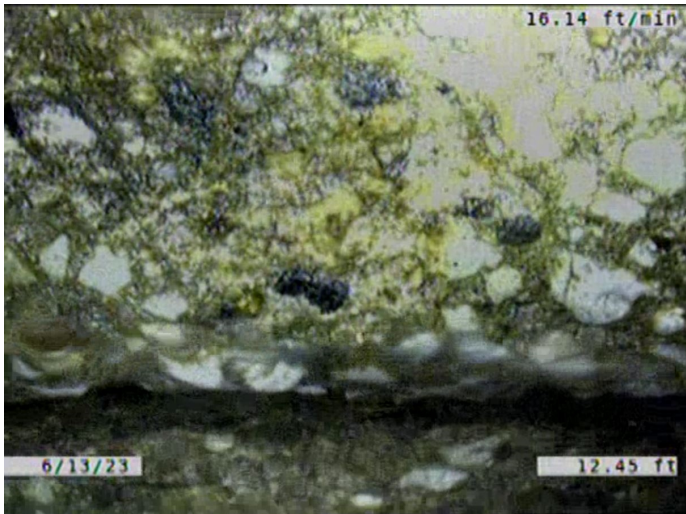
Code: **JSL**
Description: **Joint Separated Large**

Distance (ft): **8.8**
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: **SOIL AND VOID VISIBLE.**



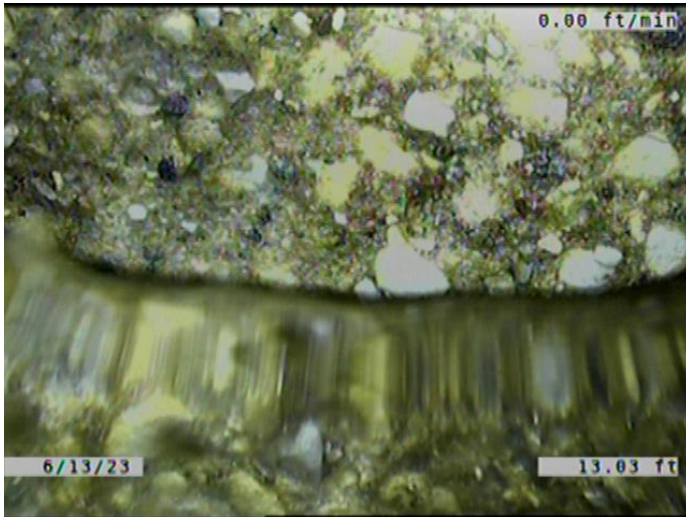
Code: **SAP**
 Description: **Surface Damage Aggregate Projecting**

Distance (ft): **10.7**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index: **S03**
 Within 8" of Joint: **YES**
 Remarks:



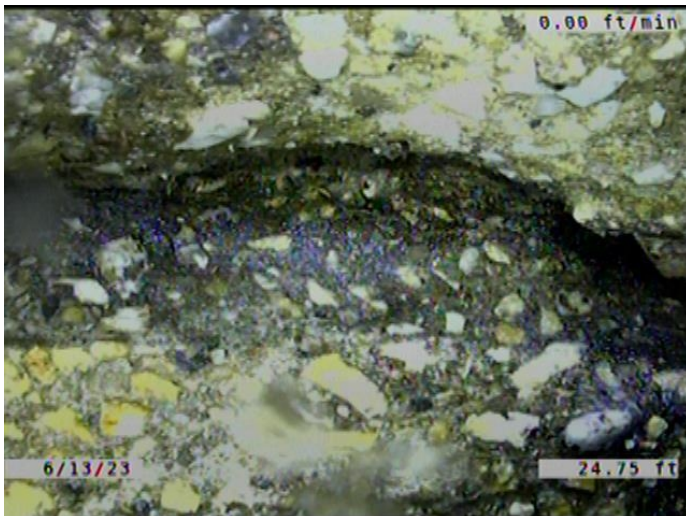
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **12.5**
 Structural Grade: **5**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **85.000**
 Continuous Index: **F02**
 Within 8" of Joint: **NO**
 Remarks:



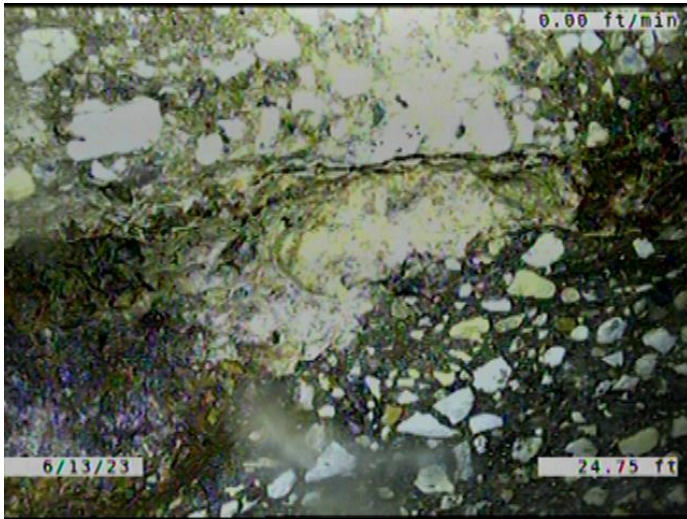
Code: **MCU**
Description: **Miscellaneous Camera Underwater**

