

Profile/Photo Observation Report



Date:	08/10/2022	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	160.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-072-071
Customer:	City of Hobart	Clean Date:	07/30/2022	Shape:	C

Street:	North Virginia Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Alley	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	18"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		

Comment:

Location Details:

Direction of Survey:

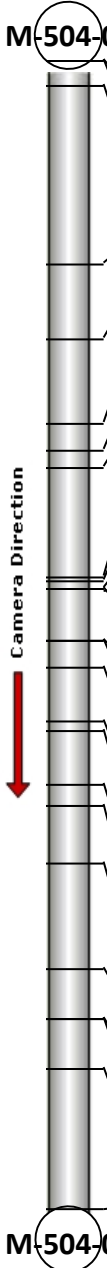
Downstream

US MH: **M-504-072**

DS MH: **M-504-071**

Total Length Surveyed (ft): **142.2**

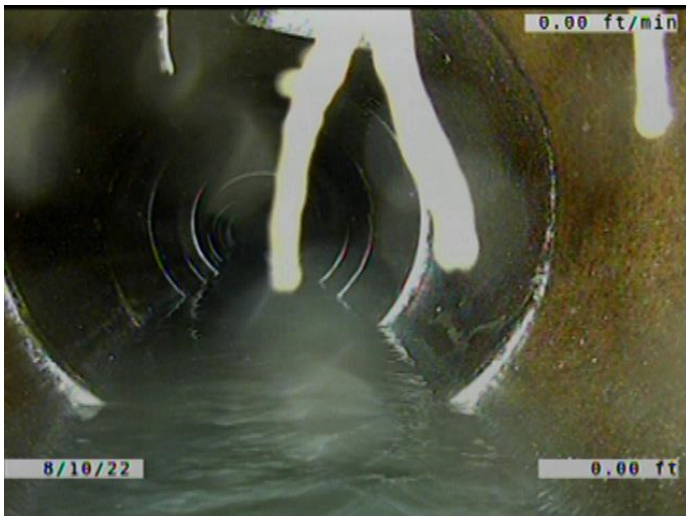
O&M Index:	2.75	O&M Quick:	4134	O&M Rating:	22.00
Structural Index:	2.45	Structural Quick:	4133	Structural Rating:	27.00
Overall Index:	2.58	Overall Quick:	4237	Overall Rating:	49.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	82	NA
	3.0	TF	Tap Factory	125	NA
	25.3	TFC	Tap Factory Capped	233	NA
	34.4	JAL	Joint Angular Large	292	S 4
	44.9	JAM	Joint Angular Medium	393	S 3
	48.3	TF	Tap Factory	441	NA
	50.4	TF	Tap Factory	477	NA
	64.0	SSS	Surface Damage Surface Spalling	559	S 2
	64.5	TBD	Tap Break-in/Hammer Defective	594	M 3
	65.5	SSS	Surface Damage Surface Spalling	635	S 2
	65.5	CL	Crack Longitudinal	636	S 2
	65.5	IRJ	Infiltration Runner Joint	708	M 4
	71.9	DAE	Deposits Attached Encrustation	797	M 2
	71.9	JAM	Joint Angular Medium	813	S 3
	75.1	TFD	Tap Factory Defective	853	M 3
	81.8	SSS	Surface Damage Surface Spalling	916	S 2
	83.0	TBD	Tap Break-in/Hammer Defective	956	M 3
	89.7	MWLS	Miscellaneous Water Level Sag	1014	S 2
	92.3	DSC	Deposits Settled Hard/Compacted	1316	M 2
	99.4	TFD	Tap Factory Defective	1402	M 3
	112.4	CS	Crack Spiral	1469	S 2
	118.6	CL	Crack Longitudinal	1509	S 2
	118.6	DAE	Deposits Attached Encrustation	1526	M 2
	124.8	JAM	Joint Angular Medium	1589	S 3
	142.2	AMH	Manhole	1724	NA
M-504-071					



