

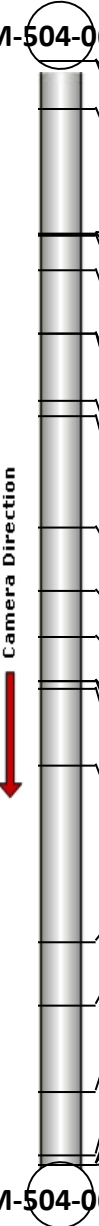
Profile/Photo Observation Report

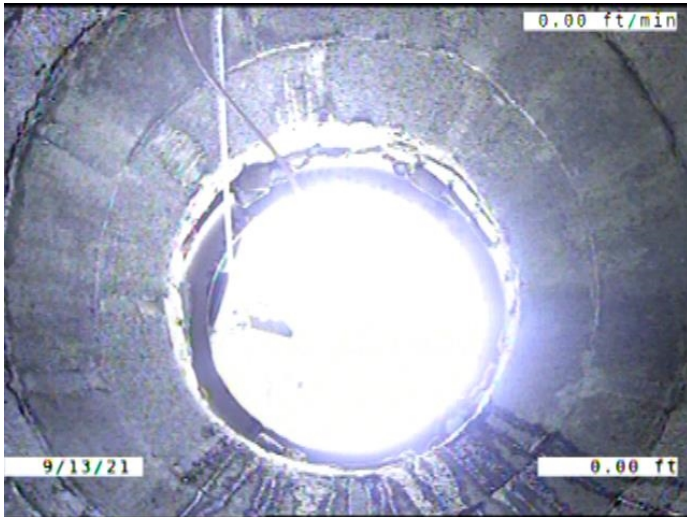


Date:	09/13/2021	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	124.0	Owner:	City of Hobart	Pre Clean:	Light Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-065.2-065.1
Customer:	City of Hobart	Clean Date:	09/09/2021	Shape:	C

Street:	North Guyer 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:	8"
Use:	Sanitary Sewage Pipe	Material:	CP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-504-065.1	DS MH:	M-504-065.2
		Total Length Surveyed (ft):	124.0

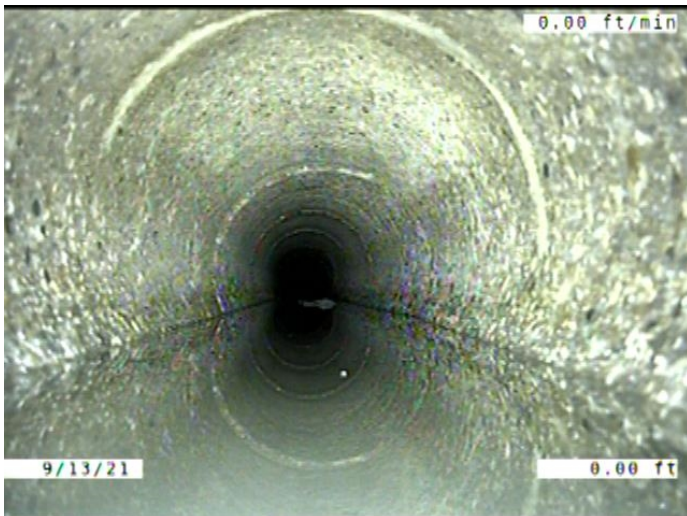
O&M Index:	2.00	O&M Quick:	2G00	O&M Rating:	82.00
Structural Index:	2.38	Structural Quick:	4133	Structural Rating:	31.00
Overall Index:	2.09	Overall Quick:	4133	Overall Rating:	113.00

