Profile/Photo Observation Report

West 39th Place



Not Controlled

Date: 09/19/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 194.3 Owner: **City of Hobart** Pre Clean: **Light Cleaning** P.O.#: YES502259 S. Bucklin PSR: P-503-011-010 Surveyor: Customer: **City of Hobart** Clean Date: 09/06/2021 Shape:

Flow Control:

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

Purpose: Routine Assessment Dia/Height: 10"
Use: Sanitary Sewage Pipe Material: VCP

Drain Area: Lining: **None**

Category: NA

Comment:

Street:

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

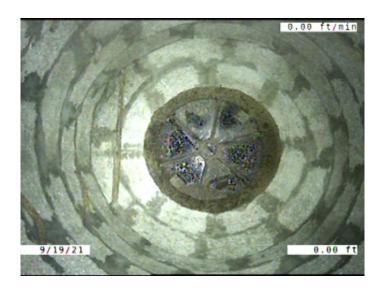
US MH: M-503-010 DS MH: M-503-011 Total Length Surveyed (ft): 194.3

1.93 312F 85.00 O&M Index: O&M Quick: O&M Rating: 2.31 74.00 Structural Rating: Structural Index: Structural Quick: 2.09 159.00 Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
/ 503-	010				
	0.	AMH	Manhole	1	NA
ш	0.	MWL	Miscellaneous Water Level	73	NA
	6.9	MMC	Miscellaneous Material Change	144	NA
	<u>√</u> (6.9	MWLS(S01)	Miscellaneous Water Level Sag	157	S 2
Ш	6.9	JOM	Joint Offset Medium	176	S 3
	8.6	TF	Tap Factory	203	NA
ш	11.3	MMC	Miscellaneous Material Change	255	NA
	11.3	CL	Crack Longitudinal	281	S 2
	12.5	MWLS(F01)	Miscellaneous Water Level Sag	306	S 2
ш	15.9	TFC	Tap Factory Capped	335	NA
ш	15.9	DSF(S02)	Deposits Settled Fine	350	M 2
ш	17.8	TFC	Tap Factory Capped	374	NA
ш	19.0	MMC	Miscellaneous Material Change	420	NA
н	23.4	MMC	Miscellaneous Material Change	487	NA
ш	25.1	SSS	Surface Damage Surface Spalling	516	S 2
	27.0	MMC	Miscellaneous Material Change	566	NA
.	27.0	JOM	Joint Offset Medium	586	S 3
	44.5	MWLS(S03)	Miscellaneous Water Level Sag	712	S 2
	49.4	TFC	Tap Factory Capped	750	NA

53.5	MMC	Miscellaneous Material Change	834	NA
53.5	JAM	Joint Angular Medium	856	S 3
53.5	MWLS(F03)	Miscellaneous Water Level Sag	867	S 2
58.1	В	Broken	921	S 4
58.4	TBI	Tap Break-in Intruding	939	M 2
63.4	FS	Fracture Spiral	1007	S 3
72.8	MWLS(S04)	Miscellaneous Water Level Sag	1086	S 2
74.6	SSS	Surface Damage Surface Spalling	1112	S 2
74.6	SSS	Surface Damage Surface Spalling	1132	S 2
80.5	TFC	Tap Factory Capped	1183	NA
82.5	TFD	Tap Factory Defective	1228	M 3
85.3	MWLS(F04)	Miscellaneous Water Level Sag	1276	S 2
89.5	SZ	Surface Damage Other	1322	NA
96.8	SSS	Surface Damage Surface Spalling	1404	S 2
97.4	MWLS(S05)	Miscellaneous Water Level Sag	1429	S 2
113.9	SSS	Surface Damage Surface Spalling	1533	S 2
116.5	TFC	Tap Factory Capped	1571	NA
117.8	FM	Fracture Multiple	1632	S 4
118.5	TFC	Tap Factory Capped	1714	NA
123.1	MWLS(F05)	Miscellaneous Water Level Sag	1683	S 2
127.9	MMC	Miscellaneous Material Change	1792	NA
127.9	JAM	Joint Angular Medium	1808	S 3
130.4	MWLS(S06)	Miscellaneous Water Level Sag	1850	S 2
150.9	TF	Tap Factory	1958	NA
154.6	MMC	Miscellaneous Material Change	2018	NA
154.6	CL	Crack Longitudinal	2036	S 2
158.9	MWLS(F06)	Miscellaneous Water Level Sag	2077	S 2
161.7	DAE	Deposits Attached Encrustation	2127	M 2
161.7	RFJ	Roots Fine Joint	2147	M 1
163.7	RFJ	Roots Fine Joint	2203	M 1
165.7	RFJ	Roots Fine Joint	2264	M 1
165.7	CL	Crack Longitudinal	2289	S 2
165.7	DAE	Deposits Attached Encrustation	2307	M 2
167.3	MMC	Miscellaneous Material Change	2365	NA
167.3	RFJ	Roots Fine Joint	2382	M 1
167.3	JOM	Joint Offset Medium	2402	S 3
193.9	DSF(F02)	Deposits Settled Fine	2569	M 2
194.3	АМН	Manhole	2650	NA

