Profile/Photo Observation Report



Date: 01/15/2022 Weather: **PACP 7.0** Coding: Pipe Length (ft): 255.8 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: YES502259 S. Bucklin PSR: P-505-082-005 Surveyor:

Customer: City of Hobart Clean Date: 01/13/2021 Shape: C

Street: West 4th Street Flow Control: Not Controlled

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

Purpose:Routine AssessmentDia/Height:8"Use:Sanitary Sewage PipeMaterial:VCPDrain Area:Lining:None

Category: NA

Comment:

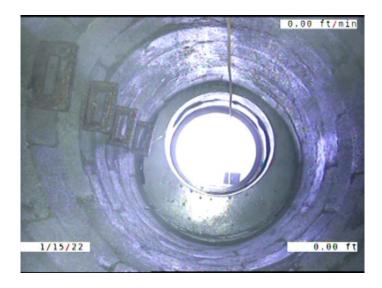
Location Details: Direction of Survey: Upstream

US MH: M-405-005 DS MH: M-505-082 Total Length Surveyed (ft): 255.8

1.93 312C 52.00 O&M Index: O&M Quick: O&M Rating: 2.52 5142 68.00 Structural Quick: Structural Rating: Structural Index: 2.22 120.00 5142 Overall Quick: Overall Index: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
505-	082				
\preceq	0.	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	61	NA
Ш	1.8	DAE	Deposits Attached Encrustation	109	M 2
н	1.9	MSC	Miscellaneous Shape/Size Change	152	NA
ш	1.9	MGO	Miscellaneous General Observation	163	NA
	4.3	MWL	Miscellaneous Water Level	204	NA
П	5.8	DAE	Deposits Attached Encrustation	235	M 2
ш	5.8	DAE	Deposits Attached Encrustation	255	M 2
ш	11.9	DAE	Deposits Attached Encrustation	323	M 2
Щ	14.0	MWL	Miscellaneous Water Level	358	NA
ш	19.5	MWL	Miscellaneous Water Level	451	NA
ш	20.9	DAE	Deposits Attached Encrustation	497	M 2
Ш	24.2	DAE	Deposits Attached Encrustation	560	M 2
П	24.2	JSM	Joint Separated Medium	576	S 3
	26.0	MWL	Miscellaneous Water Level	610	NA
	34.8	DAE	Deposits Attached Encrustation	651	M 2
	41.4	DAE	Deposits Attached Encrustation	686	M 2
Ш	41.6	MWLS(S02)	Miscellaneous Water Level Sag	703	S 2
	48.9	DSF(S03)	Deposits Settled Fine	773	M 2

