Profile/Photo Observation Report



Date: 10/15/2021 **PACP 7.0** Weather: Coding: Pipe Length (ft): 334.1 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-704-017-016 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 10/12/2021 Shape: C

Street: North Michigan Avenue 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: VCP

Drain Area: Lining:

Category: NA

Comment:

Location Details: Direction of Survey: **Downstream**

US MH: M-704-017 DS MH: M-704-016 Total Length Surveyed (ft): 334.1

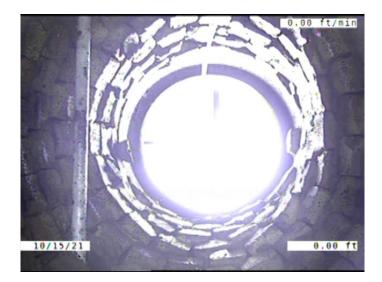
2.07 230.00 O&M Index: O&M Quick: O&M Rating: 2.87 5443 261.00 Structural Rating: Structural Index: Structural Quick: 2.43 491.00 5444 Overall Quick: Overall Index: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
M-704-	017				
	0. /	AMH	Manhole	1	NA
- 11	\0	MWL	Miscellaneous Water Level	58	NA
- 11	11.9	MWLS(S01)	Miscellaneous Water Level Sag	120	S 2
- 11	13.3	TFC	Tap Factory Capped	148	NA
	16.9	BSV	Broken Soil Visible	216	S 5
- 11	17.3	TBD	Tap Break-in/Hammer Defective	255	M 3
- 11	21.7	DAR(S02)	Deposits Attached Ragging	301	M 2
- 11	30.2	TFC	Tap Factory Capped	347	NA
- 11	30.2	DAR(F02)	Deposits Attached Ragging	363	M 2
8	30.2	DSF(S03)	Deposits Settled Fine	371	M 2
Camera Direction	40.3	RFJ(SO4)	Roots Fine Joint	496	M 1
ig	40.3	CM	Crack Multiple	547	S 3
ner.	43.2	DAR	Deposits Attached Ragging	577	M 2
Саг	43.2	BSV	Broken Soil Visible	600	S 5
	43.2	MWLS(F01)	Miscellaneous Water Level Sag	629	S 2
	49.2	RMJ	Roots Medium Joint	684	M 3
1	50.1	TFD	Tap Factory Defective	709	M 3
	62.8	MWLS(S05)	Miscellaneous Water Level Sag	777	S 2
	74.6	TFD	Tap Factory Defective	886	M 3

80.0	RMJ(S06)	Roots Medium Joint	967	M 3
80.0	RFJ(F04)	Roots Fine Joint	978	M 1
///87.0	TFD	Tap Factory Defective	1058	M 3
/ //89.5	CM(S07)	Crack Multiple	1148	S 3
96.3	RTJ	Roots Tap Joint	1251	M 2
96.3	В	Broken	1290	S 4
96.3	TBI	Tap Break-in Intruding	1310	M 2
96.3	MWLS(F05)	Miscellaneous Water Level Sag	1325	S 2
103.4	SSS	Surface Damage Surface Spalling	1390	S 2
// 111.4	MWLS(S08)	Miscellaneous Water Level Sag	1449	S 2
//118.4	TFC	Tap Factory Capped	1519	NA
//120.5	TFD	Tap Factory Defective	1570	M 3
127.2	MWLS(F08)	Miscellaneous Water Level Sag	1630	S 2
129.4	SZ	Surface Damage Other	1672	NA
133.7	MWLS(S09)	Miscellaneous Water Level Sag	1713	S 2
142.3	MWLS(F09)	Miscellaneous Water Level Sag	1775	S 2
145.6	RMJ(F06)	Roots Medium Joint	1800	M 3
150.8	JAM	Joint Angular Medium	1837	S 3
150.8	В	Broken	1898	S 4
152.5	BSV	Broken Soil Visible	1948	S 5
152.6	TBI	Tap Break-in Intruding	1981	M 2
152.6	RFB	Roots Fine Barrel	2012	M 2
155.1	JAM	Joint Angular Medium	2055	S 3
157.9	TFC	Tap Factory Capped	2089	NA
160.7	MWLS(S10)	Miscellaneous Water Level Sag	2126	S 2
163.2	JAM	Joint Angular Medium	2154	S 3
165.3	JAM	Joint Angular Medium	2197	S 3
//// //// 166.2	TF	Tap Factory	2226	NA
///// 175.2	MWLS(F10)	Miscellaneous Water Level Sag	2298	S 2
/// _{175.5}	DAE	Deposits Attached Encrustation	2323	M 2
^{//} // 190.7	JAM	Joint Angular Medium	2397	S 3
193.2	TFC	Tap Factory Capped	2430	NA
195.9	TFC	Tap Factory Capped	2460	NA
195.9	LR	Line Right	2478	M 1
196.0	SZ(S11)	Surface Damage Other	2512	NA
200.7	SZ(F11)	Surface Damage Other	0	NA
210.9	SZ(S12)	Surface Damage Other	68	NA
216.0	SZ(F12)	Surface Damage Other	101	NA
218.6	BSV	Broken Soil Visible	136	S 5
] <u> </u> 218.6	RFB	Roots Fine Barrel	155	M 2
220.0	TBI	Tap Break-in Intruding	176	M 2
220.1	TFD	Tap Factory Defective	216	M 3