	Position	Code	Observation	Video (sec)	Grade
M-504-065.2					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	63	NA
	5.4	DAR	Deposits Attached Ragging	130	M 2
	19.4	B	Broken	233	S 4
	19.4	DAE	Deposits Attached Encrustation	300	M 2
	19.6	TB	Tap Break-in/Hammer	320	NA
	23.4	DAE(S01)	Deposits Attached Encrustation	381	M 2
	30.7	FS	Fracture Spiral	481	S 3
	30.7	DAE	Deposits Attached Encrustation	503	M 2
	38.1	MWLS(S02)	Miscellaneous Water Level Sag	552	S 2
	39.9	DSF(S03)	Deposits Settled Fine	576	M 2
	52.3	MWLS(F02)	Miscellaneous Water Level Sag	641	S 2
	59.5	MWLS(S04)	Miscellaneous Water Level Sag	680	S 2
	64.7	TF	Tap Factory	747	NA
	69.6	FS	Fracture Spiral	831	S 3
	69.6	DAE	Deposits Attached Encrustation	844	M 2
	70.5	MWLS(F04)	Miscellaneous Water Level Sag	866	S 2
	79.1	MWLS(S05)	Miscellaneous Water Level Sag	909	S 2
	99.0	MWLS(F05)	Miscellaneous Water Level Sag	1013	S 2
	106.0	JSM	Joint Separated Medium	1086	S 3
	115.9	MWL	Miscellaneous Water Level	1173	NA
	123.0	TF	Tap Factory	1301	NA
	123.9	DSF(F03)	Deposits Settled Fine	1333	M 2
	123.9	DAE(F01)	Deposits Attached Encrustation	1341	M 2
	124.0	AEP	Access Point End of Pipe	1385	NA
M-504-065.1					



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-504-065.2**



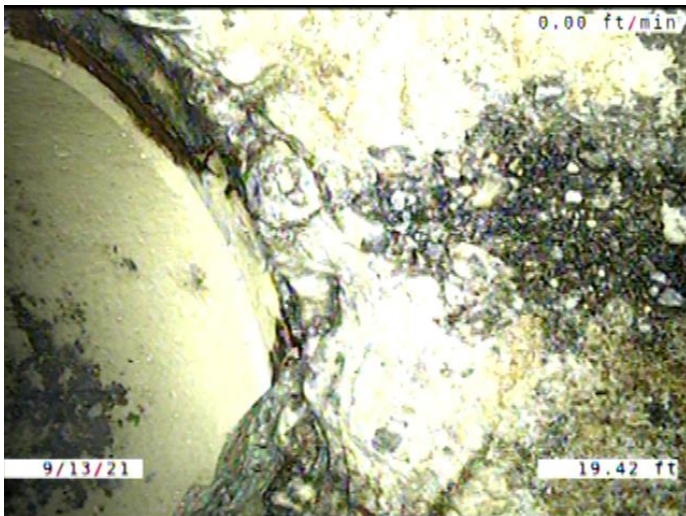
Code: **MWL**
 Description: **Miscellaneous Water Level**

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:



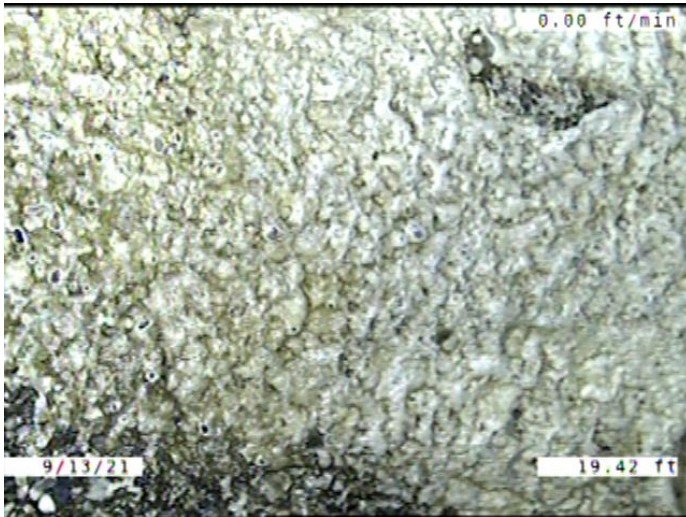
Code: **DAR**
 Description: **Deposits Attached Ragging**

