Profile/Photo Observation Report



Date: **PACP 7.0** 09/19/2021 Weather: Coding: Pipe Length (ft): 197.3 Owner: **City of Hobart** Pre Clean: **Light Cleaning** P.O.#: S. Bucklin PSR: P-503-012-011 YES502259 Surveyor:

Customer: **City of Hobart** Clean Date: 09/06/2021 Shape:

North Virginia Street Flow Control: **Not Controlled** Street:

City: Hobart, IN Year Renewed: Local rural streets with light traffic, t Tape/Media #: Location:

Purpose: **Routine Assessment** Dia/Height: 10" Use: **Sanitary Sewage Pipe** Material: **PVC** Drain Area: Lining: None

Category: NA

Comment:

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

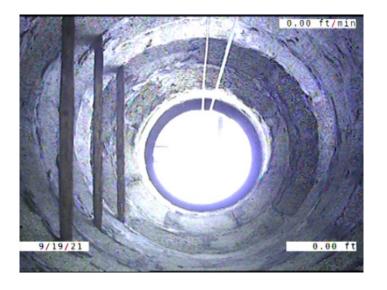
US MH: M-503-011 DS MH: M-503-012 Total Length Surveyed (ft): 197.3

2.02 352G 103.00 O&M Index: O&M Quick: O&M Rating: 3.78 514C 102.00 Structural Rating: Structural Index: Structural Quick: 2.63 205.00 514C Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
1 (503-	011				
	0.	AMH	Manhole	1	NA
ш	\\ <u>.0</u>	MWL	Miscellaneous Water Level	75	NA
ш	2.8	DSF(S01)	Deposits Settled Fine	110	M 2
ш	66.9	TF	Tap Factory	298	NA
ш	72.5	MMC	Miscellaneous Material Change	385	NA
ш	72.5	FM(S02)	Fracture Multiple	449	S 4
ш	74.5	RFJ	Roots Fine Joint	494	M 1
ш	76.7	HVV	Hole Void Visible	562	S 5
ш	76.7	В	Broken	631	S 4
ш	76.7	RFJ	Roots Fine Joint	636	M 1
ш	77.3	TFD	Tap Factory Defective	666	M 3
ш	79.4	TFD	Tap Factory Defective	703	M 3
ш	98.8	DAE	Deposits Attached Encrustation	844	M 2
ш	100.6	RFJ(S03)	Roots Fine Joint	903	M 1
-	106.6	RFJ(F03)	Roots Fine Joint	960	M 1
	108.5	MWLS(S04)	Miscellaneous Water Level Sag	984	S 2
	111.9	TFD	Tap Factory Defective	1028	M 3
	113.9	TFD	Tap Factory Defective	1066	M 3
	114.6	MWLS(F04)	Miscellaneous Water Level Sag	1096	S 2

11	.6.6	MMC	Miscellaneous Material Change	1144	NA
11	.6.6	FM(F02)	Fracture Multiple	1158	S 4
11	.8.0	TF	Tap Factory	1180	NA
11	.9.2	MMC	Miscellaneous Material Change	1231	NA
/// 11	.9.2	FM(S05)	Fracture Multiple	1243	S 4
14	6.5	TFD	Tap Factory Defective	1461	M 3
<i>y</i> √14	8.6	TFC	Tap Factory Capped	1495	NA
14	9.7	FM(F05)	Fracture Multiple	1523	S 4
15	7.6	FM	Fracture Multiple	1590	S 4
15	8.0	MWLS	Miscellaneous Water Level Sag	1613	S 2
15	9.6	CM	Crack Multiple	1649	S 3
16	55.7	FM	Fracture Multiple	1727	S 4
16	55.7	RFJ	Roots Fine Joint	1744	M 1
17	0.0	SSS	Surface Damage Surface Spalling	1784	S 2
<u> </u> /17	9.7	FM(S06)	Fracture Multiple	1870	S 4
////18	0.5	TFC	Tap Factory Capped	1892	NA
<u>/</u> /// <u>18</u>	32.6	TFC	Tap Factory Capped	1931	NA
[/] / 18	35.2	OBZ	Obstruction Other	1970	M 2
/// 19	0.7	FM	Fracture Multiple	2030	S 4
/// 19	1.0	TBI	Tap Break-in Intruding	2046	M 2
/// 19	5.7	DSF(F01)	Deposits Settled Fine	2084	M 2
$/\!/19$	5.7	FM(F06)	Fracture Multiple	2092	S 4
$\sqrt{19}$	7.3	AMH	Manhole	2174	NA

M(503)012



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-503-011		



Code: MWL

Description: **Miscellaneous Water Level**

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

Clock Start/From:

Clock To: 1st Value: 2nd Value:

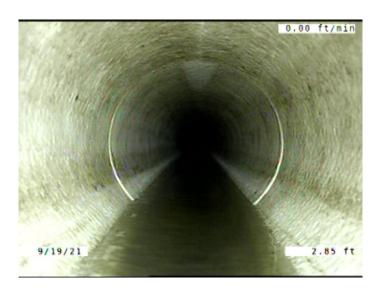
5.000 Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



DSF Code:

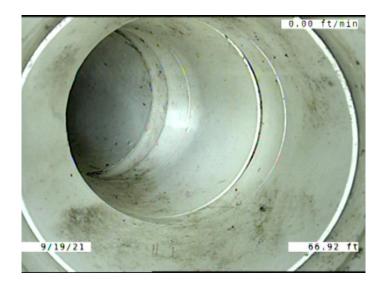
Description: **Deposits Settled Fine**

Distance (ft): 2.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 5 7 Clock To: 1st Value:

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

Remarks:

2nd Value:



Code: **TF**

Description: Tap Factory

Distance (ft): 66.9
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 11

Clock To:

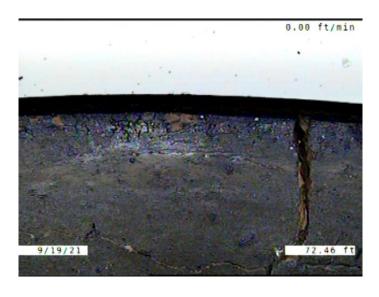
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 72.5
Structural Grade: 0

O&M Grade: 0

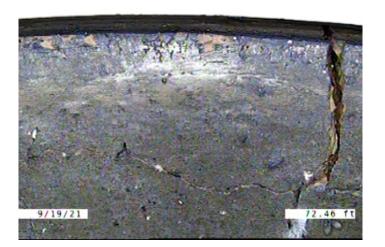
Clock Start/From:

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

Within 8" of Joint: NO

Remarks: PVC TO VCP

0.00 ft/min



9/19/21

Code: **FM**

Description: Fracture Multiple

Distance (ft): 72.5
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 12
Clock To: 12
1st Value:

1st Value: 2nd Value: Value Percent:

Continuous Index: S02
Within 8" of Joint: YES

Remarks:

Code: RFJ

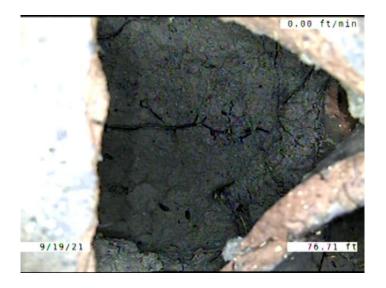
Description: Roots Fine Joint

Distance (ft): 74.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 12
Clock To: 3
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **HVV**

Description: Hole Void Visible

Distance (ft): 76.7
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 12
Clock To: 2

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

Within 8" of Joint: YES

Remarks: SOIL VISIBLE TOO



Code: B

Description: Broken

Distance (ft): 76.7
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 2

Clock To: 4

1st Value:

2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: RFJ

Description: Roots Fine Joint

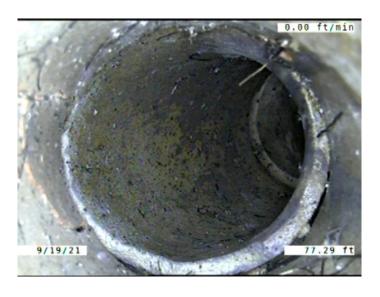
Distance (ft): 76.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 12
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 77.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

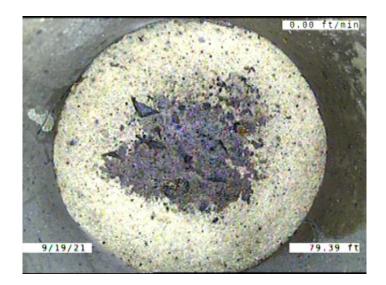
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective**



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 79.4
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 11

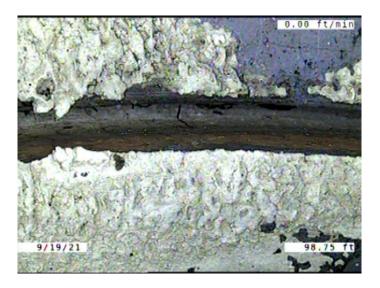
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAPPED



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 98.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9
Clock To: 11
1st Value:

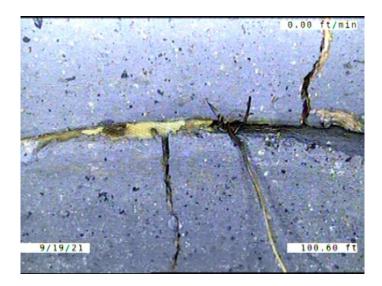
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 100.6
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 3