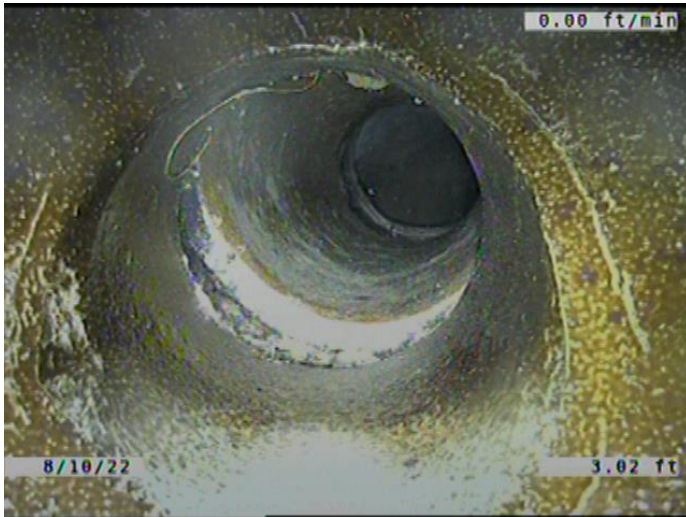
Code: **AMH**
Description: **Manhole**

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-504-072**



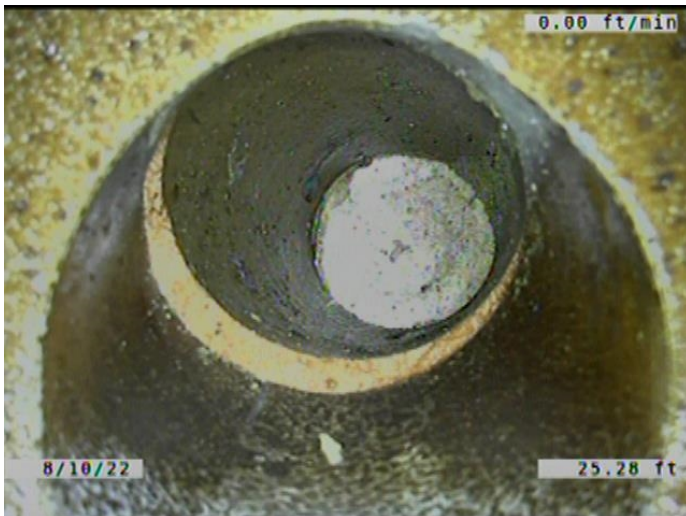
Code: **MWL**
Description: **Miscellaneous Water Level**

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

Distance (ft): **3.0**
 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: **SERVICE LARGE OFFSET. SOIL VISIBLE.**



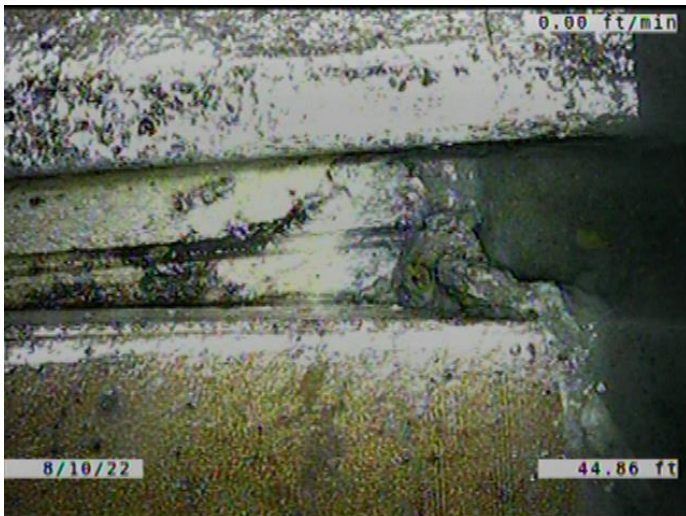
Code: **TFC**
 Description: **Tap Factory Capped**

Distance (ft): **25.3**
 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: **SERVICE OFFSET.**



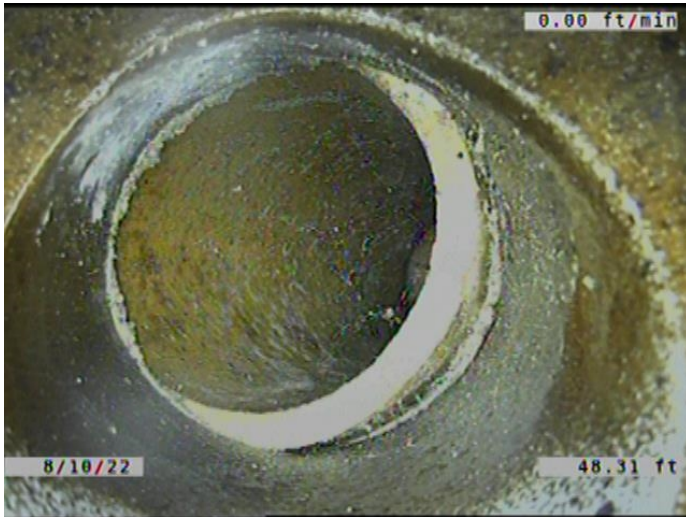
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **34.4**
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:

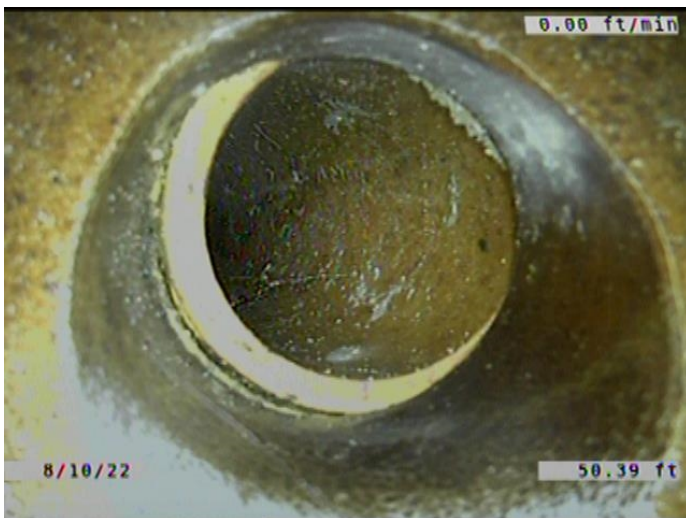


Code: **JAM**
Description: **Joint Angular Medium**

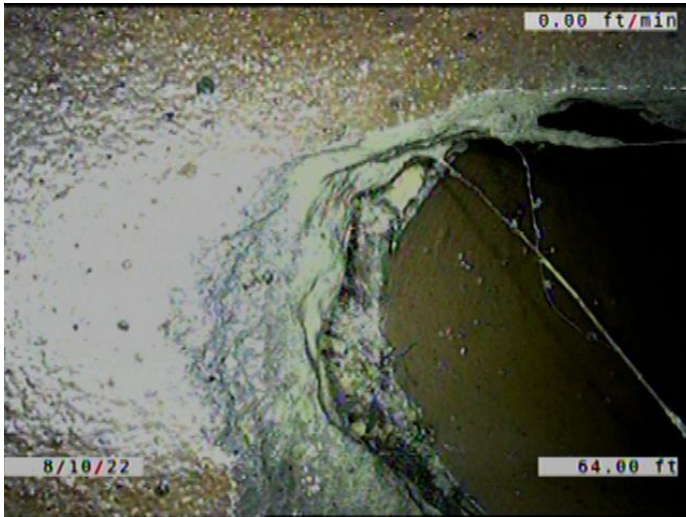
Distance (ft): **44.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code:	TF
Description:	Tap Factory
Distance (ft):	48.3
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:	LOOKS CAPPED BUT CANT TELL FOR SURE. SERVICE OFFSET AND ANGLED

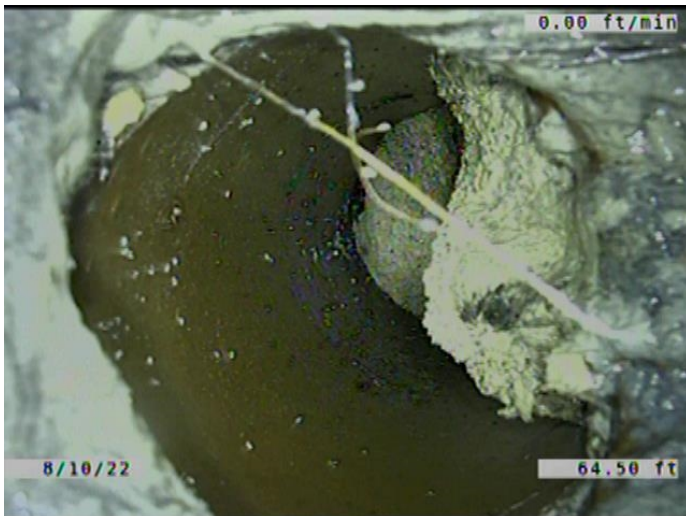


Code:	TF
Description:	Tap Factory
Distance (ft):	50.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	SERVICE OFFSET AND ANGLED.