Distance (ft): **5.4**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



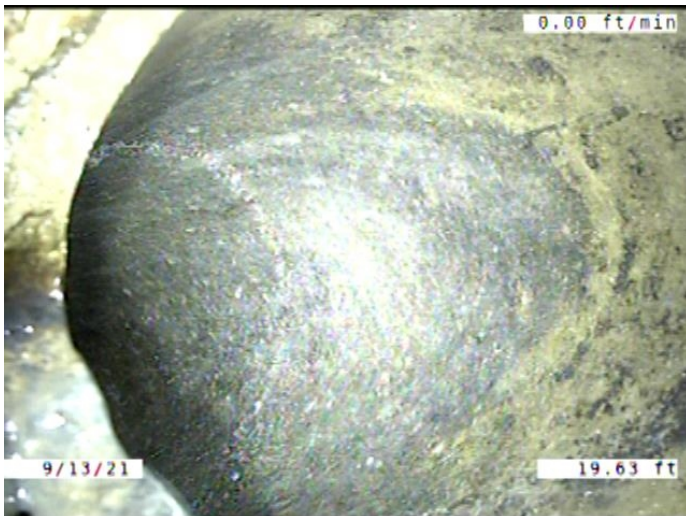
Code: **B**
 Description: **Broken**

Distance (ft): **19.4**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **10**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



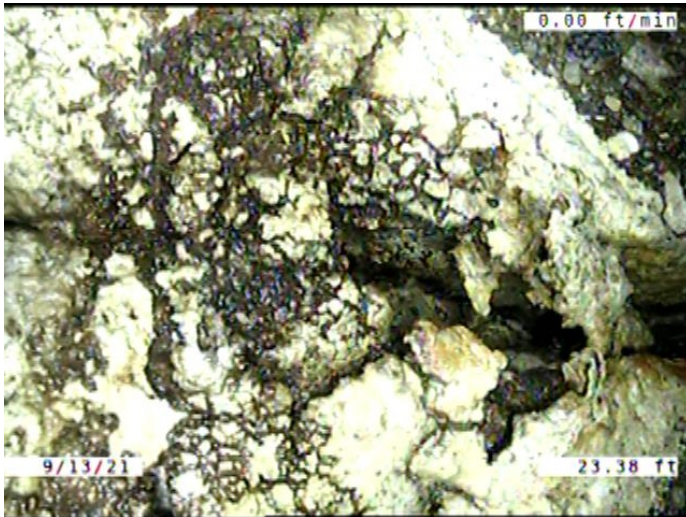
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **19.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



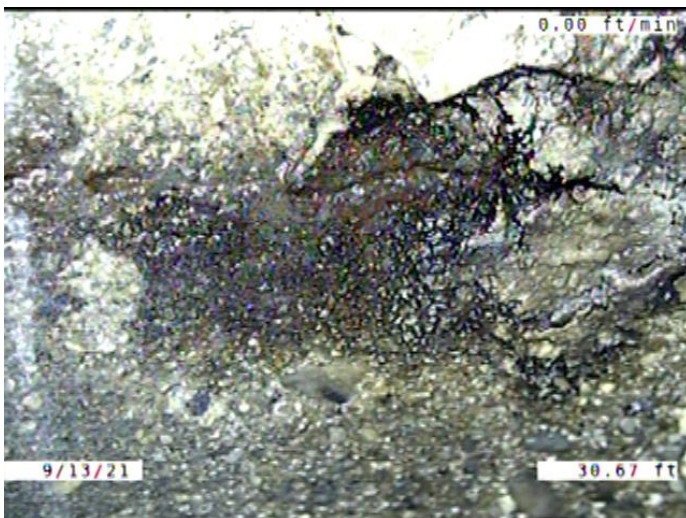
Code: **TB**
Description: **Tap Break-in/Hammer**

Distance (ft): **19.6**
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:



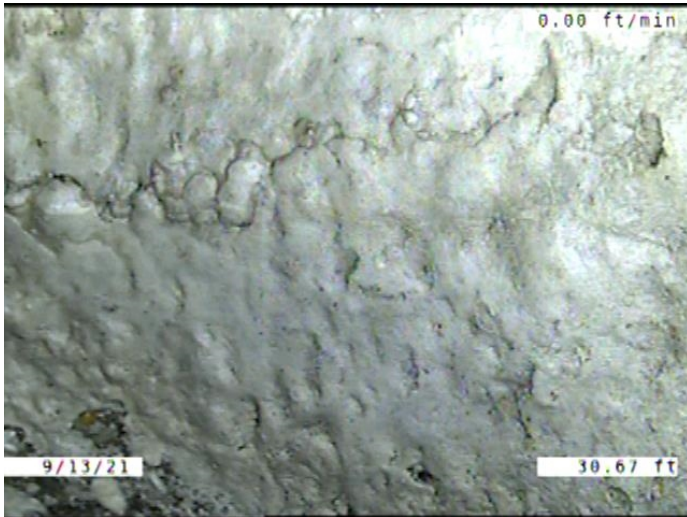
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **23.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **30.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **30.7**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **38.1**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **10.000**
 Continuous Index: **S02**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **39.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



