Profile/Photo Observation Report



Date: 09/04/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 140.3 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-504-079-078 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 09/04/2021 Shape: C

Street: 42nd Avenue Flow Control: Not Controlled

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

Purpose: Routine Assessment Dia/Height: 12"
Use: Sanitary Sewage Pipe Material: VCP

Drain Area: Lining:

Category: NA

Comment:

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

US MH: M-504-079 DS MH: M-504-078 Total Length Surveyed (ft): 140.3

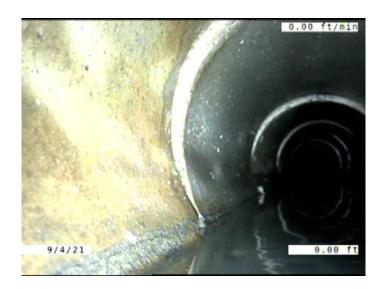
1.94 312E 66.00 O&M Index: O&M Quick: O&M Rating: 3.00 36.00 Structural Rating: Structural Index: Structural Quick: 2.22 102.00 Overall Index: Overall Quick: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
M-504-	078				
\mathcal{A}	0.	AMH	Manhole	1	NA
ш	0.	MWL	Miscellaneous Water Level	63	NA
	1.5	DAE	Deposits Attached Encrustation	129	M 2
ш	7.2	TFC	Tap Factory Capped	185	NA
н	√\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CL	Crack Longitudinal	214	S 2
	<u>√</u> √ 7.7	DAE	Deposits Attached Encrustation	230	M 2
	9.2	TFC	Tap Factory Capped	262	NA
	14.3	DAE	Deposits Attached Encrustation	314	M 2
	14.3	FM	Fracture Multiple	344	S 4
	18.6	DAE(S01)	Deposits Attached Encrustation	410	M 2
	18.6	CM	Crack Multiple	462	S 3
ш	22.6	JOM	Joint Offset Medium	499	S 3
	29.2	JAM	Joint Angular Medium	560	S 3
	29.2	CM	Crack Multiple	596	S 3
	31.3	OBZ	Obstruction Other	626	M 2
	33.1	JOM	Joint Offset Medium	648	S 3
, 🔲	35.0	DAE	Deposits Attached Encrustation	724	M 2
	35.3	TBI	Tap Break-in Intruding	744	M 2
	42.4	OBZ	Obstruction Other	788	M 2

45.7	TFC	Tap Factory Capped	820	NA
45.7	DAE	Deposits Attached Encrustation	840	M 2
46.4	FM	Fracture Multiple	889	S 4
48.0	TFC	Tap Factory Capped	917	NA
52.9	DAE	Deposits Attached Encrustation	984	M 2
54.9	CC	Crack Circumferential	1008	S 1
54.9	DAE	Deposits Attached Encrustation	1025	M
71.9	DAE	Deposits Attached Encrustation	1132	M
74.2	DAE	Deposits Attached Encrustation	1167	M
78.5	DAE	Deposits Attached Encrustation	1226	M :
80.6	DAE	Deposits Attached Encrustation	1265	M :
87.7	ISB	Infiltration Stain Barrel	1334	M:
88.0	ТВІ	Tap Break-in Intruding	1367	M
90.8	DAE(F01)	Deposits Attached Encrustation	1411	M :
96.5	TFC	Tap Factory Capped	1446	NA
98.8	TFD	Tap Factory Defective	1475	M:
98.9	В	Broken	1503	S 4
101.8	RFJ	Roots Fine Joint	1534	M
103.8	RFJ	Roots Fine Joint	1582	M
114.3	JOM	Joint Offset Medium	1640	S 3
125.3	DAE	Deposits Attached Encrustation	1702	M :
138.2	CM	Crack Multiple	1782	S 3
140.3	AMH	Manhole	1874	NA



Code:	AMH		
Description:	Manhole		
5:			
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-504-078		



Code: MWL

Description: Miscellaneous Water Level

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

Clock Start/From:

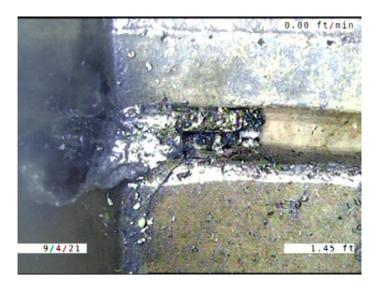
Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

