Profile/Photo Observation Report



Date: 08/08/2022 Weather: Coding: PACP 7.0

Pipe Length (ft): 324.0 Owner: City of Hobart Pre Clean: No Pre-Cleaning

P.O.#: YES502259 Surveyor: S. Bucklin PSR: M-505-095-M-505-094

Customer: City of Hobart Clean Date: Shape: C

Street: West 3rd Street Flow Control: Not Controlled

City: Hobart, IN Year Renewed:
Location: Easement/Right of Way Tape/Media #:

Purpose:Routine AssessmentDia/Height:18"Use:Sanitary Sewage PipeMaterial:RCPDrain Area:Lining:None

Category: NA

Comment:

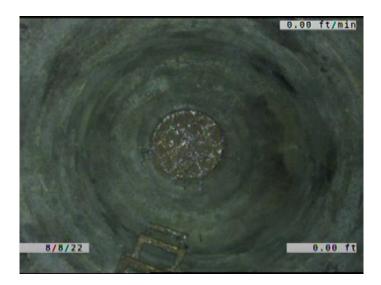
Location Details: Direction of Survey: Upstream

US MH: M-505-095 DS MH: M-505-094 Total Length Surveyed (ft): 324.5

2.80 3L2B 235.00 O&M Index: O&M Quick: O&M Rating: 3.89 5646 70.00 Structural Rating: Structural Index: Structural Quick: 2.99 305.00 5646 Overall Quick: Overall Index: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
M(505-	094				
\mathcal{L}	0.	AMH	Manhole	1	NA
-11	0.	MWL	Miscellaneous Water Level	68	NA
-11	3.8	RMJ(S01)	Roots Medium Joint	117	M 3
-11	3.9	JOLD	Joint Offset Large Defective	151	S 4
	27.0	SRP	Surface Damage Reinforcement Projecting	240	S 5
- 11	1∭27.0	SRV	Surface Damage Reinforcement Visible	250	S 4
-11	27.4	BSV	Broken Soil Visible	295	S 5
-11	27.7	TBD	Tap Break-in/Hammer Defective	311	M 3
	-√ \36.6	TBI	Tap Break-in Intruding	409	M 2
s	59.5	DAE	Deposits Attached Encrustation	525	M 2
Camera Direction	71.3	MWL	Miscellaneous Water Level	581	NA
	77.7	DAE	Deposits Attached Encrustation	663	M 2
ner.	87.3	JOMD	Joint Offset Medium Defective	963	S 3
ž 📑	89.1	TBI	Tap Break-in Intruding	1017	M 2
	92.1	В	Broken	1063	S 4
	92.1	TBI	Tap Break-in Intruding	1087	M 2
1	92.9	JOMD	Joint Offset Medium Defective	1109	S 3
	99.4	MWL	Miscellaneous Water Level	1146	NA
	127.8	DAE	Deposits Attached Encrustation	1243	M 2

133.3	DAE	Deposits Attached Encrustation	1278	M 2
145.5	DAE	Deposits Attached Encrustation	1338	M
157.5	JSM	Joint Separated Medium	1406	S 3
179.2	DAE	Deposits Attached Encrustation	1499	M
187.6	MWLS	Miscellaneous Water Level Sag	1549	S 2
//190.0	В	Broken	1579	S 4
_///190.4	ТВІ	Tap Break-in Intruding	1592	M
<u>/// 193.6</u>	ТВІ	Tap Break-in Intruding	1660	M 2
196.8	SRP	Surface Damage Reinforcement Projecting	1727	S 5
197.0	TBD	Tap Break-in/Hammer Defective	1741	M 3
217.9	MWL	Miscellaneous Water Level	1829	NA
217.9	LL	Line Left	1837	M :
222.4	JAM	Joint Angular Medium	1890	S 3
242.4	DAE	Deposits Attached Encrustation	1984	M 2
243.8	DAE	Deposits Attached Encrustation	2026	M
<u>-</u> / 255.6	SRP	Surface Damage Reinforcement Projecting	2109	S 5
291.7	В	Broken	2328	S 4
	ТВІ	Tap Break-in Intruding	2353	M
294.6	В	Broken	2403	S 4
294.9	ТВІ	Tap Break-in Intruding	2422	M
302.8	BVV	Broken Void Visible	2545	S 5
303.1	TBD	Tap Break-in/Hammer Defective	2561	M S
309.8	SSS	Surface Damage Surface Spalling	2619	S 2
309.9	SRP	Surface Damage Reinforcement Projecting	2632	S 5
309.9	TBD	Tap Break-in/Hammer Defective	2649	М 3
323.8	RMJ(F01)	Roots Medium Joint	2730	M S
324.5	АМН	Manhole	2797	NA