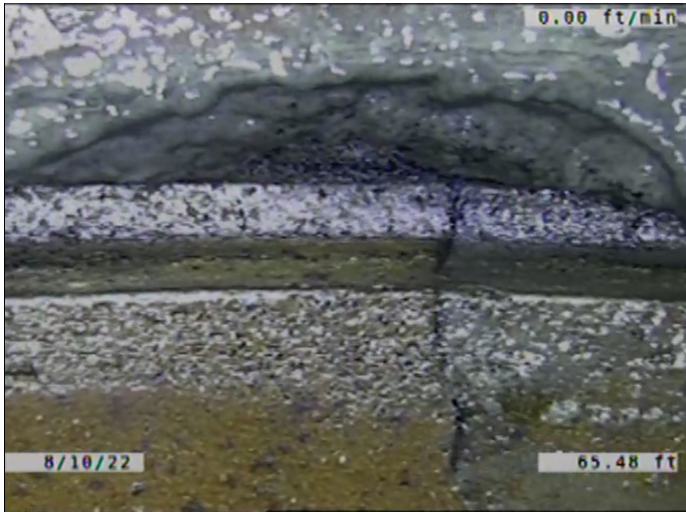
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **64.0**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **1**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



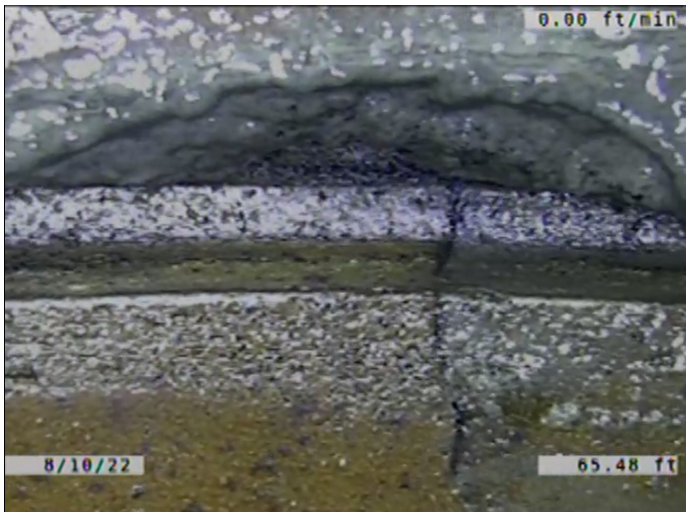
Code: **TBD**
 Description: **Tap Break-in/Hammer Defective**

Distance (ft): **64.5**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **2**
 Clock To:
 1st Value: **4.000**
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **ROOTS GROWING FROM THE JOINT. SERVICE LOOKS TO BE PLUGGED WIT**



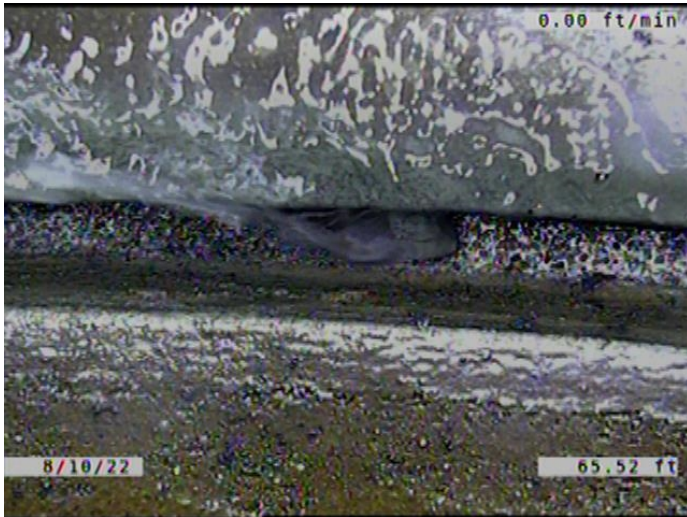
Code: **SSS**
 Description: **Surface Damage Surface Spalling**

Distance (ft): **65.5**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **2**
 Clock To: **3**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