	224.2	SZ	Surface Damage Other	263	NA
-////	233.7	TFC	Tap Factory Capped	310	NA
	242.3	TFC	Tap Factory Capped	381	NA
]//	264.5	TFC	Tap Factory Capped	489	NA
]]]	266.3	SSS	Surface Damage Surface Spalling	539	S 2
ا	266.8	TBI	Tap Break-in Intruding	569	M 2
\parallel	272.2	TFC	Tap Factory Capped	625	NA
Ш	275.0	DAR	Deposits Attached Ragging	669	M 2
-/	275.2	RFJ(S13)	Roots Fine Joint	717	M 1
\parallel	278.1	TF	Tap Factory	756	NA
1	286.9	RFJ(F13)	Roots Fine Joint	807	M 1
	292.9	LL	Line Left	844	M 1
	293.6	JAM	Joint Angular Medium	859	S 3
I	297.4	SZ	Surface Damage Other	892	NA
	297.4	LR	Line Right	904	M 1
M	297.7	JAM	Joint Angular Medium	919	S 3
Ш	300.8	TFD	Tap Factory Defective	955	M 3
╢	302.8	TFC	Tap Factory Capped	985	NA
	304.0	SZ(S14)	Surface Damage Other	1031	NA
	307.8	JAM	Joint Angular Medium	1065	S 3
4	307.8	SZ(F14)	Surface Damage Other	1083	NA
	310.0	JAM	Joint Angular Medium	1105	S 3
	311.5	SZ	Surface Damage Other	1147	NA
IIII	311.5	LR	Line Right	1160	M 1
	311.9	JAL	Joint Angular Large	1178	S 4
	318.1	JAM	Joint Angular Medium	1230	S 3
	1	RFJ	Roots Fine Joint	1275	M 1
╢	l	JAM	Joint Angular Medium	1303	S 3
	ll	TFC	Tap Factory Capped	1339	NA
	ll	MWLS(S15)	Miscellaneous Water Level Sag	1361	S 3
1111	ll.		•	1386	M 2
- /∭	II				NA
$\parallel \parallel \parallel$	И.				M 4
-'////	l		Miscellaneous Material Change		NA
-\\\\	330.9	• •	Crack Multiple	1461	S 3
	/333.4	DSF(F03)	Deposits Settled Fine	1529	M 2
₩/	/334.0	MWLS(F15)	Miscellaneous Water Level Sag	1544	S 3
_//	334.1	AMH	Manhole	1594	NA
		233.7 242.3 264.5 266.3 266.8 272.2 275.0 275.2 278.1 286.9 292.9 293.6 297.4 297.4 297.7 300.8 302.8 304.0 307.8 307.8 310.0 311.5 311.5 311.5 311.9 318.1 322.2 324.3 327.2 327.5 328.7 330.2 330.9 330.9 330.9 330.9 330.9 333.4	233.7 TFC 242.3 TFC 264.5 TFC 266.3 SSS 266.8 TBI 272.2 TFC 275.0 DAR 275.2 RFJ(S13) 278.1 TF 286.9 RFJ(F13) 292.9 LL 293.6 JAM 297.4 SZ 297.4 LR 297.7 JAM 300.8 TFD 302.8 TFC 304.0 SZ(S14) 307.8 JAM 307.8 JAM 307.8 JAM 307.8 SZ(F14) 311.5 SZ 311.5 LR 311.9 JAL 318.1 JAM 322.2 RFJ 324.3 JAM 327.2 TFC 327.5 MWLS(S15) 328.7 DAGS 330.9 MCU 330.9 MMC 330.9 CM(F07) 333.4 DSF(F03) 334.0 MWLS(F15)	233.7 TFC Tap Factory Capped 242.3 TFC Tap Factory Capped 264.5 TFC Tap Factory Capped 266.3 SSS Surface Damage Surface Spalling 276.8 TBI Tap Break-in Intruding 277.2 TFC Tap Factory Capped 275.0 DAR Deposits Attached Ragging 275.2 RFJ[S13] Roots Fine Joint 278.1 TF Tap Factory 286.9 RFJ[F13] Roots Fine Joint 292.9 LL Line Left 293.6 JAM Joint Angular Medium 297.4 SZ Surface Damage Other 297.7 JAM Joint Angular Medium 300.8 TFD Tap Factory Defective 302.8 TFC Tap Factory Capped 304.0 SZ[S14] Surface Damage Other 307.8 JAM Joint Angular Medium 307.8 SZ[F14] Surface Damage Other 310.0 JAM Joint Angular Medium 311.5 SZ Surface Damage Other 311.5 LR Line Right 311.9 JAL Joint Angular Medium 322.2 RFJ Roots Fine Joint 324.3 JAM Joint Angular Medium 327.5 MWLS[S15] Miscellaneous Water Level Sag 330.9 MCU Miscellaneous Water Level Sag 330.9 CM(F07) Crack Multiple 333.4 DSF[F03] Deposits Settled Fine MWLS[F15] Miscellaneous Water Level Sag 330.9 CM(F07) Crack Multiple 333.4 DSF[F03] Deposits Settled Fine MWLS[F15] Miscellaneous Water Level Sag 330.9 MWLS[F15] Miscellaneous Water Level Sag 330.9 MMC Miscellaneous Water Level Sag MMC Mis	233.7 TFC

M(704)016



Code: AMH Description: Manhole

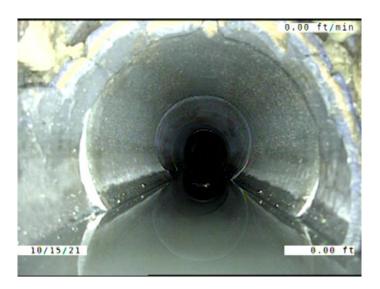
Distance (ft): .0 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: M-704-017



MWL Code:

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: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

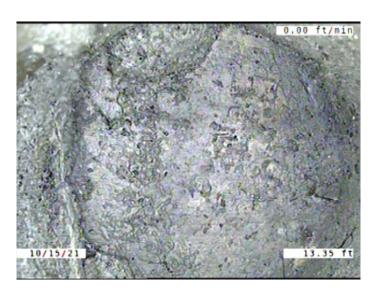
Distance (ft): 11.9
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S01
Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 13.3
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 10