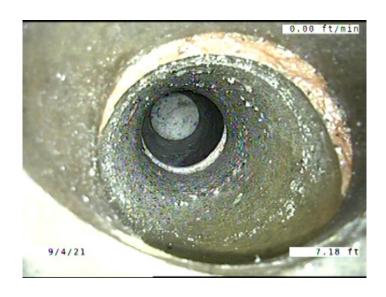
Description: Deposits Attached Encrustation

Distance (ft): 1.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 9
1st Value:
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 7.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

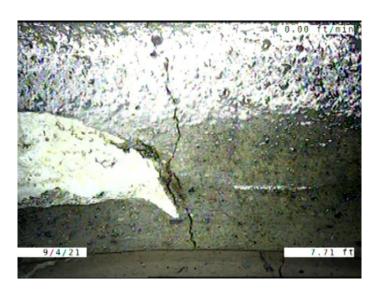
Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: FIRST JOINT BACK OFFSET



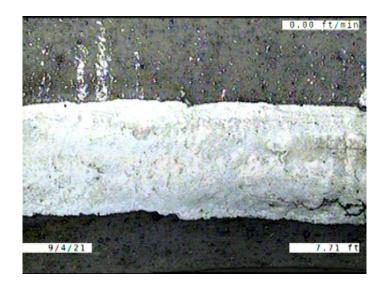
Code: CL

Description: Crack Longitudinal

Distance (ft): 7.7
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



Description: Deposits Attached Encrustation

Distance (ft): 7.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9
Clock To: 11

1st Value:

2nd Value: Value Percent:

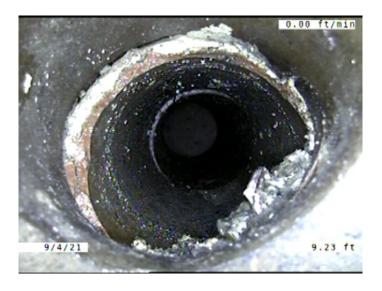
5.000

Continuous Index:

Within 8" of Joint:

YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 9.2
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: FIRST JOINT BACK OFFSET



Description: Deposits Attached Encrustation

Distance (ft): 14.3
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 2

Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **FM**

Description: Fracture Multiple

Distance (ft): 14.3
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 11

Clock To: 4

1st Value:

2nd Value:

Value Percent: Continuous Index: Within 8" of Joint:

thin 8" of Joint: YES



Description: Deposits Attached Encrustation

Distance (ft): 18.6
Structural Grade: 0

O&M Grade: 2

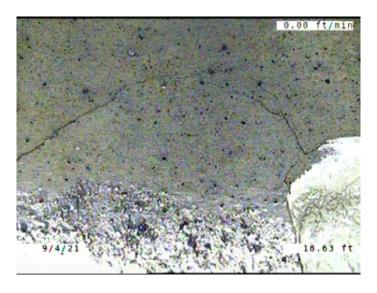
Clock Start/From: 2

Clock To: 9

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S01
Within 8" of Joint: YES

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 18.6
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 11
Clock To: 1
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: **JOM**

Description: Joint Offset Medium

Distance (ft): 22.6
Structural Grade: 3
O&M Grade: 0

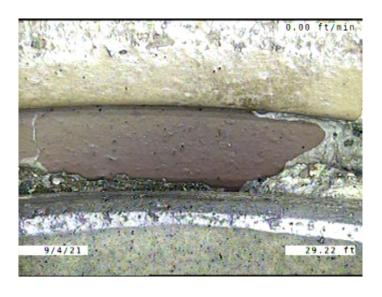
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: JAM

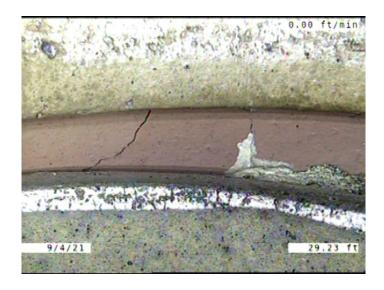
Description: Joint Angular Medium

Distance (ft): 29.2
Structural Grade: 3
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO



Code: CM

Description: Crack Multiple

Distance (ft): 29.2
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 10
Clock To: 12

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

Within 8" of Joint:

Remarks:

YES



Code: OBZ

Description: Obstruction Other

Distance (ft): 31.3
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 6

Clock To: 8

1st Value:

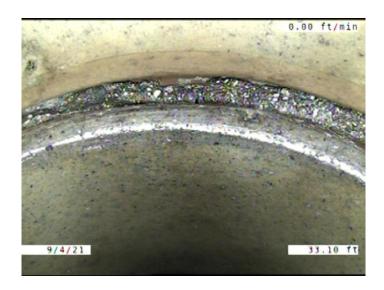
2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: TP AND RAGS

5.000



Code: JOM

Description: **Joint Offset Medium**

Distance (ft): 33.1 Structural Grade: 3 0 O&M Grade:

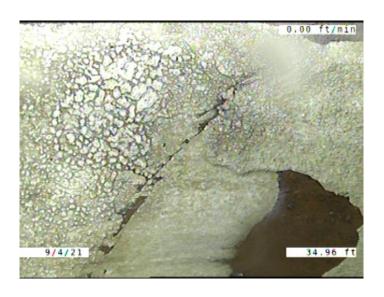
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 35.0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 9 3 Clock To: 1st Value: 2nd Value:

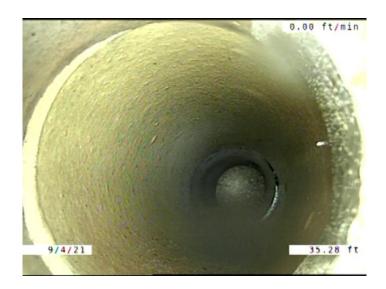
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 35.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12

Clock To:

 1st Value:
 6.000

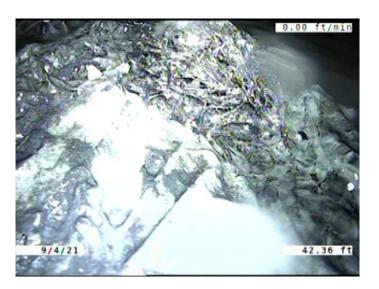
 2nd Value:
 2.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER.

LOOKS TO BE CAPPED



Code: OBZ

Description: Obstruction Other

Distance (ft): 42.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 5

Clock To: 7

1st Value:

2nd Value:

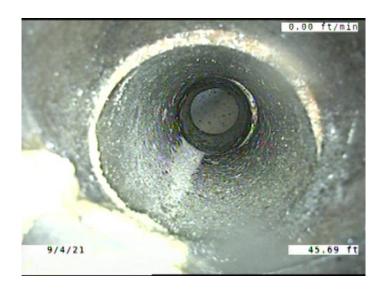
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks: ROOTS THAT FLOATED DOWN THE

LINE



Code: TFC

Description: **Tap Factory Capped**

Distance (ft): 45.7 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:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 45.7 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 Clock To: 11 1st Value:

Value Percent: 5.000

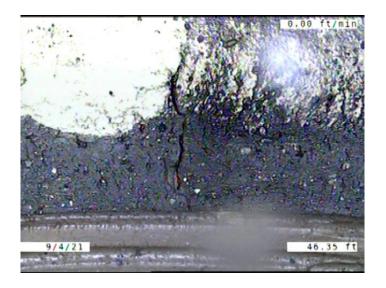
Continuous Index:

Within 8" of Joint:

Remarks:

2nd Value:

YES



Code: FM

Description: Fracture Multiple

Distance (ft): 46.4
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 11

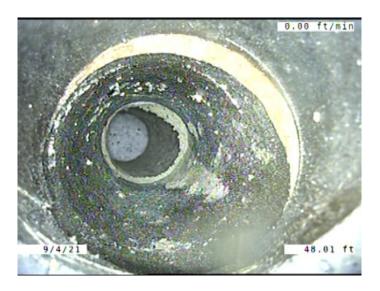
Clock To: 1

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

Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 48.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