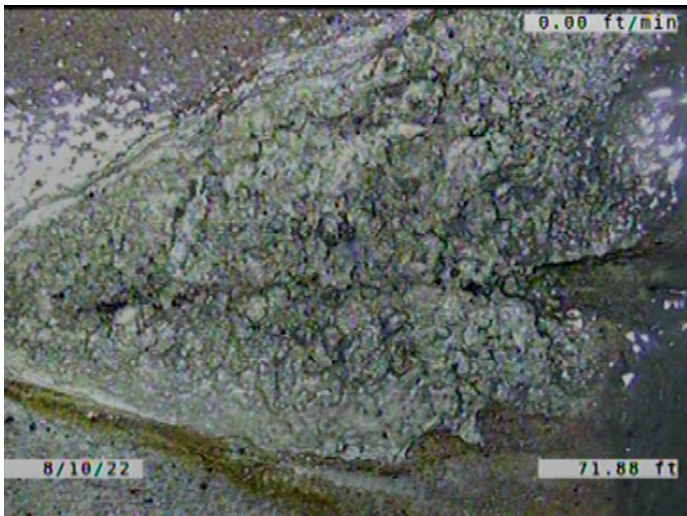
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **65.5**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



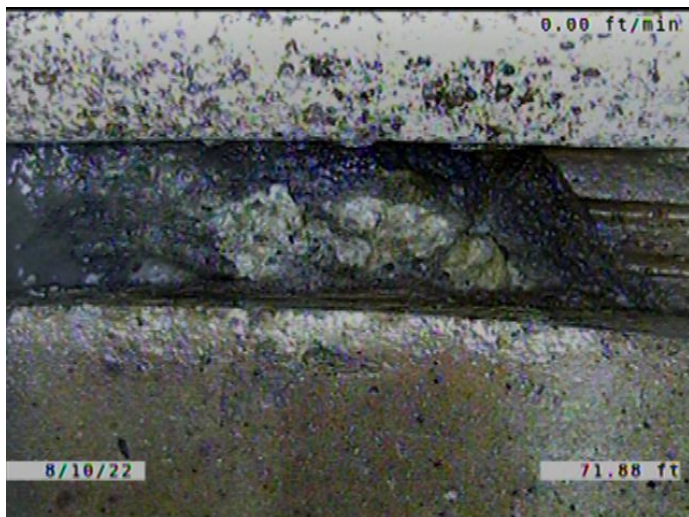
Code: **IRJ**
 Description: **Infiltration Runner Joint**

Distance (ft): **65.5**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **11**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



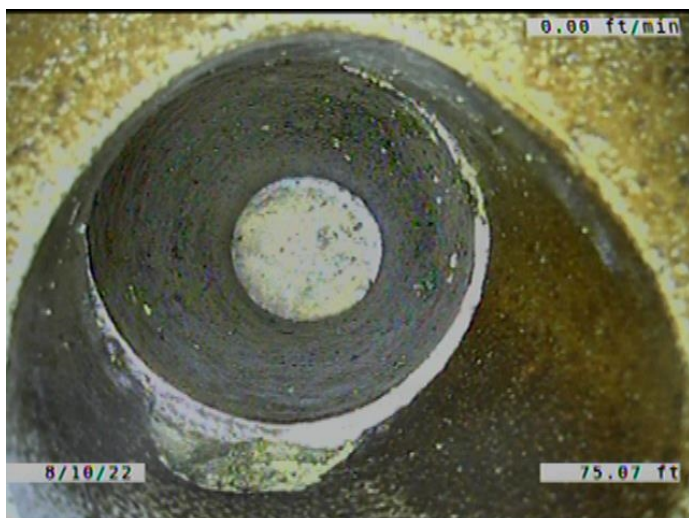
Code: **DAE**
 Description: **Deposits Attached Encrustation**

Distance (ft): **71.9**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **9**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **71.9**
 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:

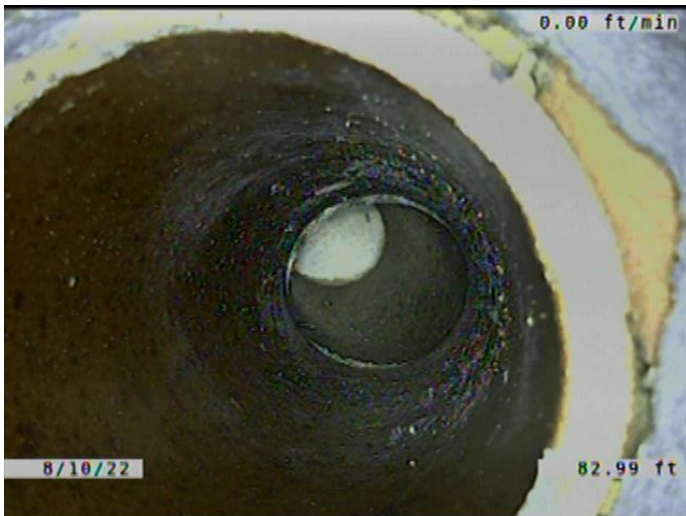


Code: **TFD**
 Description: **Tap Factory Defective**

Distance (ft): **75.1**
 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. PART MISSING. CAPPED.**



