## **Profile/Photo Observation Report**



Date: 10/22/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 294.0 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-804-021-020 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 09/15/2021 Shape: C

Street: North Illinois Street Flow Control: Not Controlled

City: Hobart, IN Year Renewed: Location: Alley Tape/Media #:

Purpose:Routine AssessmentDia/Height:8"Use:Sanitary Sewage PipeMaterial:VCPDrain Area:Lining:None

Category: NA

Category: NA

Comment:

Location Details: Direction of Survey: **Upstream** 

US MH: M-804-021 DS MH: M-804-020 Total Length Surveyed (ft): 238.4

5141 1.91 183.00 O&M Index: O&M Quick: O&M Rating: 3.00 45.00 Structural Quick: Structural Rating: Structural Index: 2.05 5146 228.00 Overall Quick: Overall Rating: Overall Index:

	Po	osition	Code	Observation	Video (sec)	Grade
M(8	020					
	0.		AMH	Manhole	1	NA
	0.		MWL	Miscellaneous Water Level	11	NA
	1.5	5	MGO	Miscellaneous General Observation	31	NA
	1.5	5	TFC	Tap Factory Capped	44	NA
	2.0	0	DSF(S04)	Deposits Settled Fine	64	M 2
		2	TFC	Tap Factory Capped	86	NA
	$-+\sqrt{11}$	8	CM	Crack Multiple	194	S 3
- 1	14	l.1	В	Broken	246	S 4
- 1	\\\\16	5.1	FM	Fracture Multiple	294	S 4
s T	24	l.1	CM	Crack Multiple	383	S 3
Ē	\\\ <u>28</u>	3.3	RFJ(S01)	Roots Fine Joint	448	M 1
اة	37	<b>'</b> .5	TFC	Tap Factory Capped	516	NA
Camera Direction	\39	0.6	TFC	Tap Factory Capped	554	NA
Car	63	3.9	MMC	Miscellaneous Material Change	697	NA
I	65	5.3	TS	Tap Saddle	748	NA
ļ	66	5.8	MMC	Miscellaneous Material Change	798	NA
	70	).7	DAE	Deposits Attached Encrustation	858	M 2
	77	7.8	FM	Fracture Multiple	923	S 4
	77	7.8	TFC	Tap Factory Capped	950	NA

80.0	TFC	Tap Factory Capped	993	NA
88.7	DAE	Deposits Attached Encrustation	1060	M 2
96.7	RFJ(F01)	Roots Fine Joint	1116	M 1
104.3	CM	Crack Multiple	1170	S 3
110.9	DAZ	Deposits Attached Other	1239	M 2
117.9	JOMD	Joint Offset Medium Defective	1279	S 3
/ 118.6	TFC	Tap Factory Capped	1311	NA
121.2	DAE(S02)	Deposits Attached Encrustation	1381	M 2
122.3	TFC	Tap Factory Capped	1408	NA
131.7	В	Broken	1509	S 4
131.8	IRC	Infiltration Runner Connection	1529	M 4
132.0	TBI	Tap Break-in Intruding	1548	M 2
132.2	DAGS(S03)	Deposits Attached Grease	1568	M 2
\135.3	DAGS(F03)	Deposits Attached Grease	1601	M 2
150.8	DAE	Deposits Attached Encrustation	1728	M 2
160.0	TFC	Tap Factory Capped	1815	NA
162.1	TFC	Tap Factory Capped	1845	NA
164.1	TBI	Tap Break-in Intruding	1905	M 2
168.8	DAE	Deposits Attached Encrustation	1958	M 2
168.9	OBM	Obstruction Pipe Material in Invert	1975	M 2
170.6	MWLS	Miscellaneous Water Level Sag	2005	S 2
189.0	JOM	Joint Offset Medium	2101	S 3
/200.7	TFC	Tap Factory Capped	2161	NA
//202.5	TFC	Tap Factory Capped	2186	NA
//208.9	MWLS(S05)	Miscellaneous Water Level Sag	2227	S 2
//212.5	В	Broken	2293	S 4
214.8	MWLS(F05)	Miscellaneous Water Level Sag	2322	S 2
///219.1	MWLS	Miscellaneous Water Level Sag	2358	S 2
///225.7	MWLS(S06)	Miscellaneous Water Level Sag	2395	S 2
///234.5	TBI	Tap Break-in Intruding	2507	M 2
///234.5	MWLS(F06)	Miscellaneous Water Level Sag	2521	S 2
234.8	DSF	Deposits Settled Fine	2540	M 5
238.4	DSF(F04)	Deposits Settled Fine	2767	M 2
238.4	DAE(F02)	Deposits Attached Encrustation	2775	M 2
238.4	MSA	Miscellaneous Survey Abandoned	2783	NA
804-021				