Distance (ft): **13.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Out at 15**



Code: **SMW**
Description: **Surface Damage Missing Wall**

Distance (ft): **24.8**
Structural Grade: **5**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **THE OUTSIDE OF THE JOINT/ BELL. SOIL VISIBLE.**



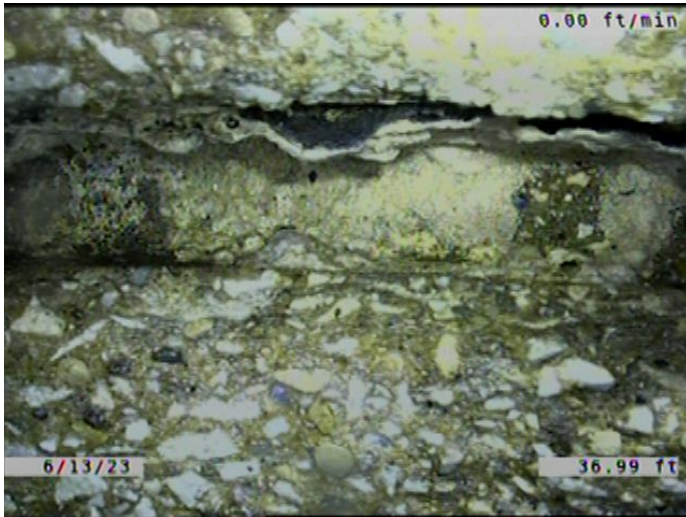
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **24.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



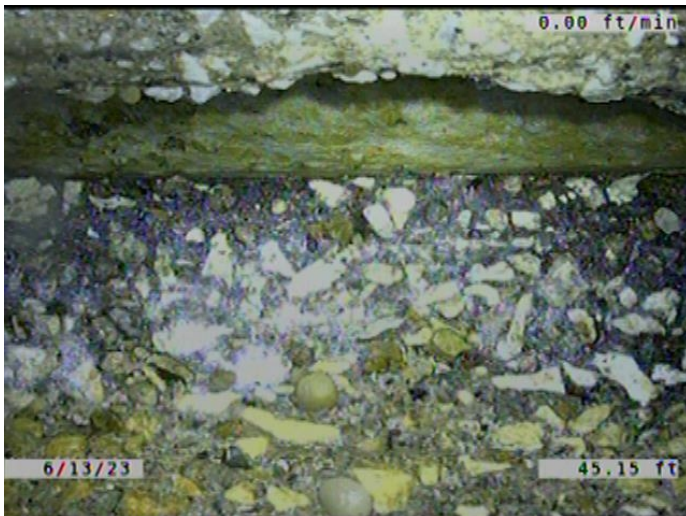
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **32.6**
 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:



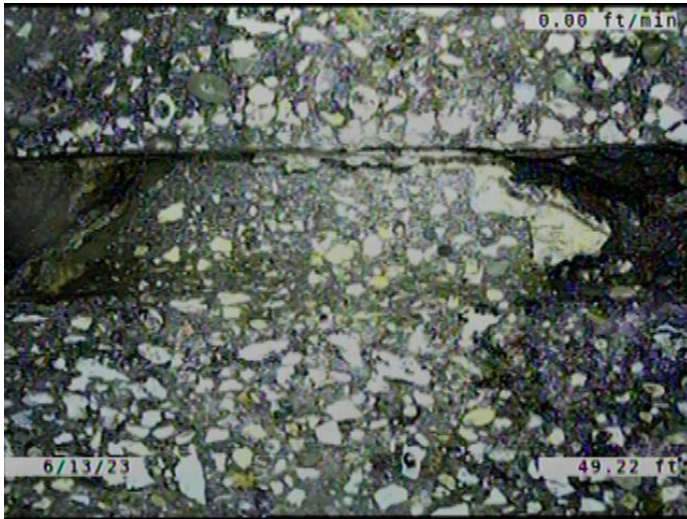
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **37.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks:



Code: **JSL**
Description: **Joint Separated Large**

Distance (ft): **45.2**
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: **JSM**
Description: **Joint Separated Medium**