Code: AMH Description: Manhole

Distance (ft): .0 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: M-505-094



MWL Code:

Description: **Miscellaneous Water Level**

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

Clock Start/From:

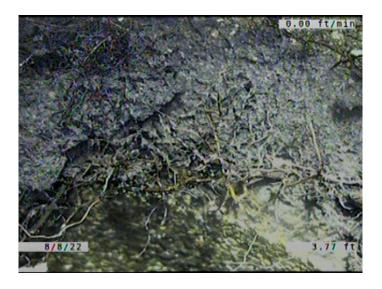
Clock To: 1st Value: 2nd Value:

Value Percent: 15.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 3.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value:

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

Remarks:



Code: JOLD

Description: Joint Offset Large Defective

Distance (ft): 3.9
Structural Grade: 4

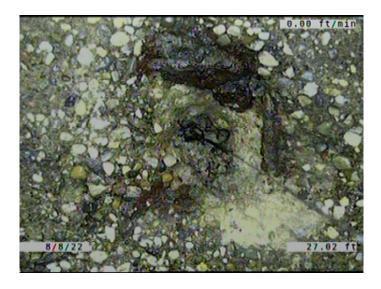
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: SRP

Description: Surface Damage Reinforcement

Projecting

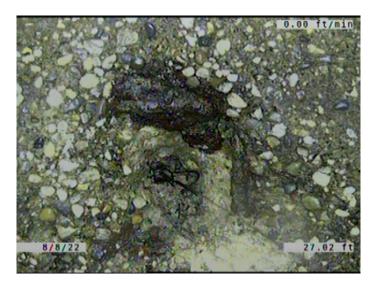
Distance (ft): 27.0
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 12
Clock To: 1

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

Within 8" of Joint:

Remarks:

YES



Code: SRV

Description: Surface Damage Reinforcement

Visible

Distance (ft): 27.0
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: BSV

Description: Broken Soil Visible

Distance (ft): 27.4
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 2
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 27.7
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 3

Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER.



Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 36.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9

Clock To:

 1st Value:
 6.000

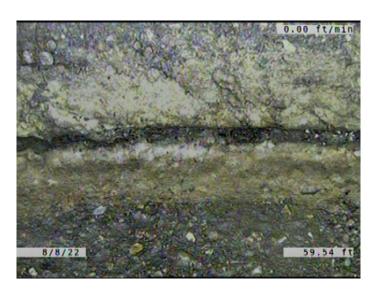
 2nd Value:
 2.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: COULD BE CAPPED. CANT TELL FOR

SURE. 95% PLUGGED WITH ROOTS.



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 59.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9
Clock To: 3
1st Value:
2nd Value:

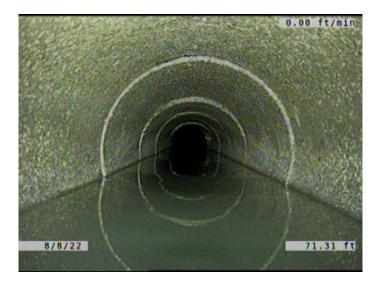
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

.



Code: MWL

Description: **Miscellaneous Water Level**

Distance (ft): 71.3 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

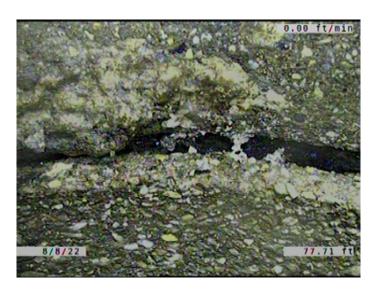
Value Percent: 30.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation**

77.7 Distance (ft): 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: JOMD

Description: Joint Offset Medium Defective

Distance (ft): 87.3
Structural Grade: 3
O&M Grade: 0

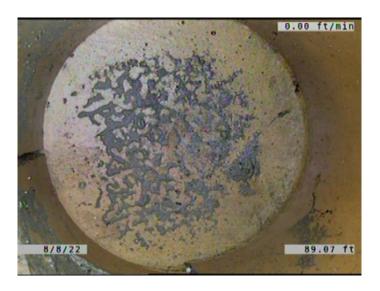
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 89.1
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 3

Clock To:

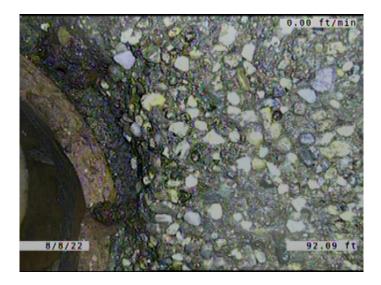
 1st Value:
 6.000

 2nd Value:
 2.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. CAPPED.