Thursday, December 30, 2021



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-804-020



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: 5.000

Continuous Index:

Within 8" of Joint: NO



Code: MGO

Description: Miscellaneous General Observation

Distance (ft): 1.5
Structural Grade: 0
O&M Grade: 0

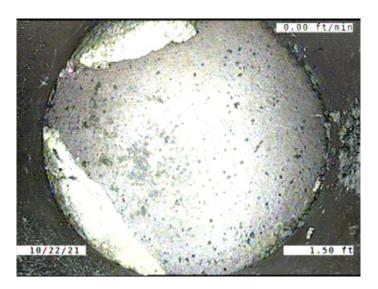
Clock Start/From:

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

Within 8" of Joint: NO

Remarks: **DROP INTO THE MANHOLE. HAD TO** 

START IN THE PIPE.



Code: TFC

Description: Tap Factory Capped

Distance (ft): 1.5
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: ENCUSTATION AROUND THE CAP



Code: **DSF** 

Description: Deposits Settled Fine

Distance (ft): 2.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S04
Within 8" of Joint: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 3.2
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 9

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

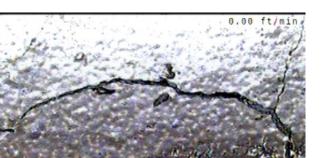
Remarks: ENCRUSTATION AROUND THE CAP



Code: CM

Description: Crack Multiple

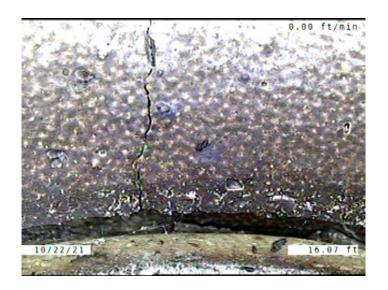
Distance (ft): 11.8 Structural Grade: 3 0 O&M Grade: Clock Start/From: 11 Clock To: 1 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: B
Description: Broken

Distance (ft): 14.1 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 8 Clock To: 10 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: FM
Description: Fracture Multiple

Distance (ft): 16.1
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 7

Clock To: 9

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

Within 8" of Joint:

Remarks:

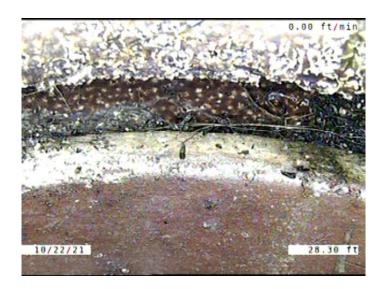


Code: CM

Description: Crack Multiple

YES

Distance (ft): 24.1 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 11 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: RFJ

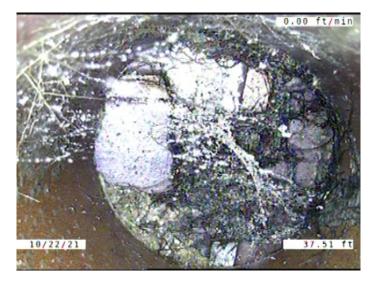
Description: Roots Fine Joint

Distance (ft): 28.3
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 7
Clock To: 5

1st Value: 2nd Value: Value Percent:

Continuous Index: **S01**Within 8" of Joint: **YES** 

Remarks:



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 37.5
Structural Grade: 0

O&M Grade: 0

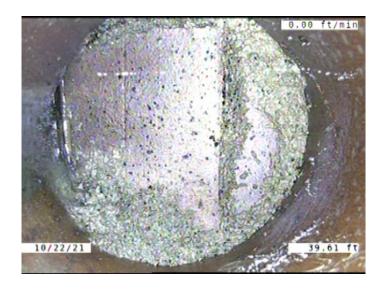
Clock Start/From: 3

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 39.6
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 10

Clock To:

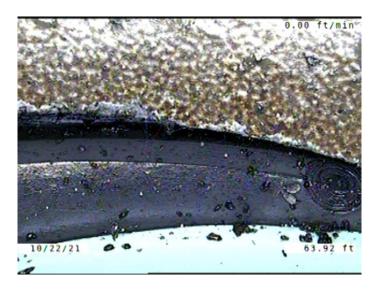
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 63.9
Structural Grade: 0