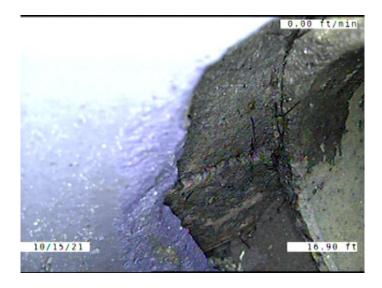
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: BSV

Description: Broken Soil Visible

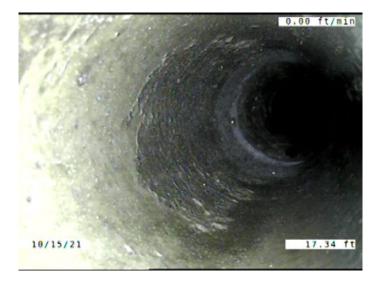
Distance (ft): 16.9
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 12
Clock To: 3

1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TBD**

Description: Tap Break-in/Hammer Defective

Distance (ft): 17.3
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: **Defective**



Code: DAR

Description: Deposits Attached Ragging

Distance (ft): 21.7
Structural Grade: 0

O&M Grade: 2

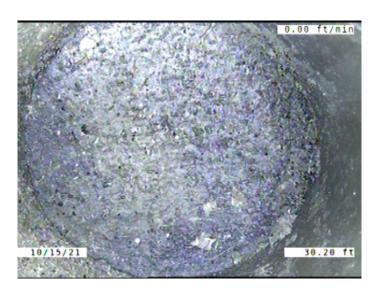
Clock Start/From: 4

Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S02
Within 8" of Joint: YES

Remarks:



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 30.2
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:



Code: DAR

Description: Deposits Attached Ragging

Distance (ft): 30.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F02
Within 8" of Joint: YES

Remarks:



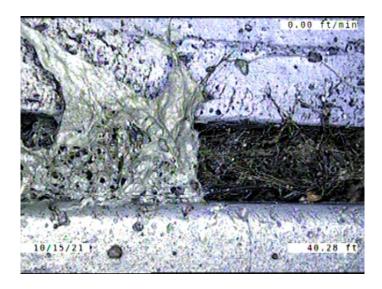
Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 30.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:
2nd Value:

Value Percent: 5.000
Continuous Index: S03
Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 40.3
Structural Grade: 0

O&M Grade: 1

Clock Start/From: 8

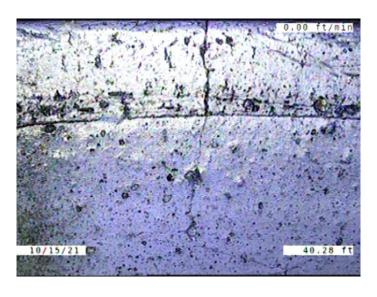
Clock To: 4

1st Value:

1st Value: 2nd Value: Value Percent:

Continuous Index: **S04**Within 8" of Joint: **YES**

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 40.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 10
Clock To: 11
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: DAR

Description: Deposits Attached Ragging

Distance (ft): 43.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

Code: BSV

Description: Broken Soil Visible

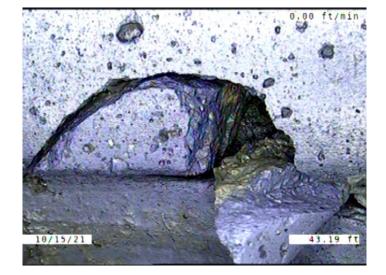
YES

Distance (ft): 43.2
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 2
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:





Code: MWLS

Description: Miscellaneous Water Level Sag

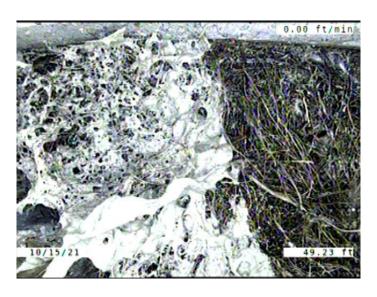
Distance (ft): 43.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: F01
Within 8" of Joint: NO

Remarks:



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 49.2
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 8

Clock To: 4

1st Value:

Value Percent: 5.000

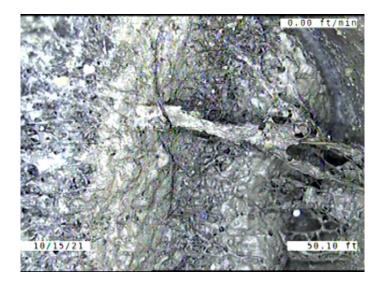
Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:

.



Code: **TFD**

Description: **Tap Factory Defective**

Distance (ft): 50.1 Structural Grade: 0 3 O&M Grade: Clock Start/From: 10

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: 100% PLUGGED



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 62.8 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000 Continuous Index: **S05** Within 8" of Joint: NO

Remarks:



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 74.6
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 2

Clock To:

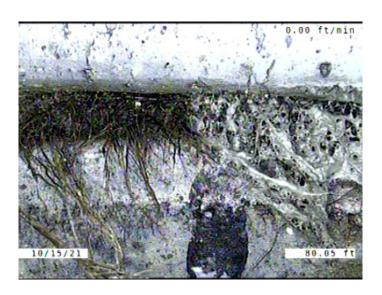
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: LOOKS CAPPED BUT MOSTLY

COVERED WITH ROOTS



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 80.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 9
Clock To: 4
1st Value:

Value Percent: 5.000
Continuous Index: S06
Within 8" of Joint: YES

Remarks:

2nd Value:

in 8" of Joint:



Code: RFJ

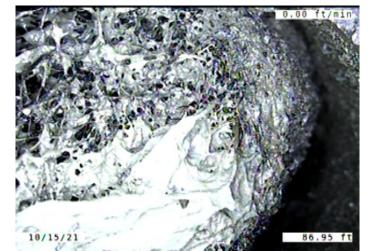
Description: Roots Fine Joint

Distance (ft): 80.0
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value: Value Percent:

Continuous Index: F04
Within 8" of Joint: YES

Remarks:



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 87.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 10

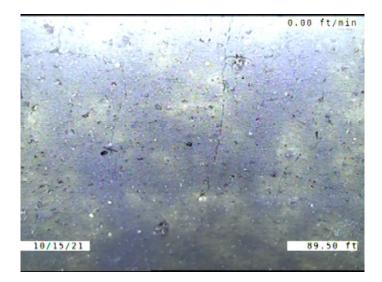
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: LOOKS TO BE 100% PLUGGED

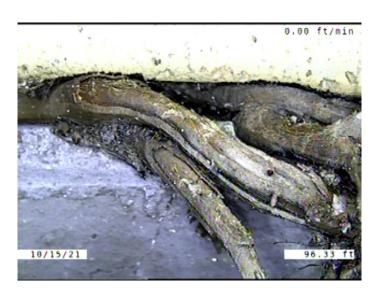


Code: CM Description: **Crack Multiple**

Distance (ft): 89.5 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 8 Clock To: 4 1st Value: 2nd Value: Value Percent:

Continuous Index: **S07** Within 8" of Joint: YES

Remarks:



RTJ Code: Description: **Roots Tap Joint**

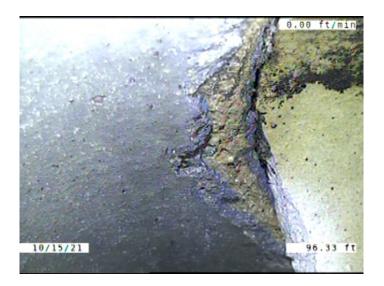
Distance (ft): 96.3 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 9 3 Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: B
Description: Broken

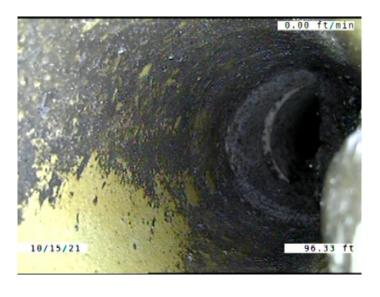
Distance (ft): 96.3
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 12
Clock To: 3

1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint:

Remarks:



Code: TBI

Description: Tap Break-in Intruding

YES

Distance (ft): 96.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

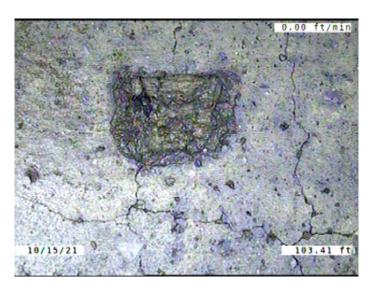
Distance (ft): 96.3
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: F05
Within 8" of Joint: NO

Remarks:



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 103.4
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 2
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 111.4
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S08
Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 118.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

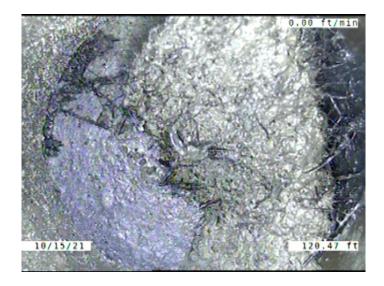
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFD**

Description: **Tap Factory Defective**

Distance (ft): 120.5 Structural Grade: 0 3 O&M Grade: Clock Start/From: 2

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: LOOKS TO BE CAPPED BUT MOSTLY

COVERED WITH ROOTS



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

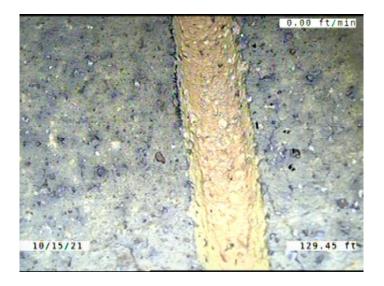
Distance (ft): 127.2 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000 Continuous Index: F08 Within 8" of Joint: NO

Remarks:



Code: SZ

Description: **Surface Damage Other**

129.4 Distance (ft): Structural Grade: 0 O&M Grade: 0 Clock Start/From: 8

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **GROOVE IN THE PIPE WALL**



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 133.7 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 Continuous Index: **S09** Within 8" of Joint: NO

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

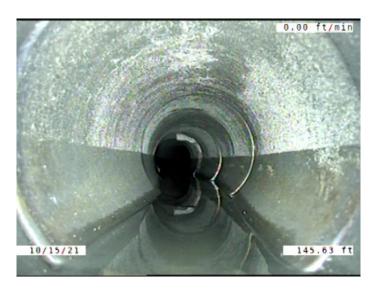
Distance (ft): 142.3 Structural Grade: 2 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 F09 Continuous Index: Within 8" of Joint: NO

Remarks:



Code: RMJ

Description: **Roots Medium Joint**

Distance (ft): 145.6 Structural Grade: 0 O&M Grade: 3 Clock Start/From: 9 Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: F06 Within 8" of Joint: YES

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 150.8
Structural Grade: 3
O&M Grade: 0

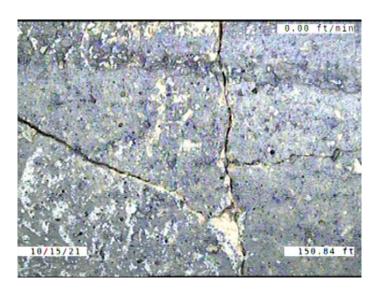
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: B
Description: Broken