Code: B
Description: Broken

Distance (ft): 92.1
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:

Description:

Distance (ft): 92.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9

Clock To:

 1st Value:
 6.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

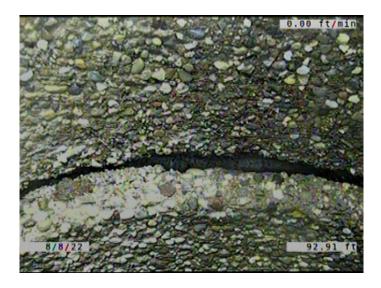
Within 8" of Joint: YES

Remarks: CAPPED. CAP BROKEN.

TBI

Tap Break-in Intruding





Code: **JOMD**

Description: **Joint Offset Medium Defective**

92.9 Distance (ft): 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



MWL Code:

Description: **Miscellaneous Water Level**

Distance (ft): 99.4 Structural Grade: 0 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

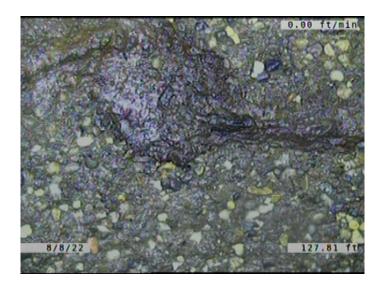
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 127.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10
Clock To: 11

1st Value: 2nd Value:

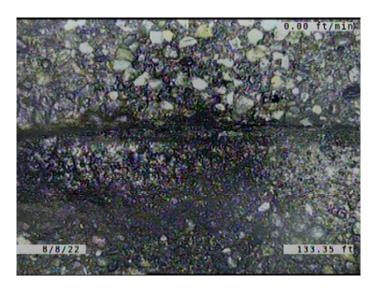
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 133.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 9
1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 145.5 Structural Grade: 0 2 O&M Grade: Clock Start/From: 1 Clock To: 2

1st Value: 2nd Value:

5.000 Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks:



JSM Code:

Description: **Joint Separated Medium**

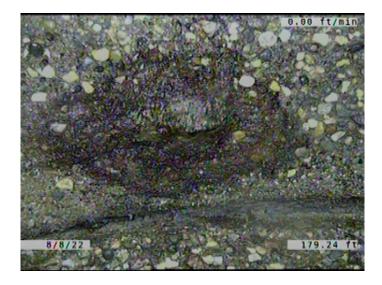
Distance (ft): 157.5 Structural Grade: 3 O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 179.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9
Clock To: 10

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 187.6
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

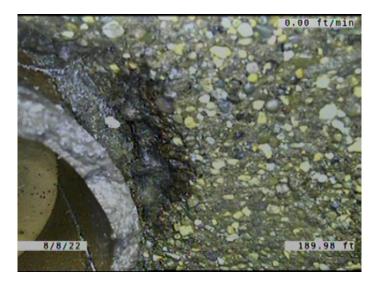
Clock To: 1st Value: 2nd Value:

Value Percent: 15.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: B
Description: Broken

Distance (ft): 190.0
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 11

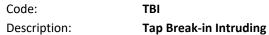
1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

YES

Remarks:

0.00 ft/min



Distance (ft): 190.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10

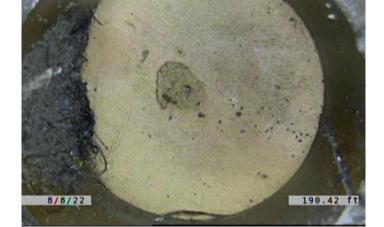
Clock To:

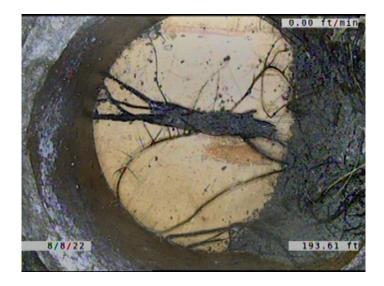
 1st Value:
 6.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES
Remarks: CAPPED.





Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 193.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

 1st Value:
 6.000

 2nd Value:
 1.000

Value Percent:

Continuous Index: Within 8" of Joint:

Remarks: CAPPED. ROOTS GROWING AROUND

THE CAP.