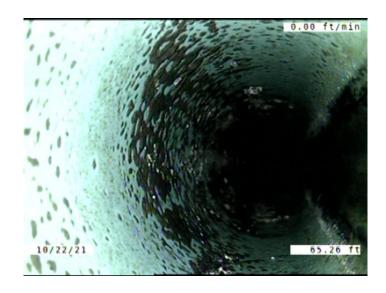
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO PVC



Code: TS

Description: Tap Saddle

Distance (ft): 65.3
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 3

Clock To:

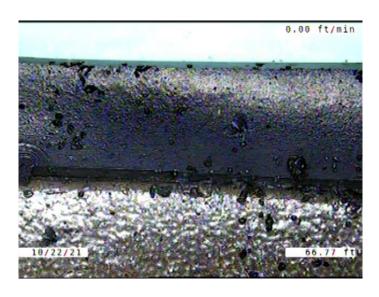
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 66.8
Structural Grade: 0

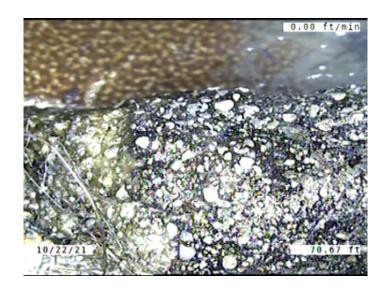
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: **PVC TO VCP** 



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 70.7
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 4

Clock To: 8

1st Value: 2nd Value:

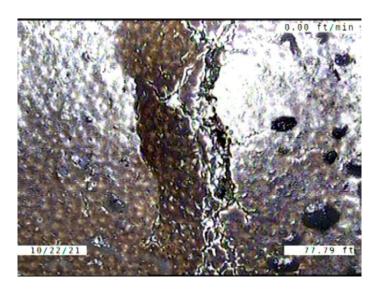
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: FM

Description: Fracture Multiple

Distance (ft): 77.8
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 2
Clock To: 3

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

Remarks:

Within 8" of Joint:

YES



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 77.8
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

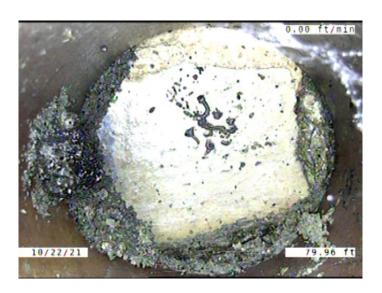
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: ENCUSRUSTATION AROUND THE CAP



Code: TFC

Description: Tap Factory Capped

Distance (ft): 80.0
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: ENCUSTATION AROND THE CAP



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 88.7
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 4

Clock To: 8

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES

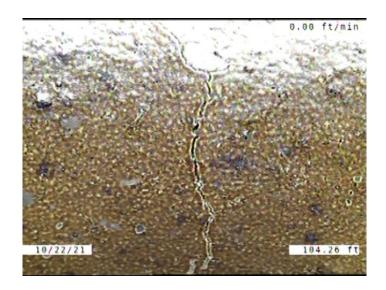


Code: RFJ

Description: Roots Fine Joint

Distance (ft): 96.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 7
Clock To: 5
1st Value:
2nd Value:
Value Percent:

Continuous Index: F01
Within 8" of Joint: YES



Code: CM

Description: Crack Multiple

Distance (ft): 104.3

Structural Grade: 3

O&M Grade: 0

Clock Start/From: 1

Clock To: 2

1st Value: 2

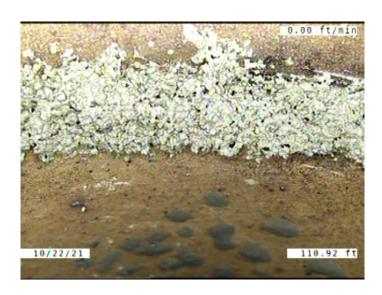
2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAZ

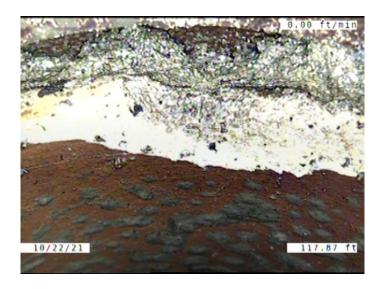
Description: Deposits Attached Other

Distance (ft): 110.9
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: MUD



Code: JOMD

Description: Joint Offset Medium Defective

Distance (ft): 117.9
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 118.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 3