1st Value: 2nd Value: Value Percent:

Continuous Index: S03
Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 106.6
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Continuous Index: F03
Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 108.5
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S04
Within 8" of Joint: NO

Remarks:



Code: **TFD**

Description: Tap Factory Defective

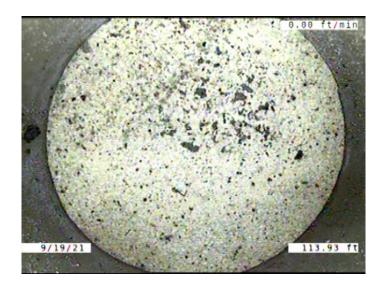
Distance (ft): 111.9
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES
Remarks: CAPPED



Code: **TFD**

Description: **Tap Factory Defective**

Distance (ft): 113.9 Structural Grade: 0 3 O&M Grade: Clock Start/From: 11

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **CAPPED**



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

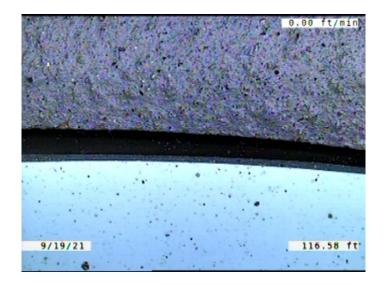
Distance (ft): 114.6 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000 Continuous Index: F04 Within 8" of Joint: NO

Remarks:



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 116.6
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: VCP TO PVC



Code: FM

Description: Fracture Multiple

Distance (ft): 116.6
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

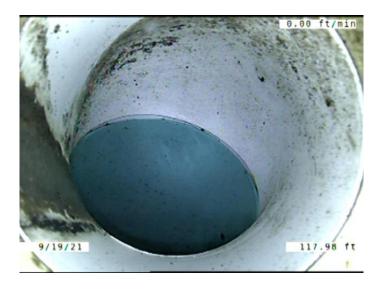
Clock To: 12

1st Value:

2nd Value:
Value Percent:

Continuous Index: F02
Within 8" of Joint: YES

Remarks:



Code: **TF**

Description: Tap Factory

Distance (ft): 118.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

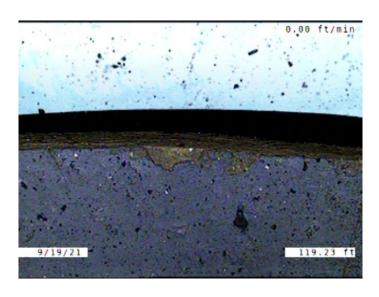
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 119.2
Structural Grade: 0

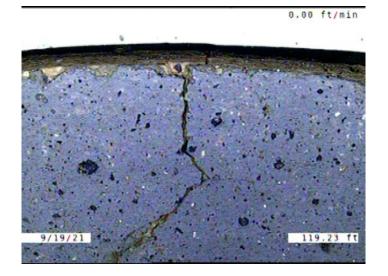
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: PVC TO VCP



Code: FM

Description: Fracture Multiple

Distance (ft): 119.2
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

Clock To: 12

1st Value: 2nd Value: Value Percent:

Continuous Index: S05
Within 8" of Joint: YES

Remarks:



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 146.5
Structural Grade: 0
O&M Grade: 3
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: TFC

Description: Tap Factory Capped

Distance (ft): 148.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

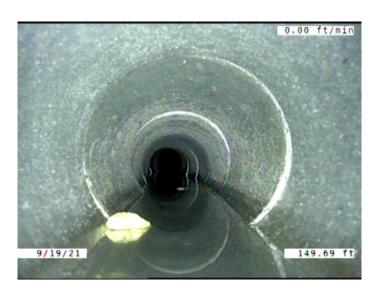
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CRACKED BACK BY THE CAP



Code: FM

Description: Fracture Multiple

Distance (ft): 149.7
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

Clock To: 12

1st Value:

2nd Value: Value Percent: Continuous Index:

Continuous Index: F05
Within 8" of Joint: YES

Remarks:

iidi KS.



