Profile/Photo Observation Report



Date: 09/15/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 298.9 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-504-055-054 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 09/07/2021 Shape: C

Street: North Guyer Street Flow Control: Not Controlled

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

Purpose:Routine AssessmentDia/Height:10"Use:Sanitary Sewage PipeMaterial:CPDrain Area:Lining:None

Category: NA

Comment:

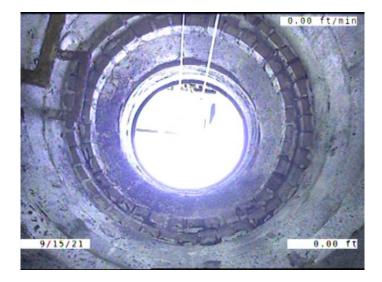
Location Details: Direction of Survey: **Upstream**

US MH: M-504-054 DS MH: M-504-055 Total Length Surveyed (ft): 298.9

1.99 173.00 O&M Index: O&M Quick: O&M Rating: 2.69 5346 86.00 Structural Rating: Structural Index: Structural Quick: 2.18 5349 259.00 Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
M(504-)	055				
	0.	AMH	Manhole	2	NA
	<u> \\\\ .0</u>	MWL	Miscellaneous Water Level	73	NA
-11	0.	DSF(S01)	Deposits Settled Fine	85	M 2
	5.0	В	Broken	160	S 4
ш	5.6	TB	Tap Break-in/Hammer	211	NA
-11	19.1	TBD	Tap Break-in/Hammer Defective	358	M 3
- 111	√ 19.5	OBB	Obstruction Brick or Masonry	405	M 2
	22.1	TBC	Tap Break-in Capped	451	NA
-11	\\34.6	MWLS(S02)	Miscellaneous Water Level Sag	506	S 2
s	42.0	TBI	Tap Break-in Intruding	589	M 2
Direction	57.1	В	Broken	690	S 4
<u>i</u>	57.7	TBI	Tap Break-in Intruding	835	M 2
Camera	64.5	MWLS(F02)	Miscellaneous Water Level Sag	889	S 2
Car	65.2	FL	Fracture Longitudinal	969	S 3
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MWLS(S03)	Miscellaneous Water Level Sag	1011	S 2
Ш	77.9	MCU	Miscellaneous Camera Underwater	1108	M 4
↓ 	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	RFJ	Roots Fine Joint	1176	M 1
	86.9	MCU	Miscellaneous Camera Underwater	1298	M 4
	89.3	RFJ	Roots Fine Joint	1384	M 1

	98.5	В	Broken	1701	S 4
ı	11/11/1				
H	100.9	RFJ	Roots Fine Joint	1781	M 1
Н	101.2	ISJ	Infiltration Stain Joint	1807	M 1
	102.2	MWL	Miscellaneous Water Level	1830	NA
ı	107.5	DAE	Deposits Attached Encrustation	1925	M 2
	111.2	В	Broken	2038	S 4
ı	111.4	TBI	Tap Break-in Intruding	2087	M 2
ı	111.4	DAE	Deposits Attached Encrustation	2103	M 2
	111.7	RFJ	Roots Fine Joint	2143	M 1
	119.3	RFJ	Roots Fine Joint	2315	M 1
	137.3	MWL	Miscellaneous Water Level	2482	NA
ı	141.7	TBI	Tap Break-in Intruding	2609	M 2
ı	149.7	MWLS(S04)	Miscellaneous Water Level Sag	2679	S 2
ı	160.3	TBI	Tap Break-in Intruding	2840	M 2
ı	175.9	MWLS(F04)	Miscellaneous Water Level Sag	3059	S 2
ı	181.8	BSV	Broken Soil Visible	3115	S 5
ı	182.1	TBI	Tap Break-in Intruding	3145	M 2
	203.6	TBI	Tap Break-in Intruding	3327	M 2
ı	220.4	MWLS(S05)	Miscellaneous Water Level Sag	3439	S 2
ı	222.5	FM	Fracture Multiple	3510	S 4
ı	222.9	TBI	Tap Break-in Intruding	3545	M 2
ı	253.0	MWLS(F05)	Miscellaneous Water Level Sag	3719	S 2
	257.7	HVV	Hole Void Visible	3817	S 5
	257.8	TBI	Tap Break-in Intruding	3905	M 2
٠	260.0	В	Broken	3973	S 4
ı	260.2	TBI	Tap Break-in Intruding	3997	M 2
	291.2	HVV	Hole Void Visible	4212	S 5
	291.3	TBI	Tap Break-in Intruding	4288	M 2
	// 294.2	TBI	Tap Break-in Intruding	4368	M 2
	298.1	DSF(F01)	Deposits Settled Fine	4429	M 2
	298.9	AMH	Manhole	4547	NA