M 503-011



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-503-010



Code: MWL

Description: Miscellaneous Water Level

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

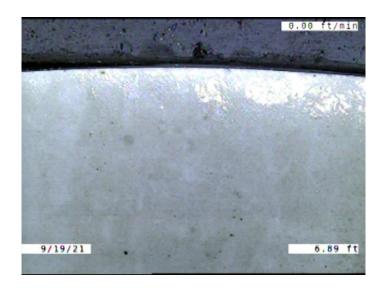
Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 6.9
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: MWLS

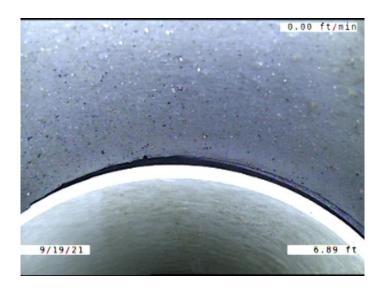
Description: Miscellaneous Water Level Sag

Distance (ft): 6.9
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S01
Within 8" of Joint: NO



Code: **JOM**

Description: Joint Offset Medium

Distance (ft): 6.9
Structural Grade: 3
O&M Grade: 0

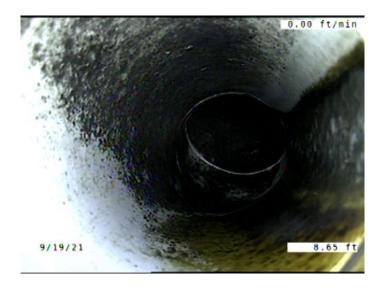
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: **TF**

Description: Tap Factory

Distance (ft): 8.6
Structural Grade: 0

O&M Grade: 0

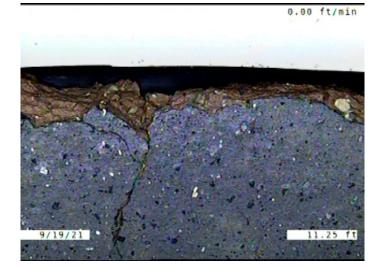
Clock Start/From: 1

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: MMC

Description: **Miscellaneous Material Change**

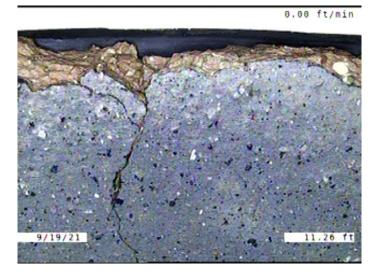
Distance (ft): 11.3 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: **PVC TO VCP**



Code: CL

Description: **Crack Longitudinal**

Distance (ft): 11.3 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 12 Clock To:

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

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

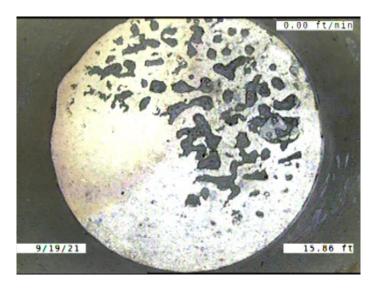
Distance (ft): 12.5
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F01
Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 15.9
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 15.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7

1st Value: 2nd Value:

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

Remarks:



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 17.8
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



Code: MMC

Description: Miscellaneous Material Change

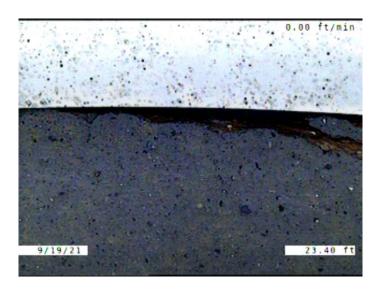
Distance (ft): 19.0
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO PVC



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 23.4
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: PVC TO VCP



Code: SSS

Description: Surface Damage Surface Spalling

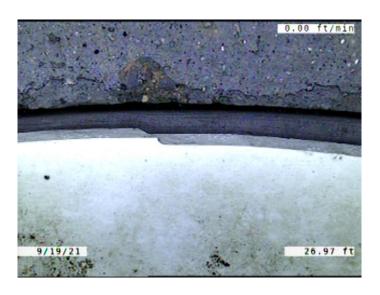
Distance (ft): 25.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12