Code:	SSS
Description:	Surface Damage Surface Spalling
Distance (ft):	81.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

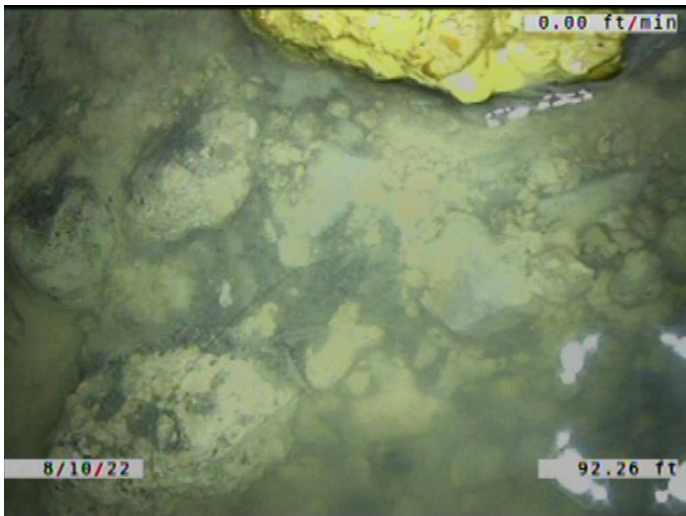


Code:	TBD
Description:	Tap Break-in/Hammer Defective
Distance (ft):	83.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	LOOKS CAPPED BUT CANT TELL FOR SURE.



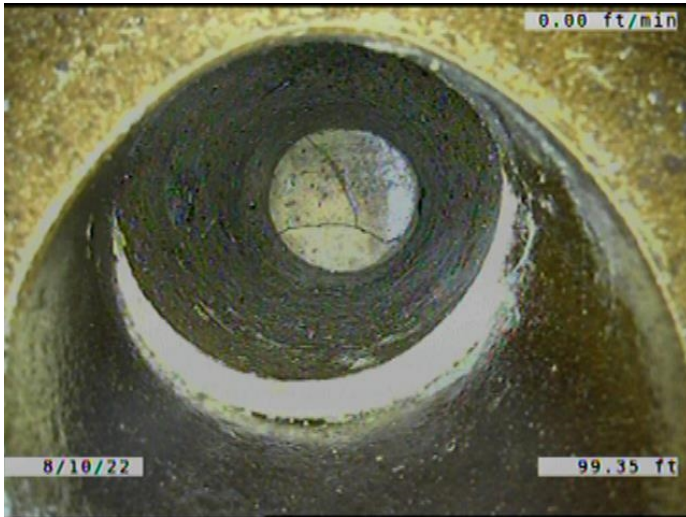
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **89.7**
 Structural Grade: **2**
 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: **DSC**
 Description: **Deposits Settled Hard/Compacted**

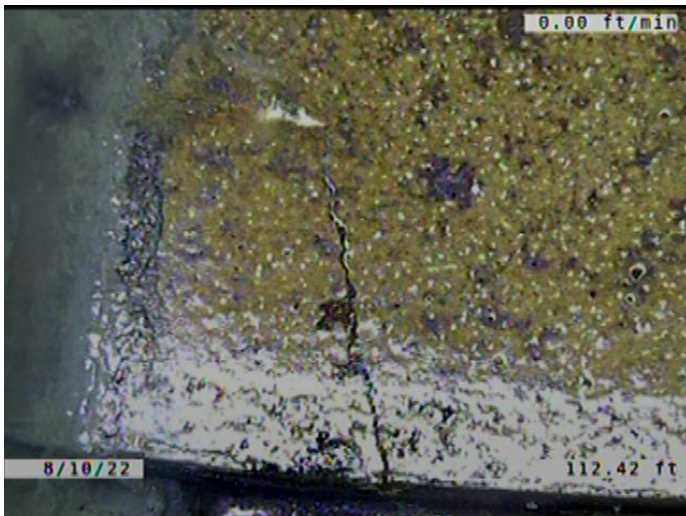
Distance (ft): **92.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **5**
 Clock To: **7**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **99.4**
 Structural Grade: **0**
 O&M Grade: **3**
 Clock Start/From: **1**
 Clock To:
 1st Value: **6.000**