Code: FM

Description: **Fracture Multiple**

Distance (ft): 157.6 Structural Grade: 4

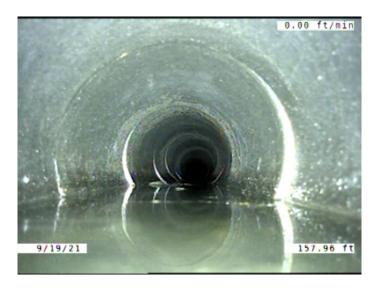
O&M Grade: 0 Clock Start/From: 10 Clock To: 2

1st Value: 2nd Value: Value Percent:

Continuous Index: Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 158.0 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

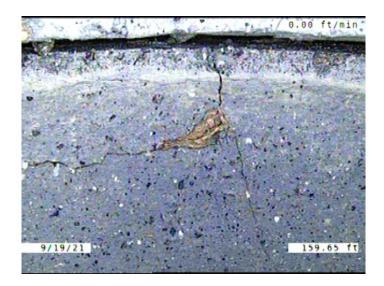
Clock To: 1st Value: 2nd Value:

10.000 Value Percent:

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 159.6
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 10

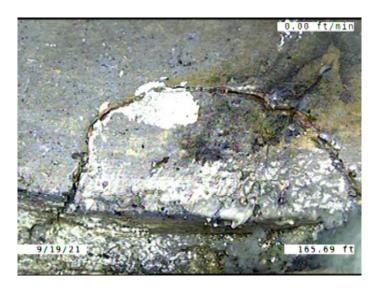
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES

12



Code: **FM**

Description: Fracture Multiple

Distance (ft): 165.7
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 7

Clock To: 8

1st Value:

2nd Value:

Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: RFJ

Description: **Roots Fine Joint**

Distance (ft): 165.7 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 4

Clock To: 5 1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: SSS

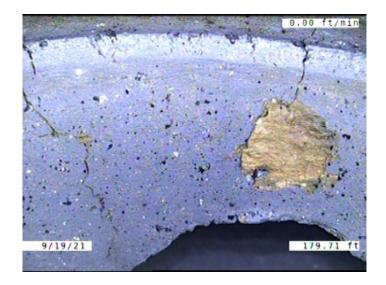
Description: **Surface Damage Surface Spalling**

Distance (ft): 170.0 Structural Grade: 2 O&M Grade: 0 Clock Start/From:

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

Within 8" of Joint: YES

Remarks:



Code: FΜ

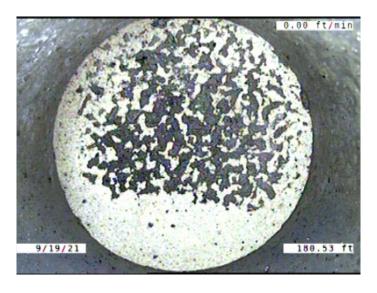
Description: **Fracture Multiple**

Distance (ft): 179.7 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 5 Clock To: 1

1st Value: 2nd Value: Value Percent:

Continuous Index: **S06** Within 8" of Joint: YES

Remarks:



TFC Code:

Description: **Tap Factory Capped**

Distance (ft): 180.5 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: YES

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 182.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

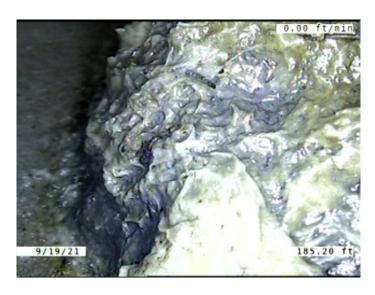
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: OBZ

Description: Obstruction Other

Distance (ft): 185.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 6
Clock To: 8

1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint: YES

Remarks: TP, RAGS, AND SEWER DEBRIS



Code: FΜ

Description: **Fracture Multiple**

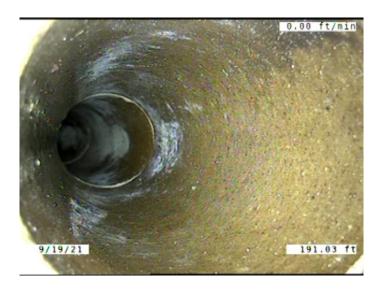
Distance (ft): 190.7 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 9 Clock To: 12

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

Within 8" of Joint:

Remarks:

YES



TBI Code:

Description: **Tap Break-in Intruding**

Distance (ft): 191.0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 10

Clock To:

1st Value: 4.000 2nd Value: 1.000

Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 195.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7

1st Value: 2nd Value:

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

Remarks:



Code: FM

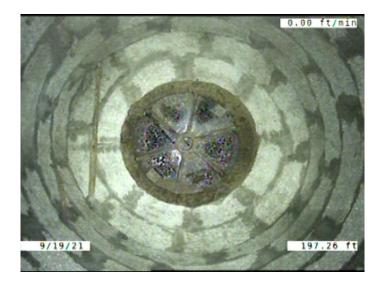
Description: Fracture Multiple

Distance (ft): 195.7
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 5
Clock To: 1
1st Value: 2nd Value:

Continuous Index: F06
Within 8" of Joint: YES

Remarks:

Value Percent:



Code: AMH
Description: Manhole

Distance (ft): 197.3
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-503-012