	53.4	TF	Tap Factory	810	NA
ш	55.4	TF	Tap Factory	869	NA
	62.2	DAE	Deposits Attached Encrustation	930	M 2
ш	62.2	MWLS(F02)	Miscellaneous Water Level Sag	940	S 2
+	62.2	DSF(F03)	Deposits Settled Fine	948	M 2
1111	62.4	DAE	Deposits Attached Encrustation	931	M 2
	68.2	IW	Infiltration Weeper	987	M 2
	68.2	IW	Infiltration Weeper	988	M 2
	83.0	DAE	Deposits Attached Encrustation	843	M 2
	83.3	IW	Infiltration Weeper	849	M 2
	90.2	MWLS(S04)	Miscellaneous Water Level Sag	1095	S 2
\Box	91.1	DAE	Deposits Attached Encrustation	1108	M 2
//	101.0	DAE	Deposits Attached Encrustation	1161	M 2
	107.5	MWLS(F04)	Miscellaneous Water Level Sag	1186	S 2
	111.7	MWLS(S06)	Miscellaneous Water Level Sag	1221	S 2
₩	124.6	DAGS	Deposits Attached Grease	1372	M 2
+	129.5	MWLS(F06)	Miscellaneous Water Level Sag	1419	S 2
	135.5	DAE	Deposits Attached Encrustation	1449	M 2
$\ \cdot \ $	138.4	MWLS(S07)	Miscellaneous Water Level Sag	1462	S 2
	147.7	TF	Tap Factory	1505	NA
Ш	147.8	MWLS(F07)	Miscellaneous Water Level Sag	1523	S 2
Ш	150.0	TF	Tap Factory	1545	NA
ш	152.1	MWLS(S08)	Miscellaneous Water Level Sag	1571	S 2
	153.9	LR	Line Right	1586	M 1
+	163.9	DAE	Deposits Attached Encrustation	1618	M 3
	163.9	MWLS(F08)	Miscellaneous Water Level Sag	1624	S 2
	181.2	CM	Crack Multiple	1773	S 3
	181.2	ISB	Infiltration Stain Barrel	1786	M 1
$\ \ \ $	187.4	MWLS(S09)	Miscellaneous Water Level Sag	1824	S 2
	189.3	DAE	Deposits Attached Encrustation	1841	M 2
	198.0	MWLS(F09)	Miscellaneous Water Level Sag	1871	S 2
	199.4	DAE	Deposits Attached Encrustation	1884	M 2
	199.8	IS	Infitration Stain	1885	M 1
	211.1	В	Broken	1936	S 4
	211.1	BSV	Broken Soil Visible	1976	S 5
+	212.7	MWLS(S10)	Miscellaneous Water Level Sag	2002	S 3
Ш,	234.9	MWLS(F10)	Miscellaneous Water Level Sag	2161	S 3
	246.9	JSM	Joint Separated Medium	2233	S 3
+	246.9	JAL	Joint Angular Large	2250	S 4
ш	255.8	AMH	Manhole	2370	NA



Code: AMH
Description: Manhole

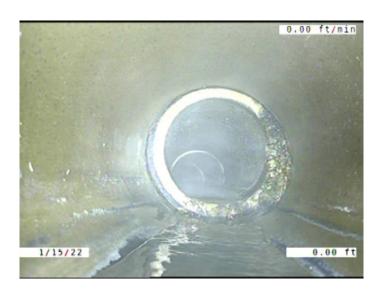
Distance (ft): .0
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: M-505-082



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:

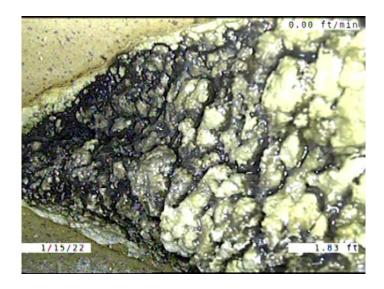
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:

arks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 1.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12
Clock To: 5

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MSC

Description: Miscellaneous Shape/Size Change

Distance (ft): 1.9
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

Clock To:

1st Value: **8.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: MGO

Description: Miscellaneous General Observation

Distance (ft): 1.9
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: 10" TO 8"



Code: MWL

Description: Miscellaneous Water Level

Distance (ft): 4.3
Structural Grade: 0

O&M Grade: 0

Clock Start/From:

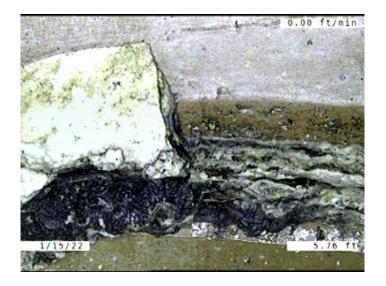
Clock To: 1st Value: 2nd Value:

Value Percent: 20.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 5.8 Structural Grade: 0 2 O&M Grade: Clock Start/From: 1 Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 5.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 9 Clock To: 10 1st Value:

2nd Value: Value Percent:

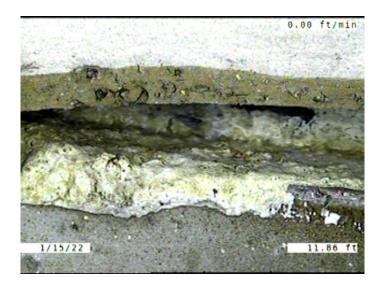
Continuous Index:

Within 8" of Joint:

Remarks:

YES

5.000



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 11.9 Structural Grade: 0 2 O&M Grade: Clock Start/From: 9 Clock To: 3

1st Value:

2nd Value: 5.000 Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



MWL Code:

Description: **Miscellaneous Water Level**

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

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 35.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: MWL

Description: **Miscellaneous Water Level**

Distance (ft): 19.5 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

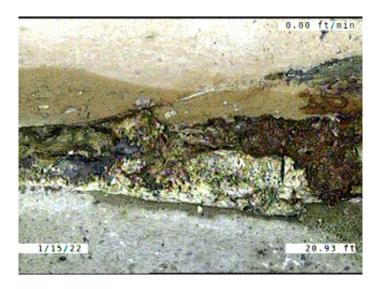
Clock To: 1st Value: 2nd Value:

Value Percent: 20.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 20.9 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 9 3 Clock To: 1st Value: 2nd Value:

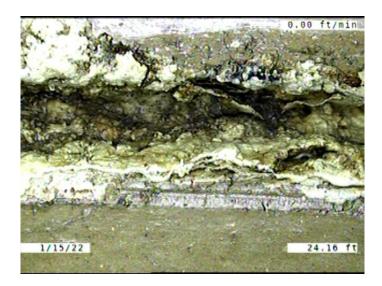
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 24.2 Structural Grade: 0 2 O&M Grade: Clock Start/From: 8 Clock To: 4

1st Value:

2nd Value:

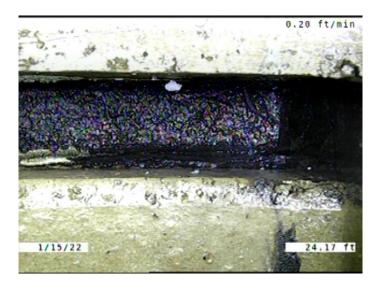
5.000 Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JSM

Description: **Joint Separated Medium**

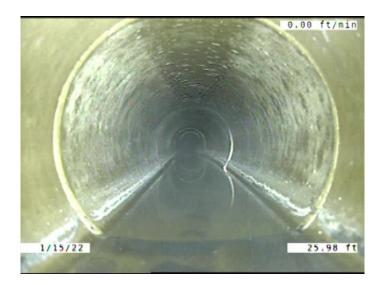
Distance (ft): 24.2 Structural Grade: 3 O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks:



Code: MWL

Description: **Miscellaneous Water Level**

Distance (ft): 26.0 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 34.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 Clock To: 4 1st Value: 2nd Value:

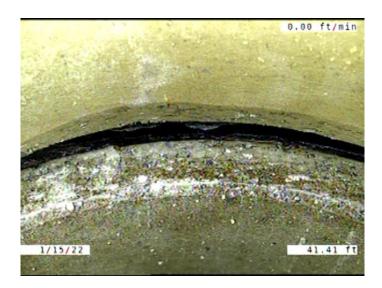
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 41.4 Structural Grade: 0 2 O&M Grade: 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**

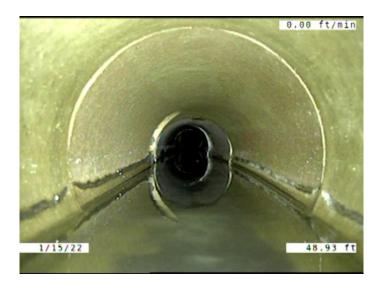
Distance (ft): 41.6 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 20.000 Continuous Index: **S02** Within 8" of Joint: NO

Remarks:



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 48.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S03
Within 8" of Joint: YES

Remarks:



Code: TF

Description: Tap Factory

Distance (ft): 53.4
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 10

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER.
SECOND JOINT BACK LARGE ANGLE



Code: TF

Description: **Tap Factory**

Distance (ft): 55.4 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 3

Clock To:

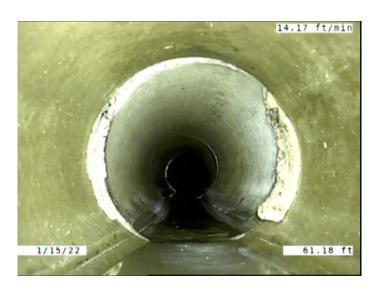
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 62.2 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 2 Clock To: 4 1st Value:

2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

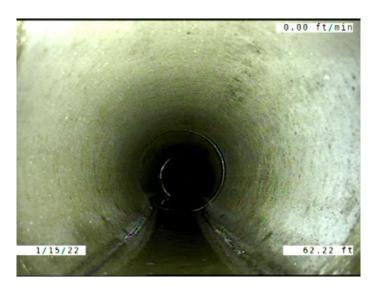
Distance (ft): 62.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 20.000
Continuous Index: F02
Within 8" of Joint: NO

Remarks:



Code: **DSF**

Description: Deposits Settled Fine

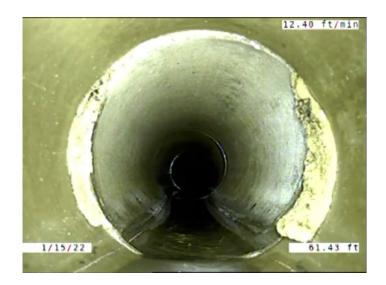
Distance (ft): 62.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:

Value Percent: 5.000
Continuous Index: F03
Within 8" of Joint: YES

Remarks:

2nd Value:

in 8" of Joint:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 62.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 8

Clock To: 10

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: IW

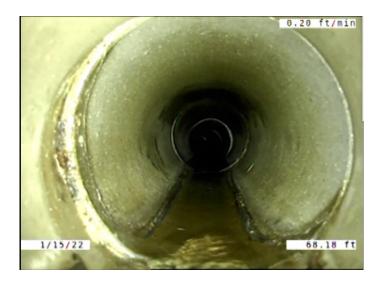
Description: Infiltration Weeper

Distance (ft): 68.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 10
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



1/15/22

Code: IW

Description: **Infiltration Weeper**

Distance (ft): 68.2 Structural Grade: 0 2 O&M Grade: Clock Start/From: 4 Clock To: 5

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

Within 8" of Joint:

Remarks:

Code:

15.35 ft/min

82.98 ft

DAE Description: **Deposits Attached Encrustation**

YES

Distance (ft): 83.0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 Clock To: 10 1st Value:

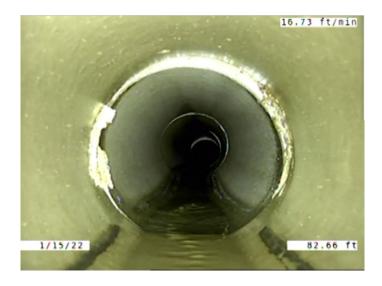
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: IW

Description: **Infiltration Weeper**

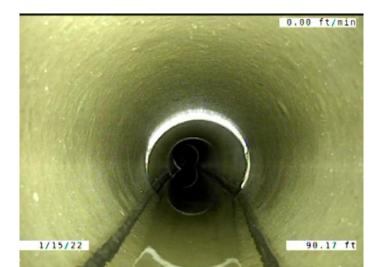
Distance (ft): 83.3 Structural Grade: 0 2 O&M Grade: Clock Start/From: 2 Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

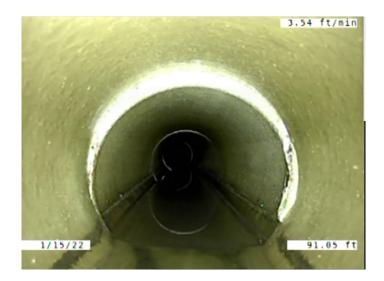
Distance (ft): 90.2 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 91.1
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 3