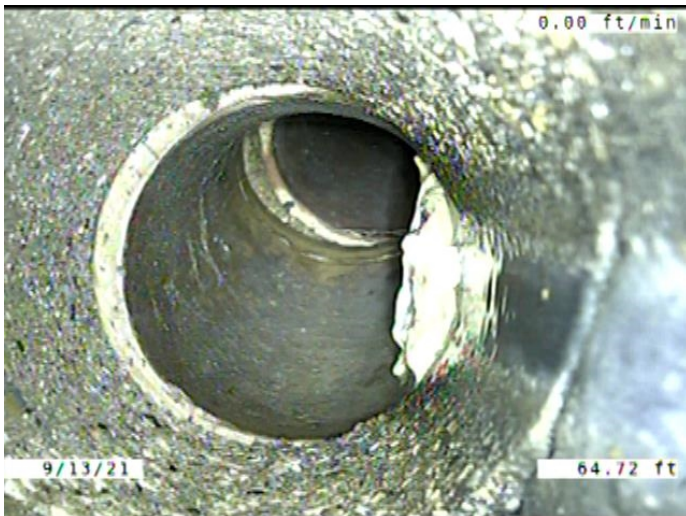
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **52.3**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



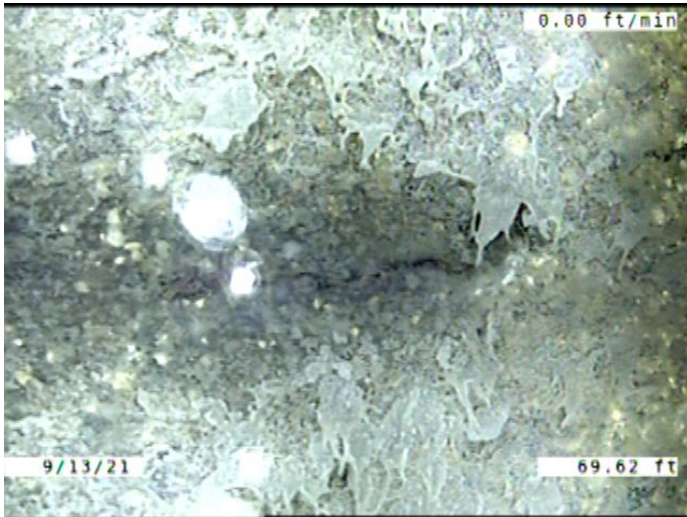
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **59.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S04**
Within 8" of Joint: **NO**
Remarks:



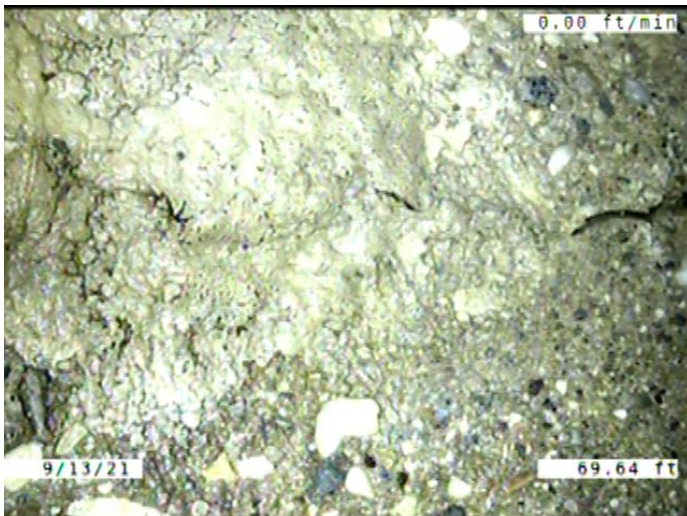
Code: **TF**
Description: **Tap Factory**