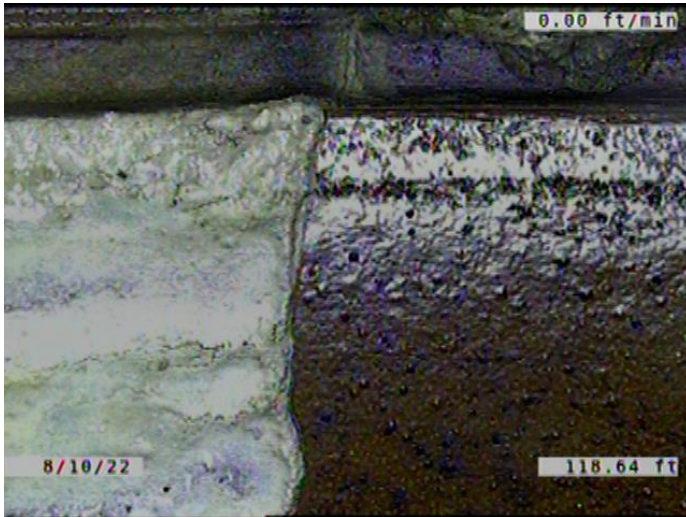
2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks: **SERVICE OFFSET. CAPPED. CAP BROKEN.**



Code: **CS**
 Description: **Crack Spiral**

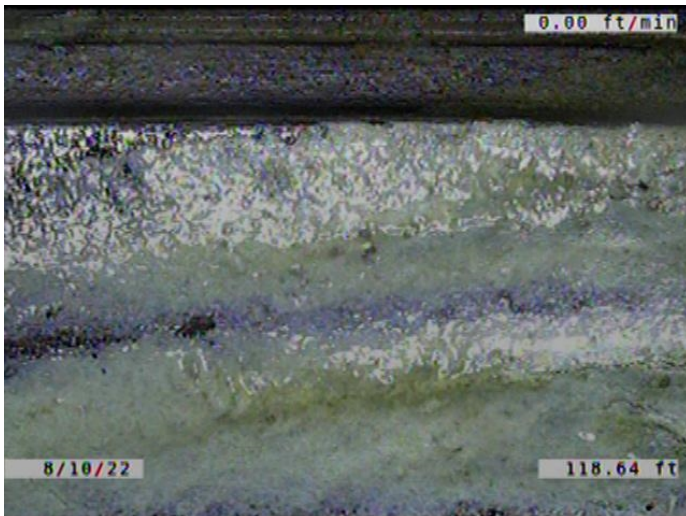
Distance (ft): **112.4**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **3**
 Clock To: **4**

1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



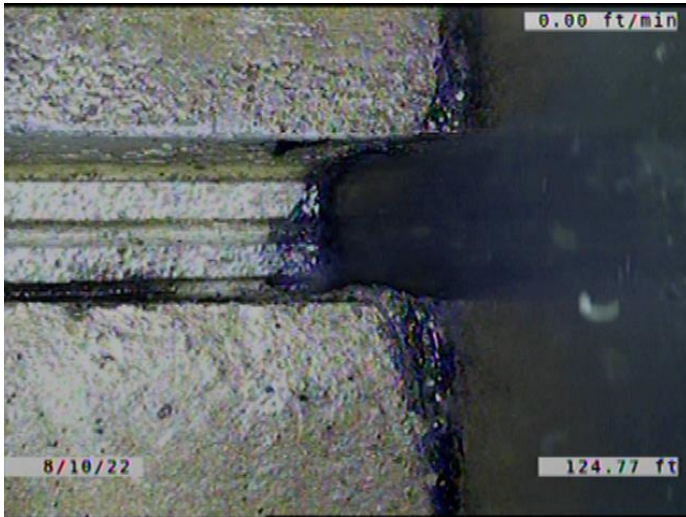
Code: **CL**
 Description: **Crack Longitudinal**

Distance (ft): **118.6**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From: **11**
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **118.6**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **8**
 Clock To: **11**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **124.8**
 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: **AMH**
 Description: **Manhole**

Distance (ft): **142.2**
 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-504-071**