Code: AMH
Description: Manhole

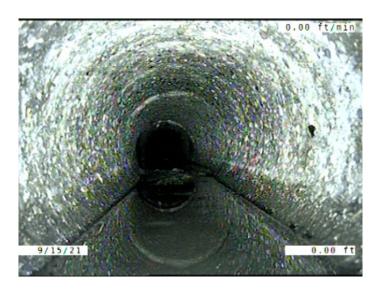
Distance (ft): .0
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: M-504-055



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:

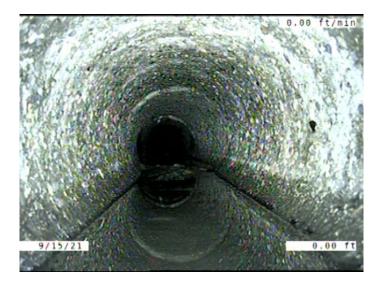
Value Percent: 10.000

Continuous Index:

Within 8" of Joint: NO

Remarks:

arks:



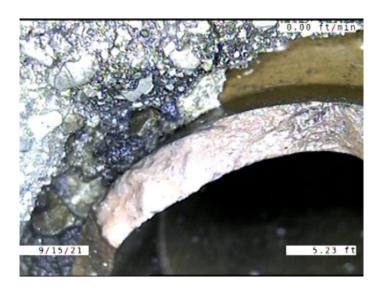
Code: DSF
Description: Deposits Settled Fine

Distance (ft): .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: S01
Within 8" of Joint: YES

Remarks:



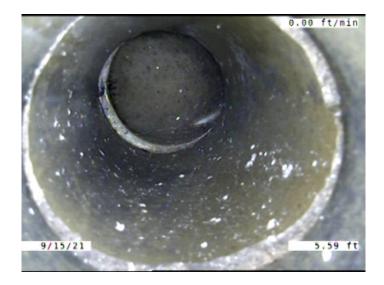
Code: B
Description: Broken

Distance (ft): 5.0
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 10
Clock To: 12
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: TB

Description: Tap Break-in/Hammer

Distance (ft): 5.6
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 12

Clock To:

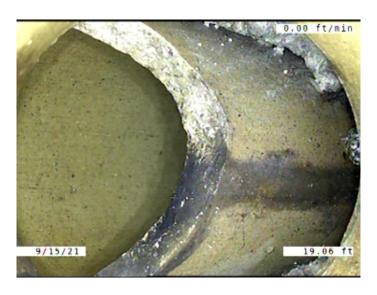
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TBD**

Description: Tap Break-in/Hammer Defective

Distance (ft): 19.1
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 12

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective**



Code: OBB

Description: Obstruction Brick or Masonry

Distance (ft): 19.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 6

Clock To: 1st Value:

2nd Value:

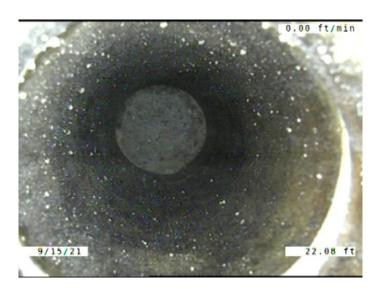
Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: TBC

Description: Tap Break-in Capped

Distance (ft): 22.1
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 12

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**

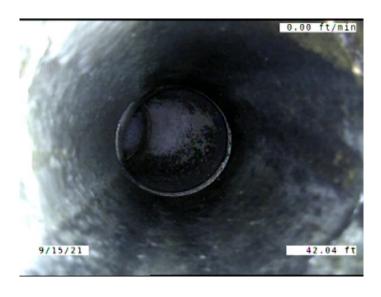
Distance (ft): 34.6 Structural Grade: 2 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: **S02** Within 8" of Joint: NO