Distance (ft): 150.8
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 7

Clock To: 5

1st Value: 2nd Value: Value Percent: Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: BSV

Description: Broken Soil Visible

Distance (ft): 152.5
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 12
Clock To: 3

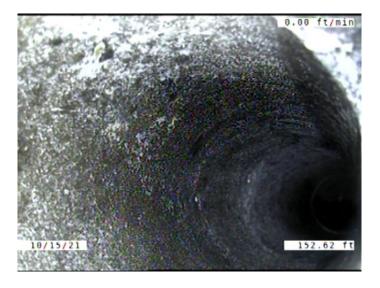
Clock To:
1st Value:
2nd Value:
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 152.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

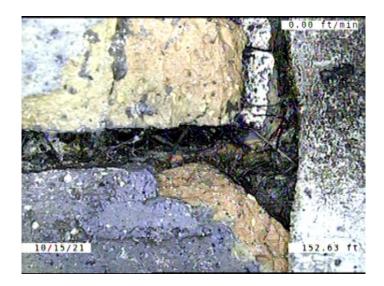
 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: **RFB**

Description: **Roots Fine Barrel**

Distance (ft): 152.6 Structural Grade: 0 O&M Grade: 2

Clock Start/From: 9 Clock To: 3

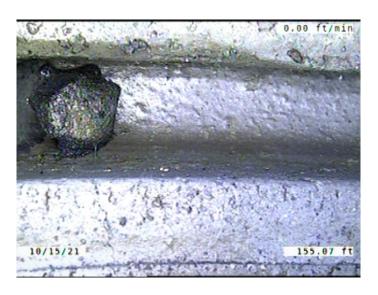
1st Value: 2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: JAM

Description: Joint Angular Medium

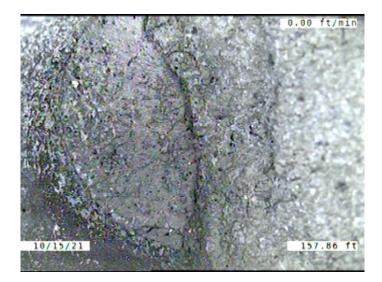
Distance (ft): 155.1 Structural Grade: 3 O&M Grade: 0

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): 157.9 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:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

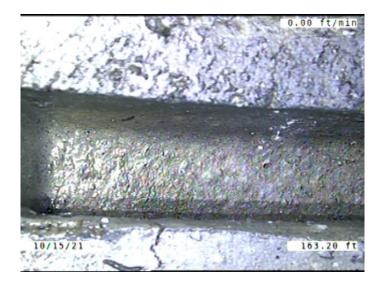
Distance (ft): 160.7 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

10.000 Value Percent: Continuous Index: **S10** Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 163.2
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: JAM

Description: Joint Angular Medium

Distance (ft): 165.3
Structural Grade: 3
O&M Grade: 0

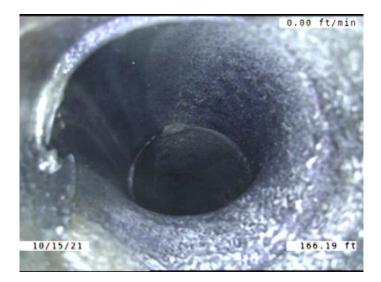
Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks:

ırks:



Code: TF

Description: **Tap Factory**

Distance (ft): 166.2 Structural Grade: 0 0 O&M Grade: Clock Start/From: 10

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 175.2 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 Continuous Index: F10 Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 175.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 8

1st Value:

2nd Value:

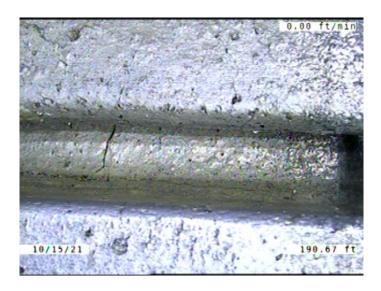
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 190.7
Structural Grade: 3
O&M Grade: 0

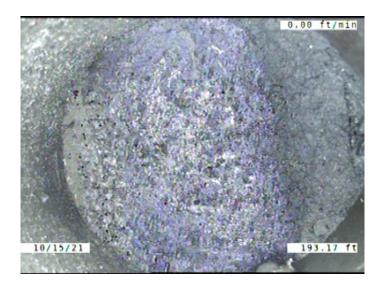
Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: NO

Remarks:

rke :



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 193.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

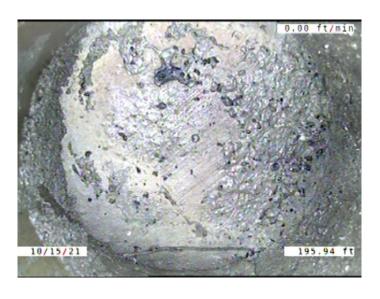
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 195.9
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 10

Clock To:

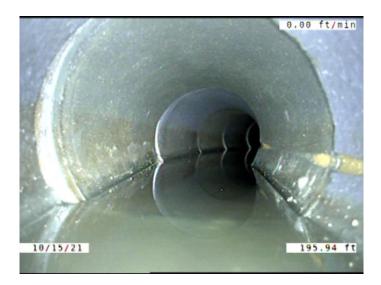
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

·C1



Code: LR

Description: Line Right

Distance (ft): 195.9
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: SZ

Description: Surface Damage Other

Distance (ft): 196.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 3
Clock To: 4

1st Value: 2nd Value: Value Percent:

Continuous Index: S11
Within 8" of Joint: YES

Remarks: GROOVE IN THE PIPE WALL



Code: SZ

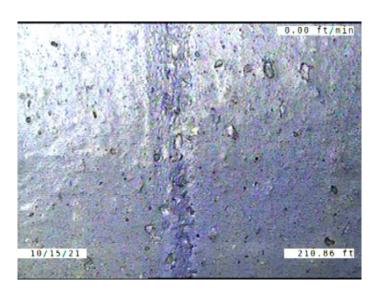
Description: **Surface Damage Other**

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

1st Value: 2nd Value: Value Percent:

Continuous Index: F11

Within 8" of Joint: YES Remarks: **GROOVE IN THE PIPE WALL**



Code: SZ

Description: **Surface Damage Other**

Distance (ft): 210.9 Structural Grade: 0 O&M Grade: 0

Clock Start/From: 9

1st Value: 2nd Value: Value Percent:

Clock To:

Continuous Index: **S12** Within 8" of Joint: YES

Remarks: **GROOVE IN THE PIPE WALL**



Code: SZ

Description: Surface Damage Other

Distance (ft): 216.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 9

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F12
Within 8" of Joint: YES

Remarks: GROOVE IN THE PIPE WALL



Code: BSV

Description: Broken Soil Visible

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

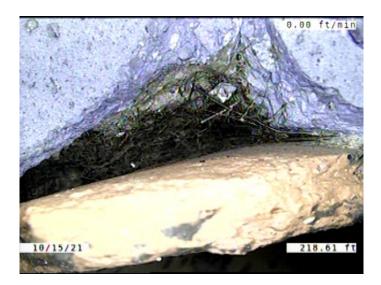
2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: RFB

Description: Roots Fine Barrel

Distance (ft): 218.6
Structural Grade: 0

Structural Grade: 0

O&M Grade: 2

Clock Start/From: 1

Clock To: 4

1st Value: 2nd Value:

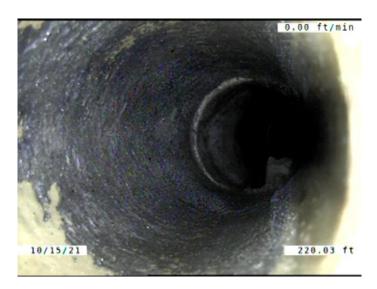
Value Percent: Continuous Index:

Millian Oll of Laint

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 220.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3

Clock To:

 1st Value:
 4.000

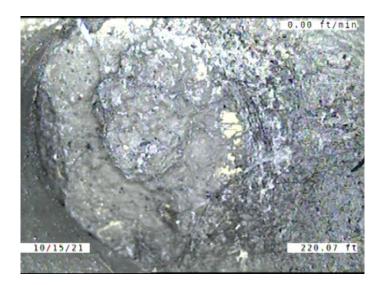
 2nd Value:
 2.000

Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 220.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

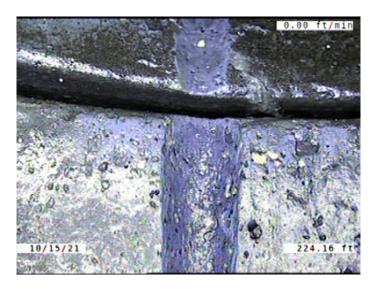
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective**



Code: SZ

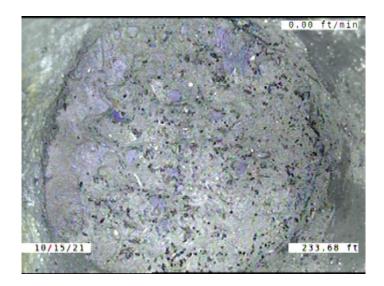
Description: Surface Damage Other

Distance (ft): 224.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 3

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks: GROOVE IN THE PIPE WALL



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 233.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

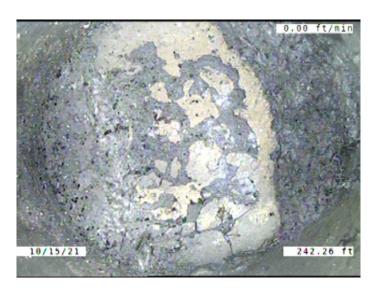
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 242.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

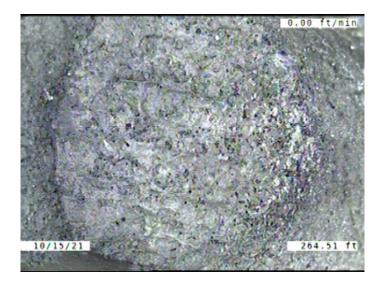
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 264.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

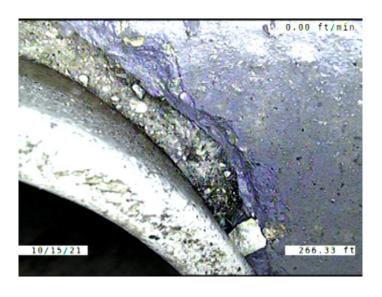
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



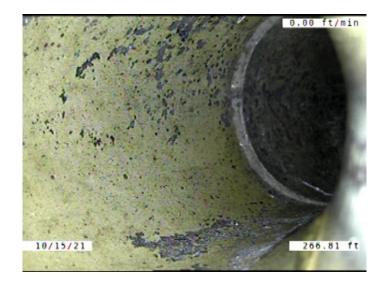
Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 266.3
Structural Grade: 2
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: TBI