YES



Code: SRP

Description: Surface Damage Reinforcement

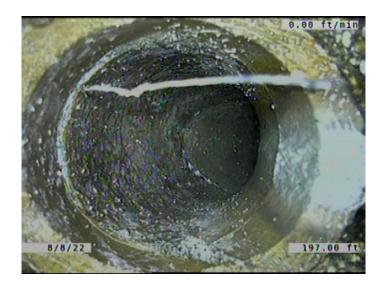
Projecting

Distance (ft): 196.8
Structural Grade: 5
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: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 197.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

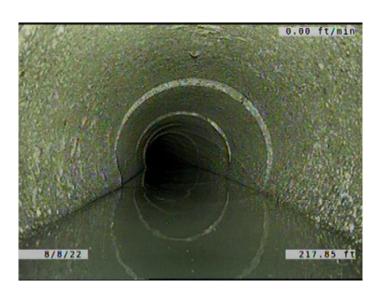
Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER.



Code: MWL

Description: Miscellaneous Water Level

Distance (ft): 217.9
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 25.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: LL

Description: Line Left

Distance (ft): 217.9
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: JAM

Description: Joint Angular Medium

Distance (ft): 222.4
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

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 242.4 Structural Grade: 0 2 O&M Grade: Clock Start/From: 11

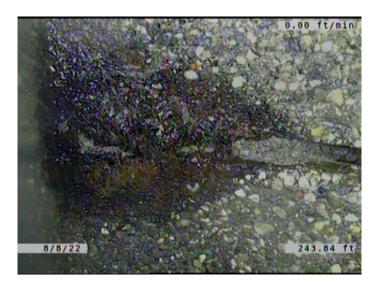
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 243.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 Clock To: 1st Value: 2nd Value:

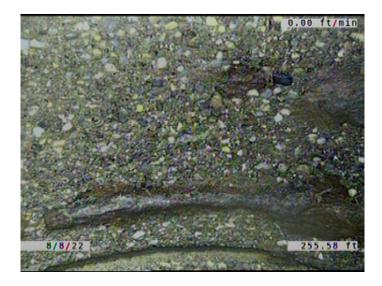
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: SRP

Description: Surface Damage Reinforcement

Projecting

Distance (ft): 255.6
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 2
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: B
Description: Broken

Distance (ft): 291.7
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 11

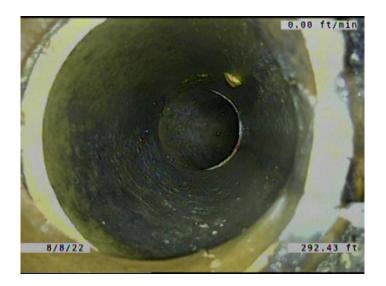
Clock To: 3

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

Remarks:

Within 8" of Joint:

YES



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 292.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 6.000

 2nd Value:
 2.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. CONSTANTLY

DRIPPING WATER.



Code: B
Description: Broken

Distance (ft): 294.6
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: YES

Remarks:



Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 294.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3

Clock To:

 1st Value:
 6.000

 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: TAP CRACKED. CAPPED.



Code: **BVV**

Description: Broken Void Visible

Distance (ft): 302.8
Structural Grade: 5

O&M Grade: 0

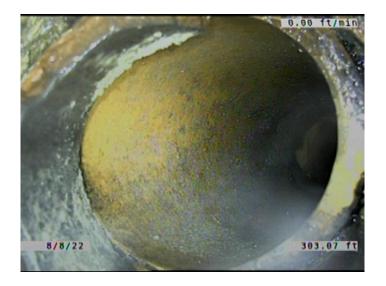
Clock Start/From: 1

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

Within 8" of Joint: YES

Remarks:

arks:



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 303.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 12

Clock To:

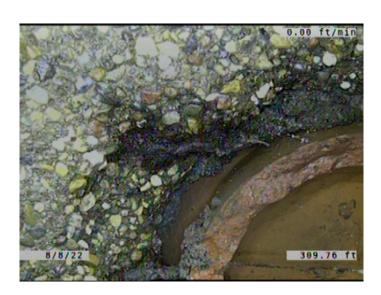
1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. AND MISSING PART OF

IT.



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 309.8

Structural Grade: 2

O&M Grade: 0

Clock Start/From: 2

Clock To: 4

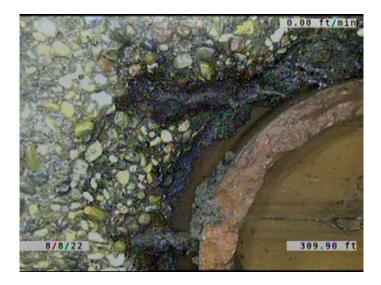
1st Value: 2

2nd Value: Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: SRP

Description: Surface Damage Reinforcement

Projecting

Distance (ft): 309.9
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 2

Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 309.9
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 3

Clock To:

1st Value: **6.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAPPED. ENCRUSTATION COMING AROUND THE CAP INTO THE MAIN.



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 323.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value:

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

Remarks:



Code: AMH
Description: Manhole

Distance (ft): 324.5
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: M-505-095