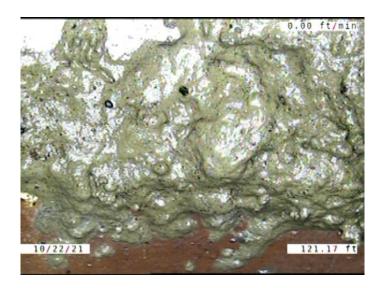
Clock To:

2nd Value:

1st Value: **4.000** 

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: DAE

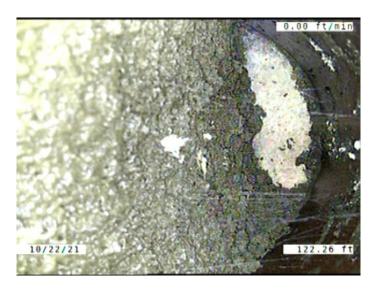
Description: Deposits Attached Encrustation

Distance (ft): 121.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 5

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): 122.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

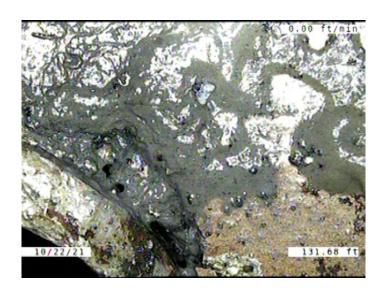
Clock To:

2nd Value:

1st Value: **4.000** 

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: B
Description: Broken

Distance (ft): 131.7
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 2

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

Within 8" of Joint:

Remarks:

YES

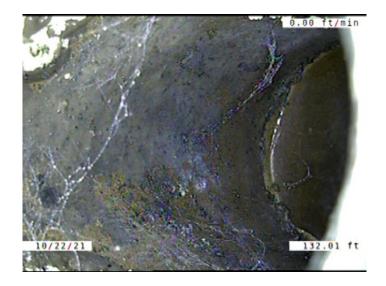


Code: IRC

Description: Infiltration Runner Connection

Distance (ft): 131.8
Structural Grade: 0
O&M Grade: 4
Clock Start/From: 2
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: **TBI** 

Description: Tap Break-in Intruding

Distance (ft): 132.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 132.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11
Clock To: 1

1st Value: 2nd Value:

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



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 135.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11
Clock To: 1

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): 150.8
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: YES



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 160.0
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:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 162.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 9

Clock To:

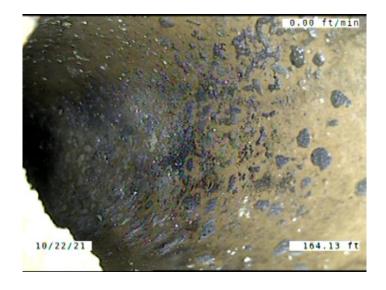
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TBI

Description: **Tap Break-in Intruding** 

Distance (ft): 164.1 Structural Grade: 0 2 O&M Grade: Clock Start/From: 11

Clock To:

1st Value: 4.000 2nd Value: 2.000

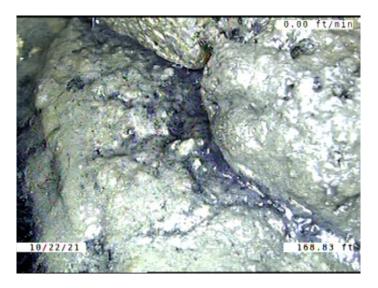
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation** 

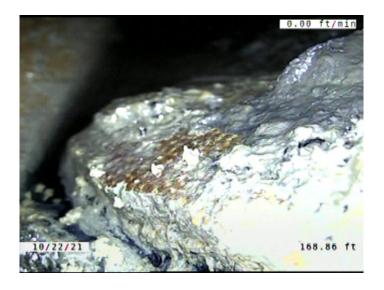
Distance (ft): 168.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 5 7 Clock To: 1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: **OBM** 

Description: Obstruction Pipe Material in Invert

Distance (ft): 168.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7

1st Value:

Value Percent: 5.000

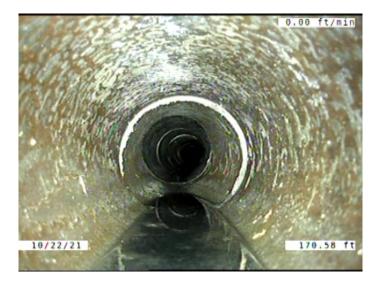
Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:

.\_5



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 170.6
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Code: **JOM** 

Description: Joint Offset Medium

Distance (ft): 189.0
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: **TFC** 

Description: Tap Factory Capped

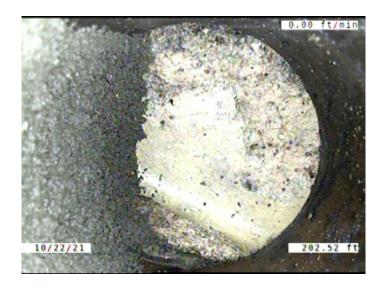
Distance (ft): 200.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 3

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: TFC

Description: **Tap Factory Capped** 

Distance (ft): 202.5 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 9

Clock To:

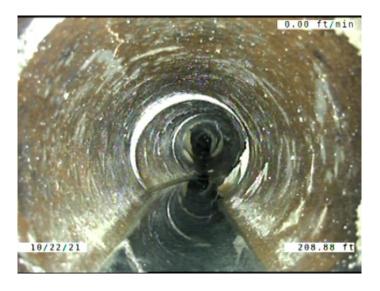
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **MWLS** 

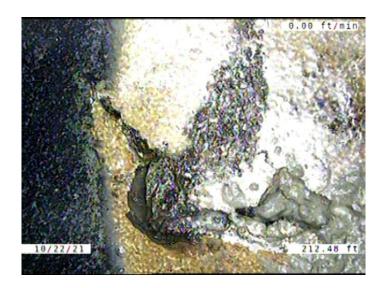
Description: **Miscellaneous Water Level Sag** 

Distance (ft): 208.9 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: **S05** Within 8" of Joint: NO



Code: B
Description: Broken

Distance (ft): 212.5 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 3 Clock To: 5 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: MWLS

Description: Miscellaneous Water Level Sag

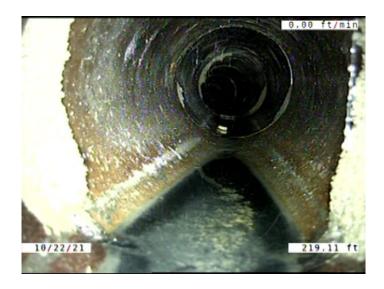
Distance (ft): 214.8
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Remarks:

Value Percent: 5.000
Continuous Index: F05
Within 8" of Joint: NO



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 219.1
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

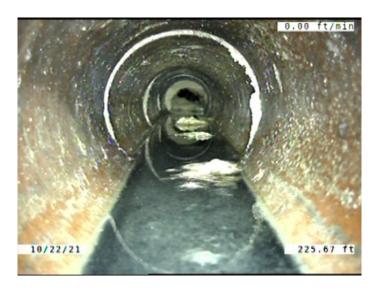
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: MWLS

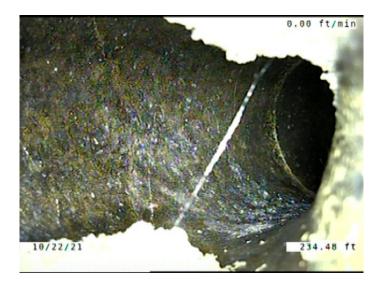
Description: Miscellaneous Water Level Sag

Distance (ft): 225.7
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S06
Within 8" of Joint: NO



Code: TBI

Description: **Tap Break-in Intruding** 

Distance (ft): 234.5 Structural Grade: 0 2 O&M Grade: Clock Start/From: 1

Clock To:

1st Value: 4.000 2nd Value: 2.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

Distance (ft): 234.5 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

5.000 Value Percent: Continuous Index: F06 Within 8" of Joint: NO



Code: **DSF** 

Description: Deposits Settled Fine

Distance (ft): 234.8
Structural Grade: 0
O&M Grade: 5
Clock Start/From: 12
Clock To: 12

1st Value: 2nd Value:

Value Percent: 55.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **DSF** 

Description: Deposits Settled Fine

Distance (ft): 238.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:

2nd Value:

Value Percent: 5.000
Continuous Index: F04
Within 8" of Joint: YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 238.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 5

1st Value: 2nd Value:

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

Remarks:



Code: MSA

Description: Miscellaneous Survey Abandoned

Distance (ft): 238.4
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: CAMERA CANT MAKE IT PAST

**DEBRIS**