Description: Tap Break-in Intruding

Distance (ft): 266.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

 1st Value:
 4.000

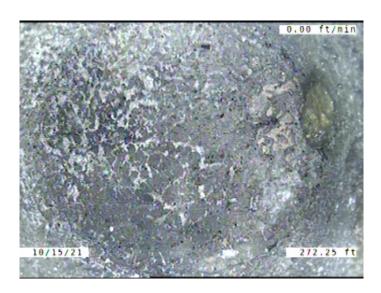
 2nd Value:
 2.000

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: TFC

Description: Tap Factory Capped

Distance (ft): 272.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

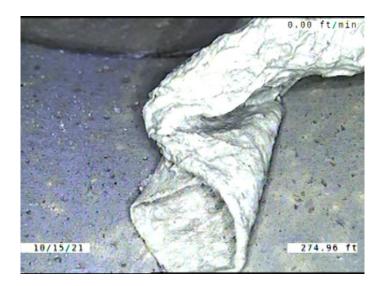
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAR

Description: Deposits Attached Ragging

Distance (ft): 275.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 10

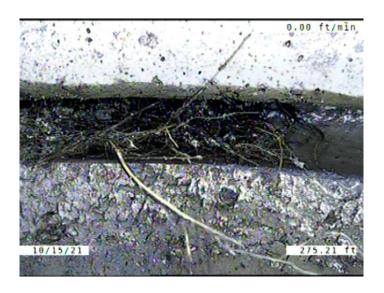
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 275.2
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Continuous Index: \$13
Within 8" of Joint: YES

Remarks:



Code: **TF**

Description: Tap Factory

Distance (ft): 278.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

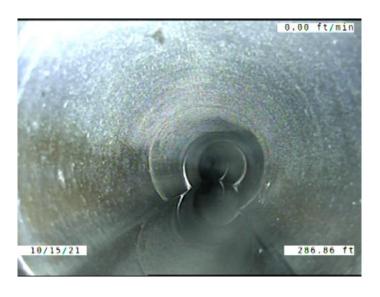
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



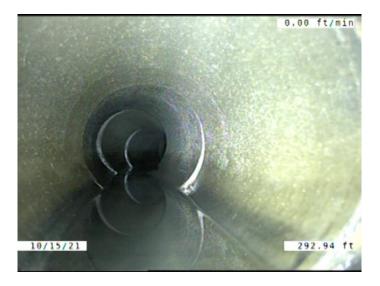
Code: RFJ

Description: Roots Fine Joint

Distance (ft): 286.9
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Continuous Index: F13
Within 8" of Joint: YES

Remarks:



Code: LL

Description: Line Left

Distance (ft): 292.9
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

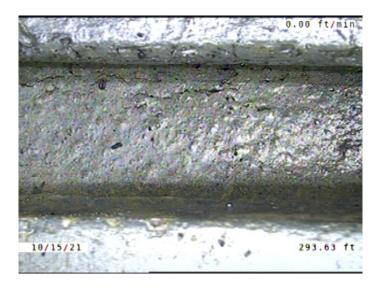
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 293.6
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): 297.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 4
Clock To: 5

1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks: GROOVE IN THE PIPE WALL



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Code: LR

Description: Line Right

Distance (ft): 297.4
Structural Grade: 0

O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

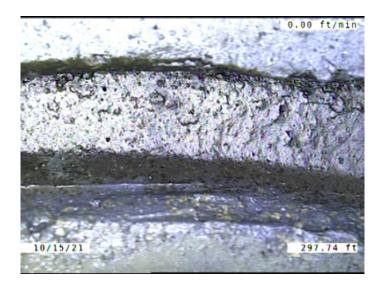
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

41

Remarks:



Description: Joint Angular Medium

Distance (ft): 297.7
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 300.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

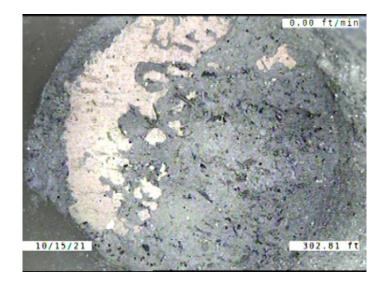
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: 100% PLUGGED



Code: TFC

Description: **Tap Factory Capped**

Distance (ft): 302.8 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 10

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

YES

Remarks:



Code: SZ

Description: **Surface Damage Other**

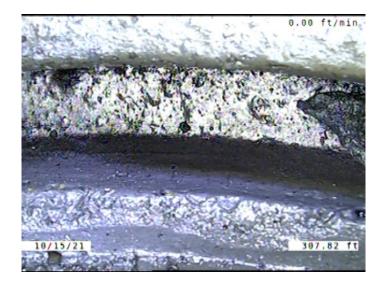
Distance (ft): 304.0 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 8 9 Clock To:

1st Value: 2nd Value: Value Percent:

Continuous Index: **S14** Within 8" of Joint: YES

GROOVE IN THE PIPE WALL Remarks:

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Description: Joint Angular Medium

Distance (ft): 307.8
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: SZ

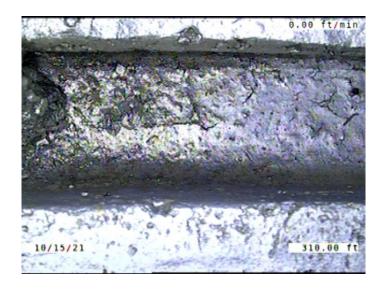
Description: Surface Damage Other

Distance (ft): 307.8
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 8
Clock To: 9
1st Value:

1st Value: 2nd Value: Value Percent:

Continuous Index: F14
Within 8" of Joint: YES

Remarks: GROOVE IN THE PIPE WALL



Description: Joint Angular Medium

Distance (ft): 310.0
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: SZ

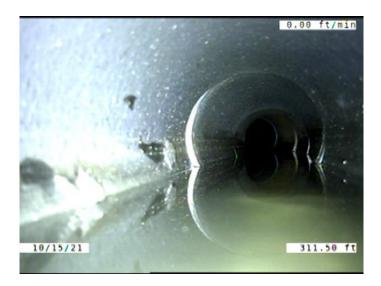
Description: Surface Damage Other

Distance (ft): 311.5
Structural Grade: 0
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: GROOVE IN THE PIPE WALL