Remarks:



Code: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 42.0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 12

Clock To:

1st Value: 4.000 2nd Value: 1.000

Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: Description: Broken

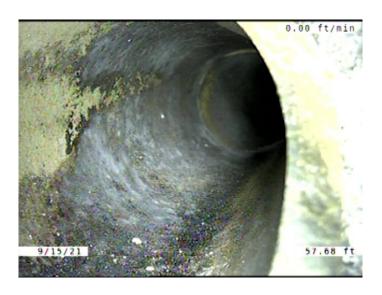
Distance (ft): 57.1 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 2

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

Within 8" of Joint:

Remarks:

NO



TBI Code:

Description: **Tap Break-in Intruding**

Distance (ft): 57.7 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 1

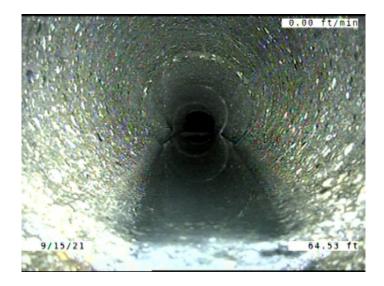
Clock To:

1st Value: 4.000 2nd Value: 2.000

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

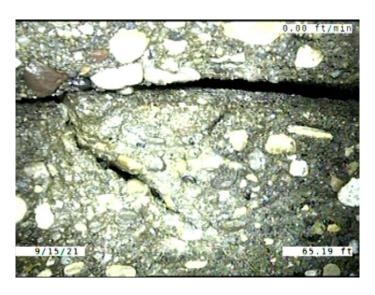
Distance (ft): 64.5
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F02
Within 8" of Joint: NO

Remarks:



Code: FL

Description: Fracture Longitudinal

Distance (ft): 65.2
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To:
1st Value:
2nd Value:

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

hin 8" of Joint: YES

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

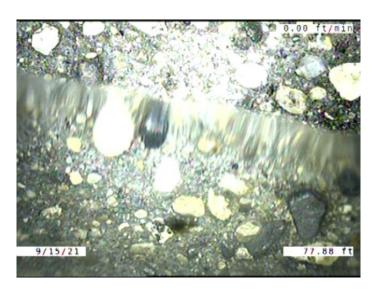
Distance (ft): 67.6 Structural Grade: 2 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 Continuous Index: **S03** Within 8" of Joint: NO

Remarks:



MCU Code:

Description: **Miscellaneous Camera Underwater**

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

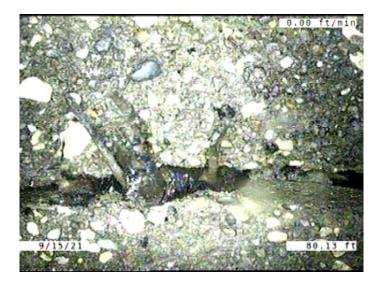
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 80.1
Structural Grade: 0

O&M Grade: 1

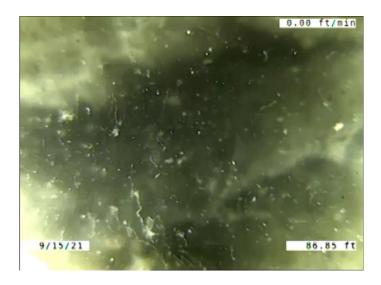
Clock Start/From: 10

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

Within 8" of Joint:

Remarks:

YES



Code: MCU

Description: Miscellaneous Camera Underwater

Distance (ft): 86.9
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 87.4



Code: RFJ

Description: **Roots Fine Joint**

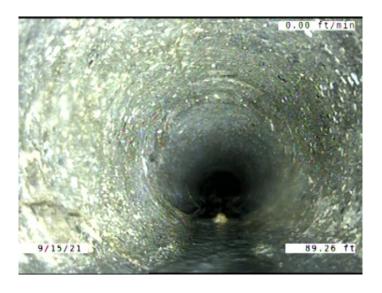
Distance (ft): 89.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 9 Clock To: 1