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

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 27.0
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: VCP TO PVC



Code: **JOM**

Description: Joint Offset Medium

Distance (ft): 27.0
Structural Grade: 3
O&M Grade: 0

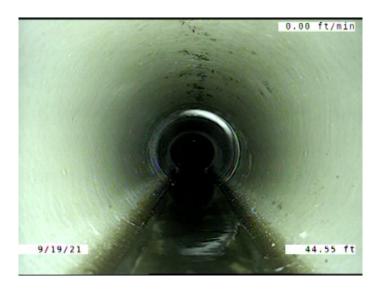
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: MWLS

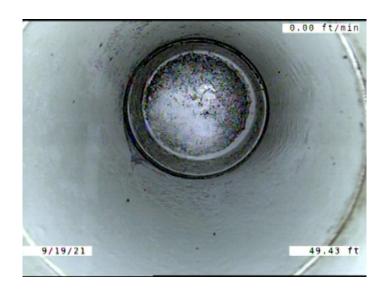
Description: Miscellaneous Water Level Sag

Distance (ft): 44.5
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S03
Within 8" of Joint: NO



Code: TFC

Description: **Tap Factory Capped**

Distance (ft): 49.4 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 1

Clock To:

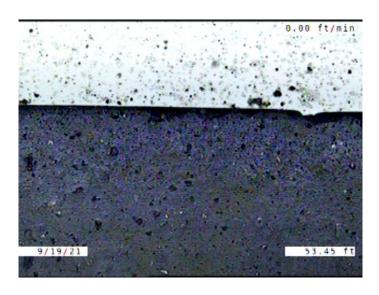
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: **Miscellaneous Material Change**

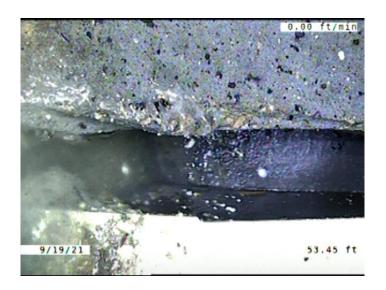
Distance (ft): 53.5 Structural Grade: 0 O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

PVC TO VCP Remarks:



Code: JAM

Description: Joint Angular Medium

Distance (ft): 53.5
Structural Grade: 3
O&M Grade: 0

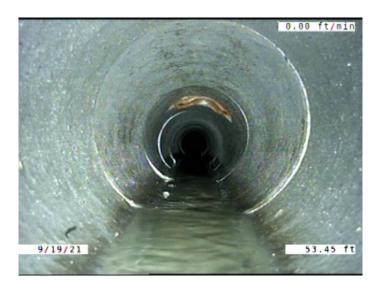
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 53.5
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

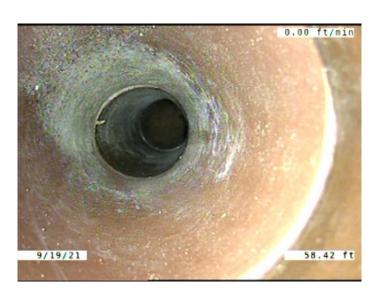
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F03
Within 8" of Joint: NO



Code: B
Description: Broken

Distance (ft): 58.1 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 11 Clock To: 2 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 58.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 1

Clock To:

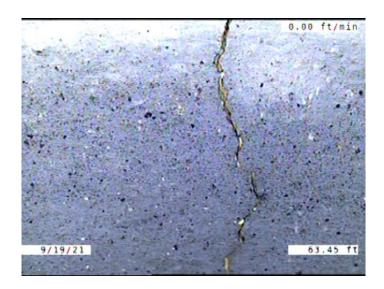
Remarks:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: FS

Description: Fracture Spiral

Distance (ft): 63.4
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 12

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

Within 8" of Joint: YES

Remarks:

0.00 ft/min

72.80 ft

Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 72.8
Structural Grade: 2
O&M Grade: 0

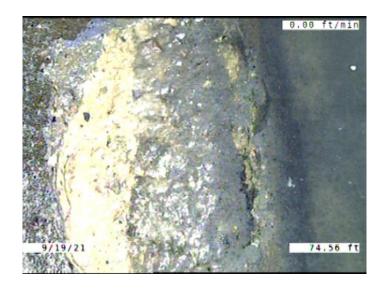
Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S04
Within 8" of Joint: NO

Remarks:

9/19/21



Code: SSS

Description: Surface Damage Surface Spalling

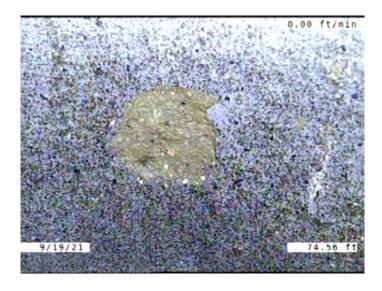
Distance (ft): 74.6
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 7
Clock To: 8

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

Within 8" of Joint:

Remarks:

YES



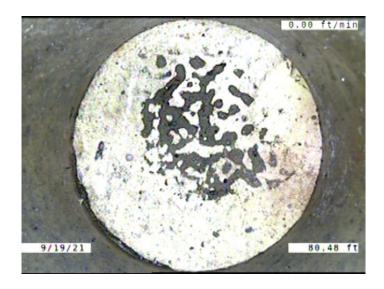
Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 74.6
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 2
Clock To:
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 80.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 82.5
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 11

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: MWLS

Description: Miscellaneous Water Level Sag

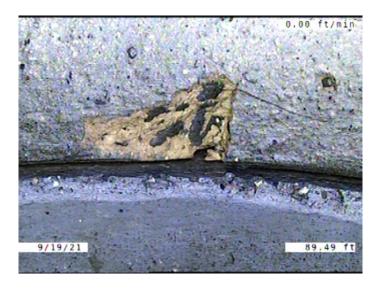
Distance (ft): 85.3
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F04
Within 8" of Joint: NO

Remarks:



Code: SZ

Description: Surface Damage Other

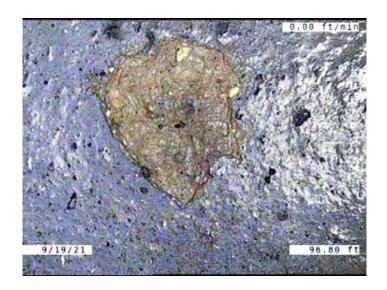
Distance (ft): 89.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12
Clock To: 1
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT



Code: SSS

Description: **Surface Damage Surface Spalling**

96.8 Distance (ft): Structural Grade: 2 O&M Grade: 0 Clock Start/From: 8 Clock To: 9

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

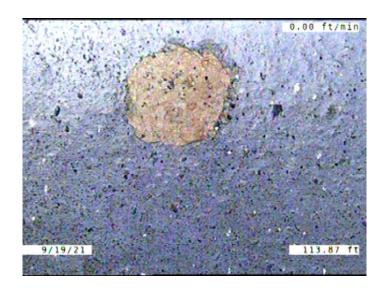
Description: **Miscellaneous Water Level Sag**

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

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 113.9
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10

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

Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

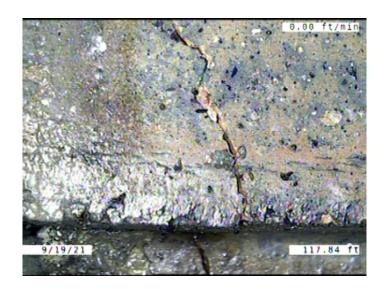
Distance (ft): 116.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1
Clock To:

1st Value: 2nd Value:

st Value: **4.000**

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: FM
Description: Fracture Multiple

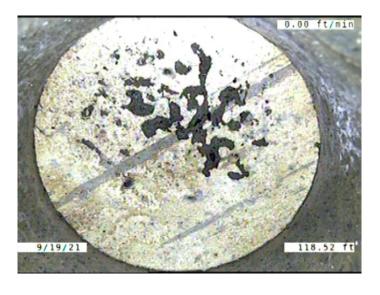
Distance (ft): 117.8
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 4

Clock Start/From: 4
Clock To: 5
1st Value:
2nd Value:
Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 118.5
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



Code: MWLS

Description: Miscellaneous Water Level Sag

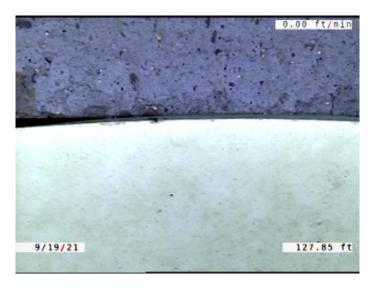
Distance (ft): 123.1
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: MMC

Description: Miscellaneous Material Change

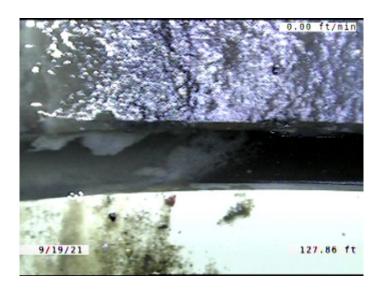
Distance (ft): 127.9
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO PVC