Distance (ft): **49.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



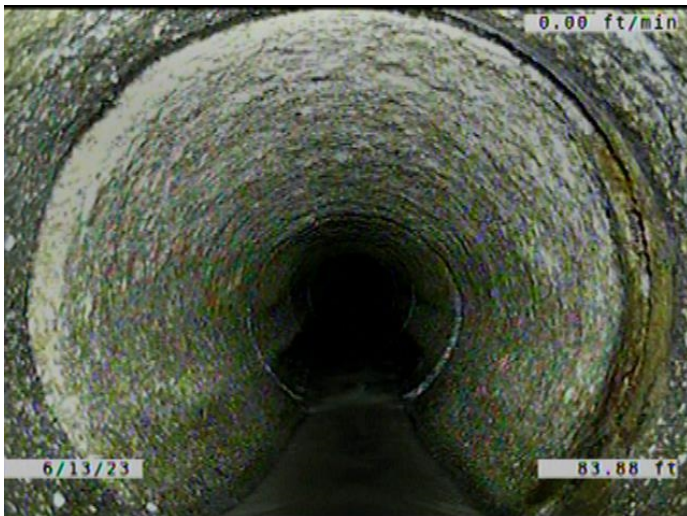
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **51.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **65.5**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **40.000**
 Continuous Index: **F06**
 Within 8" of Joint: **NO**
 Remarks:



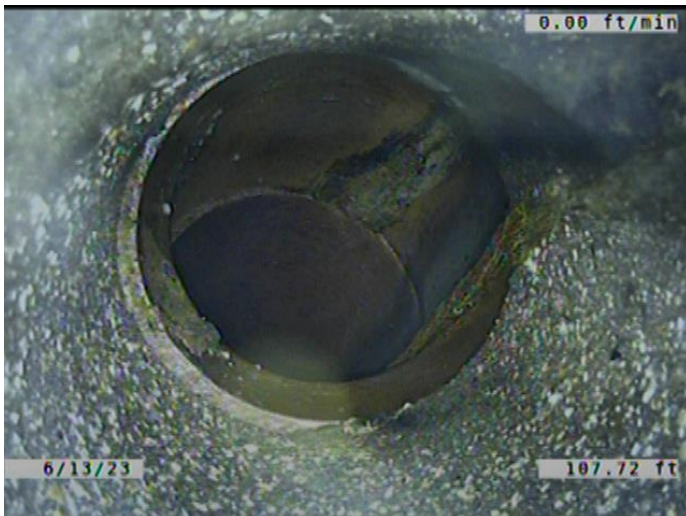
Code: **MWL**
 Description: **Miscellaneous Water Level**

Distance (ft): **83.9**
 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: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **91.8**
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: **TF**
Description: **Tap Factory**

Distance (ft): **107.7**
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: **ROOTS GROWING DOWN THE SERVICE. ENCRUSTATION COMING F**



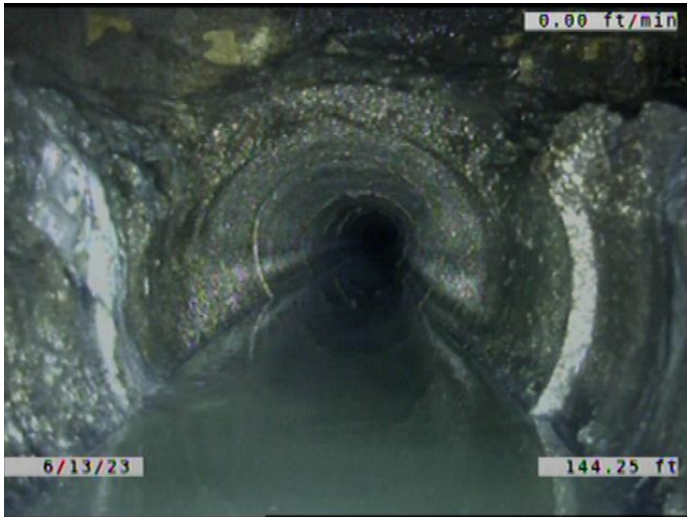
Code: **DAGS**
Description: **Deposits Attached Grease**

Distance (ft): **116.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code: **SAP**
Description: **Surface Damage Aggregate Projecting**

Distance (ft): **144.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



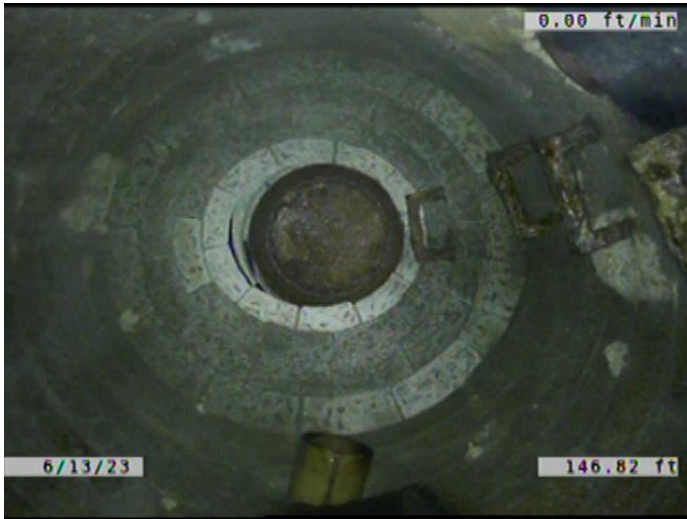
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **144.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks:



Code: **JSM**
Description: **Joint Separated Medium**

Distance (ft): **144.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	146.8
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-902-039