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

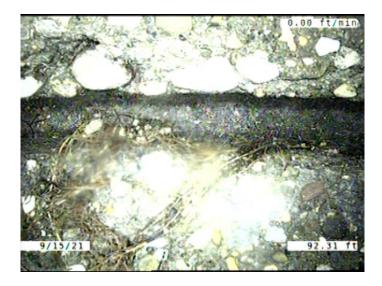
Distance (ft): 89.3 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 92.3
Structural Grade: 0

O&M Grade: 1

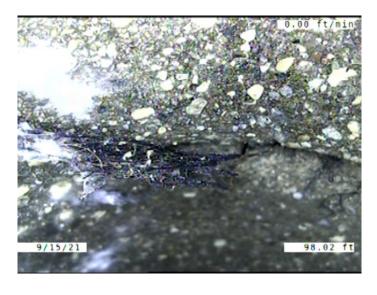
Clock Start/From: 10

Clock To: 12

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

Within 8" of Joint: YES

Remarks:



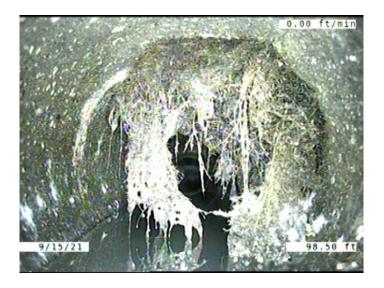
Code: RFJ

Description: Roots Fine Joint

Distance (ft): 98.0 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 8 Clock To: 9 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

... 6 61 3611161

Remarks:



Code: RMB

Description: Roots Medium Barrel

NO

2

Distance (ft): 98.4
Structural Grade: 0

O&M Grade: 4

Clock Start/From: 11

Clock To: 5

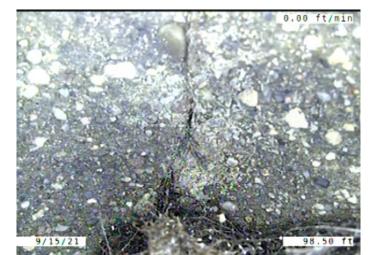
1st Value: 2nd Value:

Value Percent: 40.000

Continuous Index:

Within 8" of Joint:

Remarks:



Code: **B**

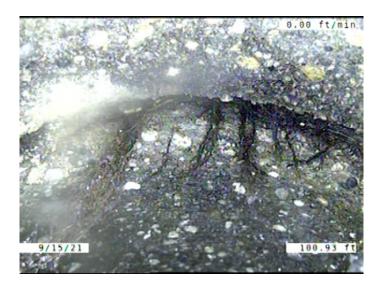
Description: Broken

Distance (ft): 98.5
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 12

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

Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: Roots Fine Joint

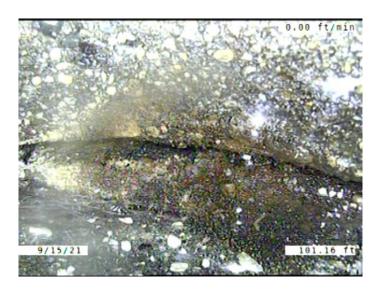
Distance (ft): 100.9
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 10
Clock To: 2

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

Within 8" of Joint:

Remarks:

YES



Code: ISJ

Description: Infiltration Stain Joint

Distance (ft): 101.2
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 2
Clock To: 4
1st Value:
2nd Value:

Continuous Index:

Within 8" of Joint: YES

Remarks:

Value Percent:

arks.



Code: MWL

Description: **Miscellaneous Water Level**

Distance (ft): 102.2 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

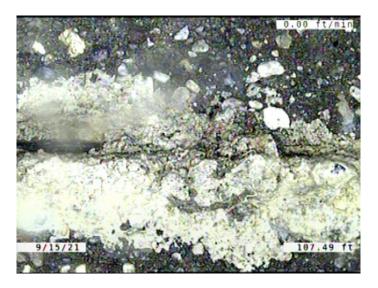
Clock To: 1st Value: 2nd Value:

Value Percent: 20.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 107.5 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 10 2 Clock To: 1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft): 111.2
Structural Grade: 4

O&M Grade: 0

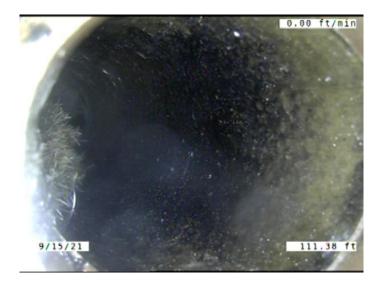
Clock Start/From: 10

Clock To: 1

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

Within 8" of Joint:

Remarks:



Code: TBI

Description: Tap Break-in Intruding

NO

Distance (ft): 111.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11

Clock To:

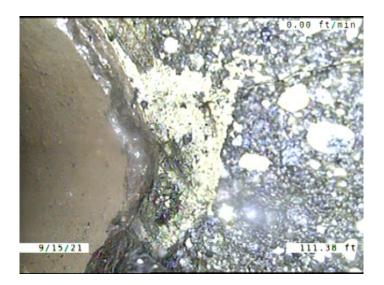
 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 111.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12

Clock To:

1st Value:

2nd Value:

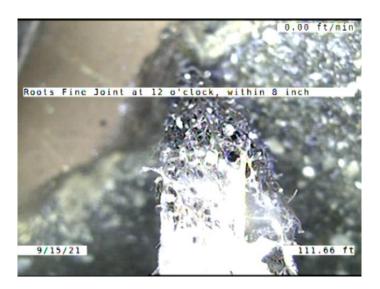
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 111.7
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 12

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

Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: **Roots Fine Joint**

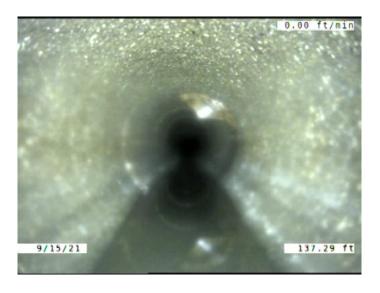
Distance (ft): 119.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 2

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

Within 8" of Joint:

Remarks:

YES



MWL Code:

Description: **Miscellaneous Water Level**

Distance (ft): 137.3 Structural Grade: 0 O&M Grade: 0

Clock Start/From:

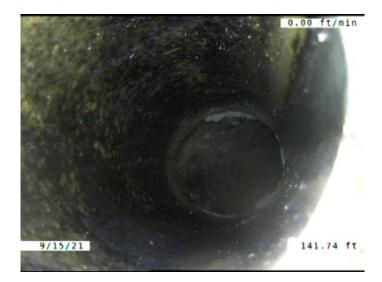
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 141.7 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 1

Clock To:

1st Value: 4.000 2nd Value: 1.000

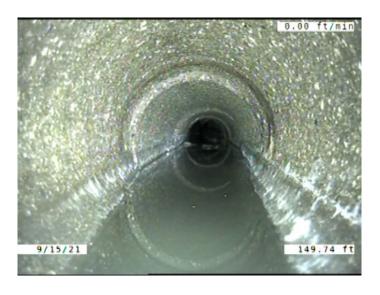
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 149.7 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: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 160.3 Structural Grade: 0 2 O&M Grade: Clock Start/From: 12

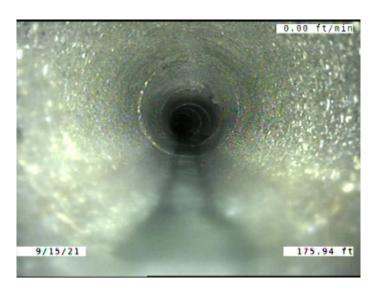
Clock To:

1st Value: 4.000 2.000 2nd Value:

Value Percent:

Continuous Index: Within 8" of Joint: NO

Remarks: **CONTSTANTLY RUNNING WATER**



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 175.9 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: BSV

Description: Broken Soil Visible

Distance (ft): 181.8
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:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 182.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

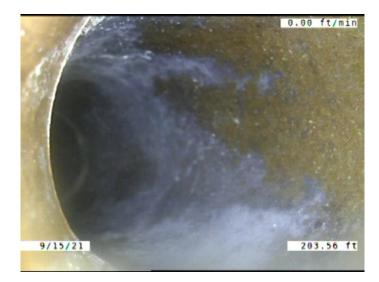
 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 203.6 Structural Grade: 0 2 O&M Grade: Clock Start/From: 11

Clock To:

1st Value: 4.000 3.000 2nd Value:

Value Percent:

Continuous Index: Within 8" of Joint:

Remarks:

NO



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 220.4 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 Continuous Index: **S05** Within 8" of Joint: NO

Remarks:



Code: **FM**

Description: Fracture Multiple

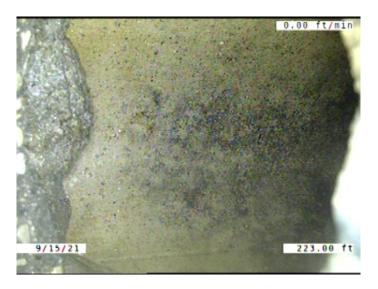
Distance (ft): 222.5
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 11
Clock To: 3

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

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 222.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 2.000

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks: ACTIVITY



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 253.0 Structural Grade: 2

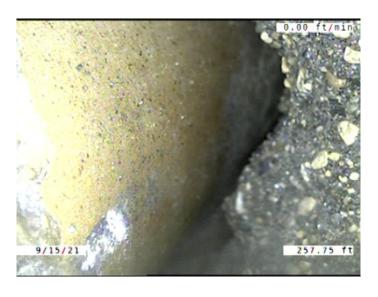
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: F05
Within 8" of Joint: NO

Remarks:



Code: **HVV**

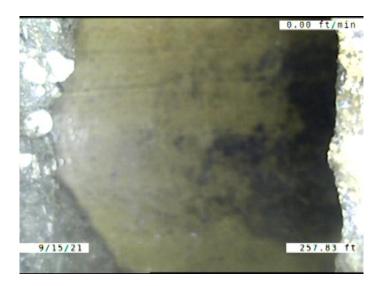
Description: Hole Void Visible

Distance (ft): 257.7
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 2

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

Within 8" of Joint: NO

Remarks:



Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 257.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 2.000

Value Percent:

Continuous Index: Within 8" of Joint:

Remarks:

NO



Code: B
Description: Broken

Distance (ft): 260.0
Structural Grade: 4

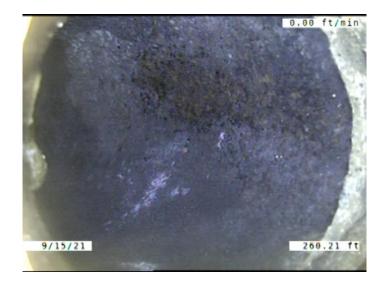
O&M Grade: 0
Clock Start/From: 11
Clock To: 12

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

Remarks:

Within 8" of Joint:

NO



Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 260.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

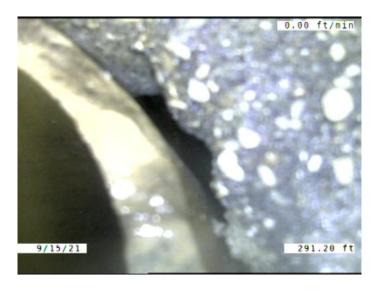
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: **HVV**

Description: Hole Void Visible

Distance (ft): 291.2
Structural Grade: 5

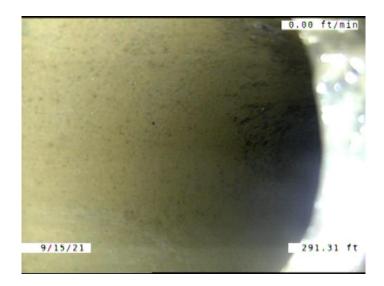
O&M Grade: 0

Clock Start/From: 3

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

Within 8" of Joint: NO

Remarks:



Code: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 291.3 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 1

Clock To:

1st Value: 4.000 2nd Value: 2.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: **Tap Break-in Intruding**

Distance (ft): 294.2 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 11

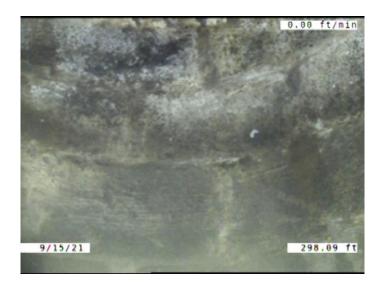
Clock To:

1st Value: 4.000 2nd Value: 3.000

Value Percent: Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 298.1
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: AMH
Description: Manhole

Distance (ft): 298.9
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: M-504-054