Code: JAM

Description: Joint Angular Medium

Distance (ft): 127.9 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



Code: **MWLS**

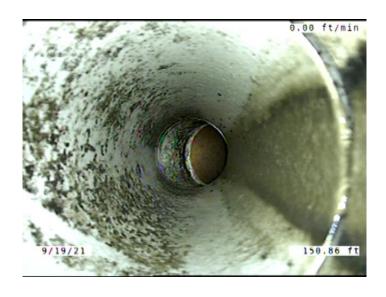
Description: **Miscellaneous Water Level Sag**

Distance (ft): 130.4 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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



Code: **TF**

Description: Tap Factory

Distance (ft): 150.9
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

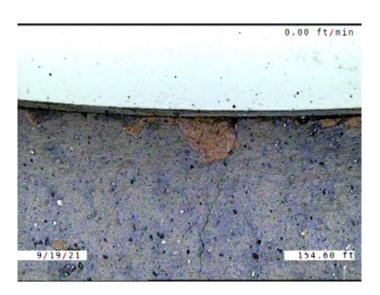
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: MMC

Description: Miscellaneous Material Change

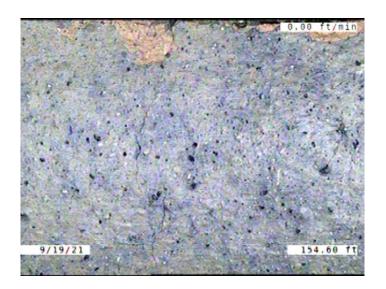
Distance (ft): 154.6
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: **PVC TO VCP**



Code: CL

Description: **Crack Longitudinal**

Distance (ft): 154.6 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 12

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

Within 8" of Joint:

Remarks:

YES



MWLS Code:

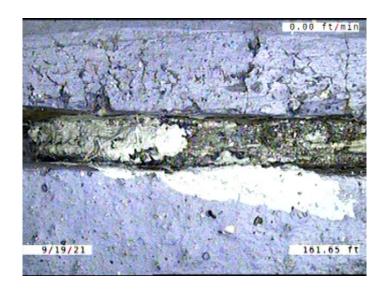
Description: **Miscellaneous Water Level Sag**

Distance (ft): 158.9 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: DAE

Description: Deposits Attached Encrustation

Distance (ft): 161.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3
Clock To: 8

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: RFJ

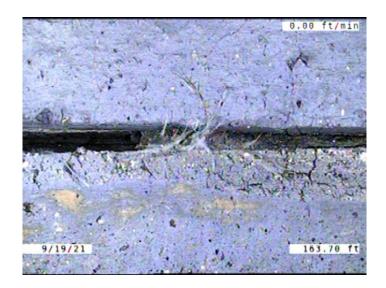
Description: Roots Fine Joint

YES

Distance (ft): 161.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 3
Clock To: 8
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 163.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 11

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

Within 8" of Joint:

Remarks:

YES



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 165.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: CL

Description: Crack Longitudinal

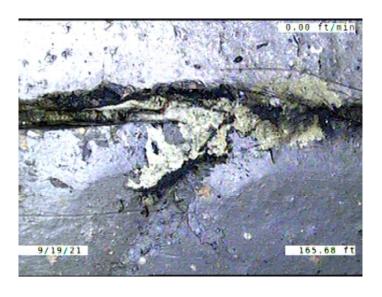
Distance (ft): 165.7
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 10

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 165.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 9
1st Value:

2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES

5.000



Code: MMC

Description: **Miscellaneous Material Change**

Distance (ft): 167.3 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: **VCP TO PVC**



Code: RFJ

Description: **Roots Fine Joint**

Distance (ft): 167.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 3 9 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

YES



Code: JOM

Description: **Joint Offset Medium**

Distance (ft): 167.3 Structural Grade: 3 0 O&M Grade:

Clock Start/From:

Clock To:

1st Value: 1.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



DSF Code:

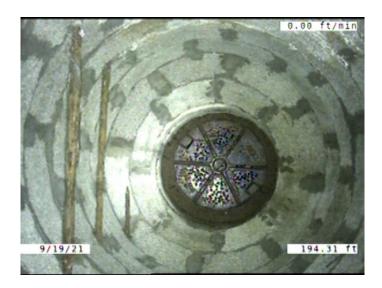
Description: **Deposits Settled Fine**

Distance (ft): 193.9 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 5 7 Clock To: 1st Value:

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

Remarks:

2nd Value:



Code: AMH
Description: Manhole

Distance (ft): 194.3
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-503-011**