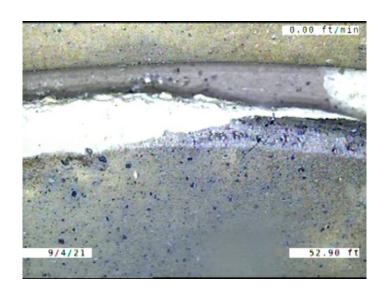
Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: FIRST JOINT BACK OFFSET



Description: Deposits Attached Encrustation

Distance (ft): 52.9
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 8

Clock To: 4

1st Value: 2nd Value:

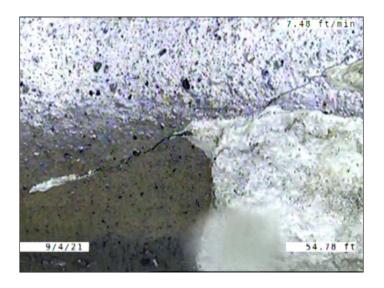
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: CC

Description: Crack Circumferential

Distance (ft): 54.9
Structural Grade: 1

O&M Grade: 0

Clock Start/From: 11

Clock To: 1

1st Value:

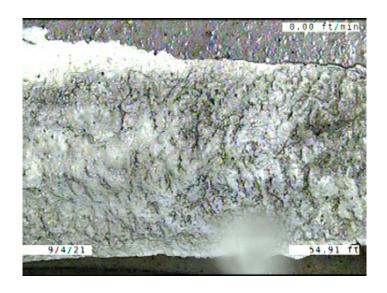
2nd Value:

Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Description: Deposits Attached Encrustation

YES

Distance (ft): 54.9
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 10

Clock To: 4

1st Value: 2nd Value:

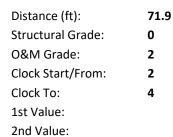
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

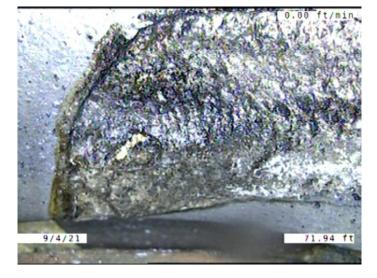


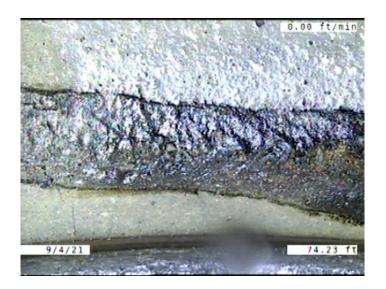


Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES





Description: Deposits Attached Encrustation

Distance (ft): 74.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9
Clock To: 12

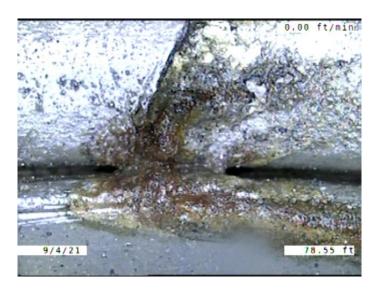
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

5.000

Distance (ft): 78.5
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 12

Clock To: 4

1st Value:

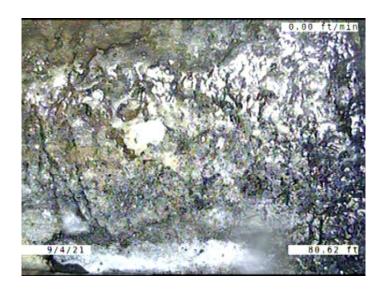
Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Description: Deposits Attached Encrustation

Distance (ft): 80.6
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 12

Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES

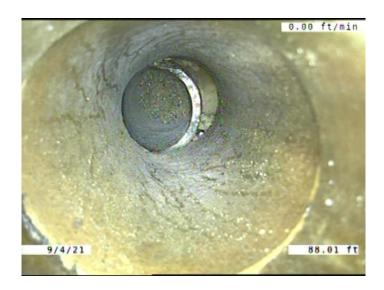


Code: ISB

Description: Infiltration Stain Barrel

Distance (ft): 87.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 2
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 88.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 6.000

 2nd Value:
 3.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: SECOND JOINT BACK OFFSET.