Code: LR

Description: Line Right

Distance (ft): 311.5
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

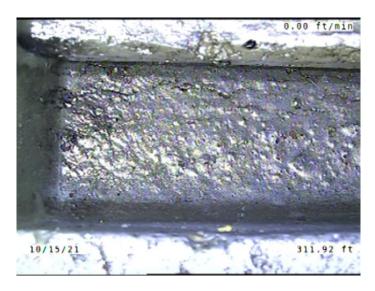
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: JAL

Description: Joint Angular Large

Distance (ft): 311.9
Structural Grade: 4

O&M Grade: 0

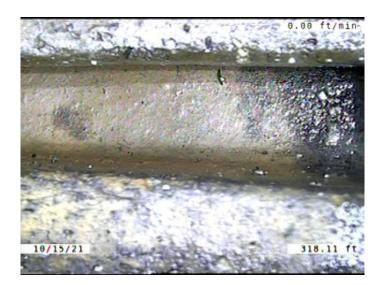
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint: NO

Remarks:



Description: Joint Angular Medium

Distance (ft): 318.1
Structural Grade: 3
O&M Grade: 0

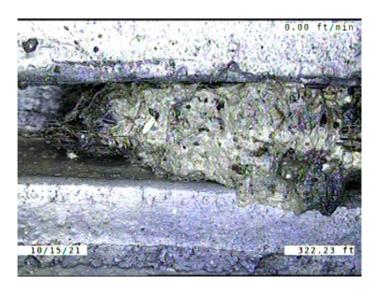
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 322.2
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 12
1st Value:
2nd Value:
Value Percent:

Continuous Index: Within 8" of Joint:

thin 8" of Joint: YES

Remarks:



Description: Joint Angular Medium

Distance (ft): 324.3 Structural Grade: 3 0 O&M Grade:

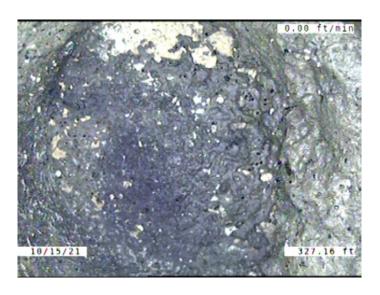
Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



TFC Code:

Description: **Tap Factory Capped**

Distance (ft): 327.2 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:

Remarks:

YES

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Code: MWLS

Description: Miscellaneous Water Level Sag

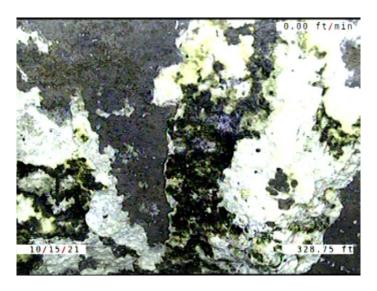
Distance (ft): 327.5
Structural Grade: 3
O&M Grade: 0

Clock To: 1st Value: 2nd Value:

Clock Start/From:

Value Percent: 35.000
Continuous Index: S15
Within 8" of Joint: NO

Remarks:



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 328.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11
Clock To: 1
1st Value:

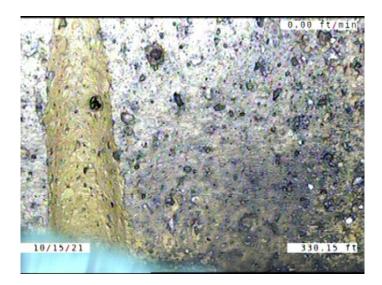
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Code: SZ

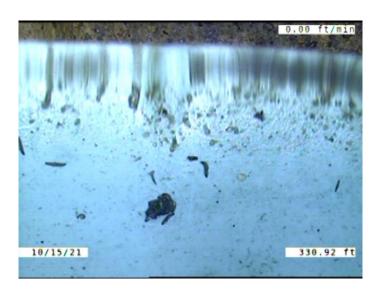
Description: Surface Damage Other

Distance (ft): 330.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12

Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks: GROOVE IN THE PIPE WALL



Code: MCU

Description: Miscellaneous Camera Underwater

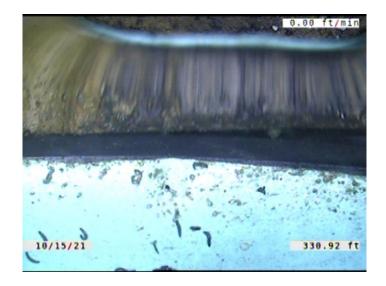
Distance (ft): 330.9
Structural Grade: 0
O&M Grade: 4

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: Out at 331.7



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 330.9
Structural Grade: 0

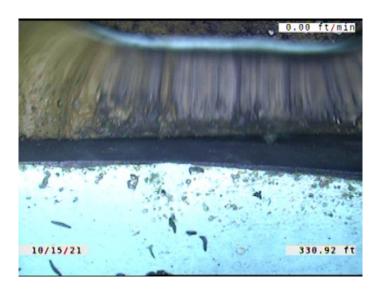
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: VCP TO PVC



Code: CM

Description: Crack Multiple

Distance (ft): 330.9
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Continuous Index: F07
Within 8" of Joint: YES

Remarks:



Code: **DSF**

Description: **Deposits Settled Fine**

Distance (ft): 333.4 Structural Grade: 0 2 O&M Grade: 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: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 334.0 Structural Grade: 3 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 35.000 Continuous Index: F15 Within 8" of Joint: NO

Remarks:

52 Tuesday, April 25, 2023



Code: AMH
Description: Manhole

Distance (ft): 334.1
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-704-016