Distance (ft): **64.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **69.6**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **12**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **69.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 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): **70.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F04**
Within 8" of Joint: **NO**
Remarks:



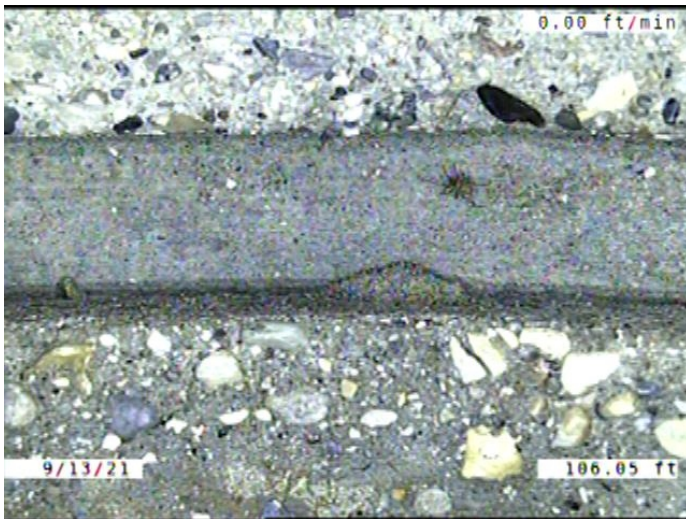
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **79.1**
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): **99.0**
 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:



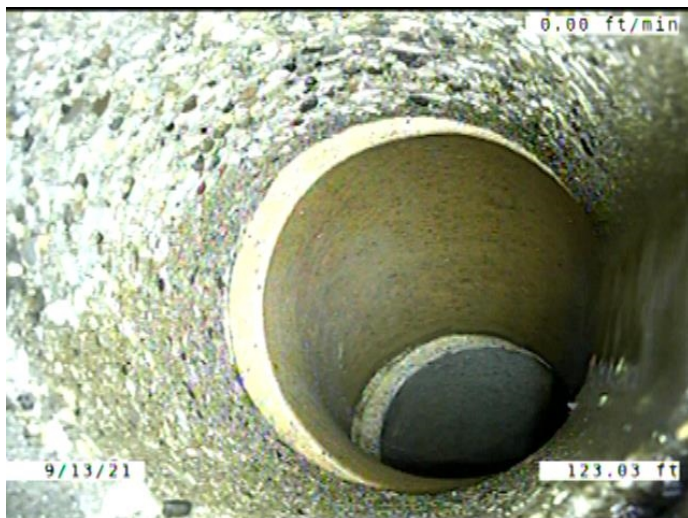
Code: **JSM**
 Description: **Joint Separated Medium**

Distance (ft): **106.0**
 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: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **115.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **123.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



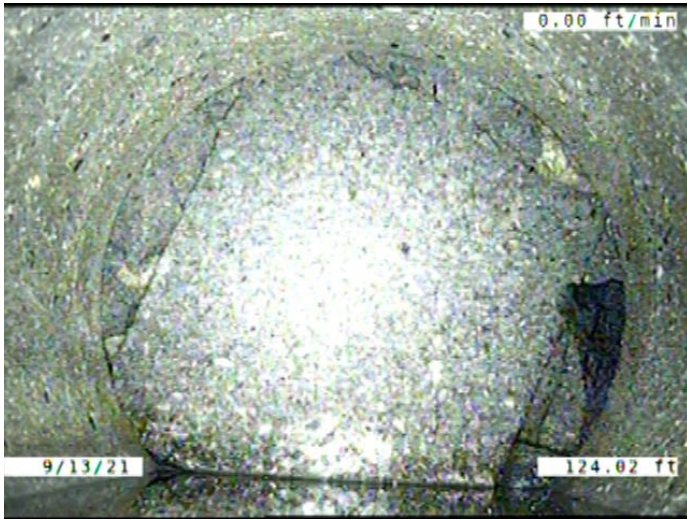
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **123.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **123.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **3**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



Code:	AEP
Description:	Access Point End of Pipe
Distance (ft):	124.0
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-504-065.1