CONSTANTLY RUNNING WATER. LO



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 90.8
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 2

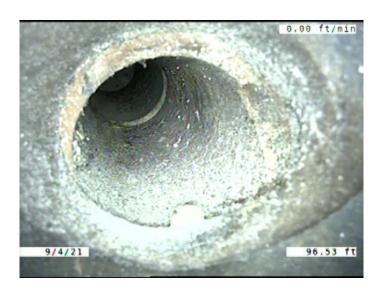
Clock To: 9

1st Value:

Value Percent: 5.000
Continuous Index: F01
Within 8" of Joint: YES

Remarks:

2nd Value:



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 96.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12

Clock To:

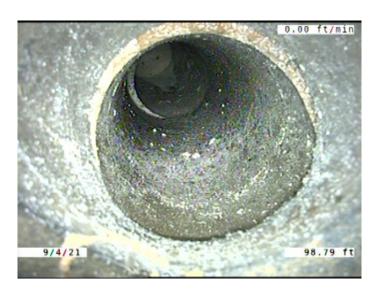
1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: FIRST JOINT BACK OFFSET. LOOKS TO

BE CAPPED



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 98.8
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: FIRST JOINT BACK OFFSET. LOOKS TO

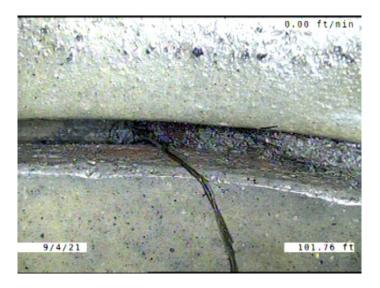
BE CAPPED



Code: B
Description: Broken

Distance (ft): 98.9 Structural Grade: 4 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:



Code: RFJ

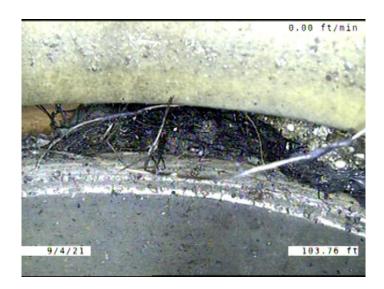
Description: Roots Fine Joint

Distance (ft): 101.8
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 3
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:

YES

Remarks:

Within 8" of Joint:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 103.8
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 2

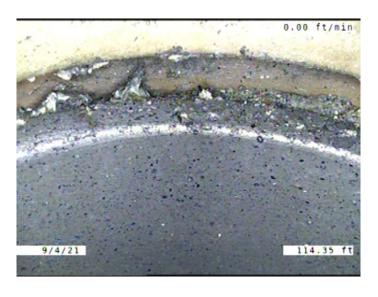
Clock To: 3
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **JOM**

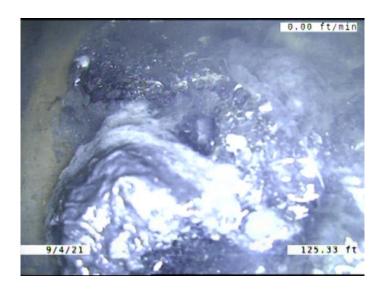
Description: Joint Offset Medium

Distance (ft): 114.3
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



Description: Deposits Attached Encrustation

Distance (ft): 125.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 8

1st Value: 2nd Value:

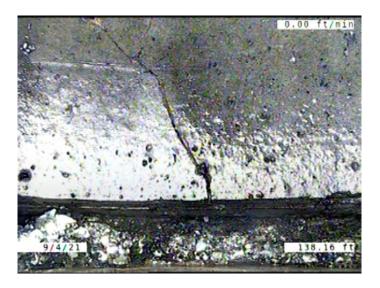
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: CM

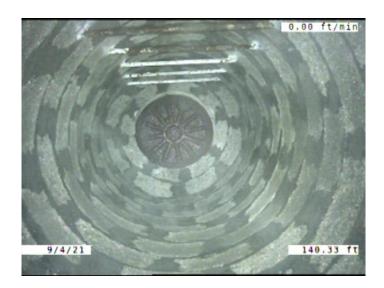
Description: Crack Multiple

Distance (ft): 138.2
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 4
Clock To: 5
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: AMH
Description: Manhole

Distance (ft): 140.3
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint:

Remarks: M-504-079

NO