Clock To: 4

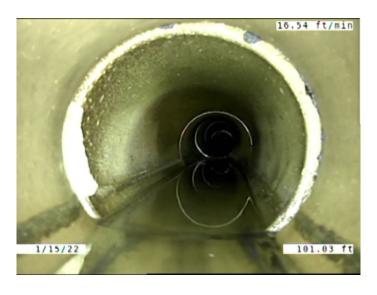
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 101.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 9
1st Value:

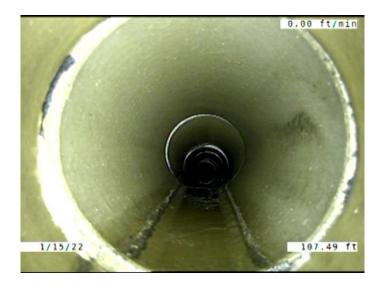
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

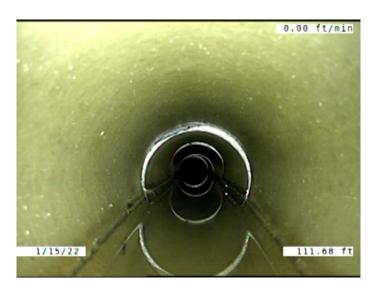
Distance (ft): 107.5 Structural Grade: 2 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

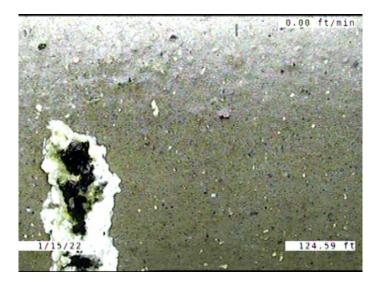
Distance (ft): 111.7 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 20.000 Continuous Index: **S06** Within 8" of Joint: NO

Remarks:



Code: DAGS

Description: **Deposits Attached Grease**

Distance (ft): 124.6 Structural Grade: 0 2 O&M Grade: Clock Start/From: 11 Clock To: 12

1st Value: 2nd Value:

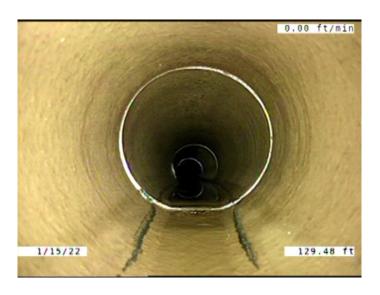
5.000 Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

Distance (ft): 129.5 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 20.000 Continuous Index: F06 Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 135.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 9

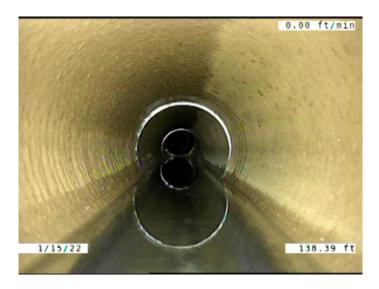
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 138.4
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: S07
Within 8" of Joint: NO

Remarks:



Code: **TF**

Description: Tap Factory

Distance (ft): 147.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

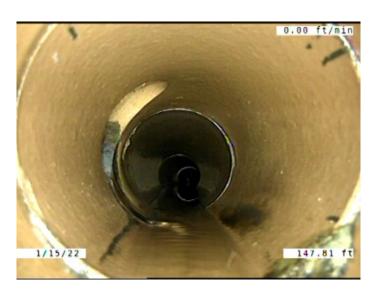
Clock To:

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): 147.8
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: F07
Within 8" of Joint: NO

Remarks:

itnin 8 (



Code: **TF**

Description: Tap Factory

Distance (ft): 150.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

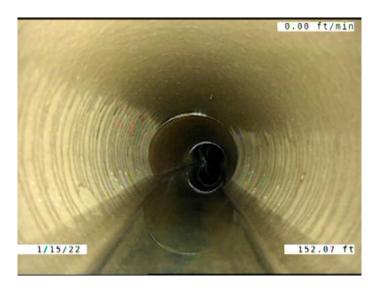
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER.
SECOND JOINT BACK OFFSET AND A



Code: MWLS

Description: Miscellaneous Water Level Sag

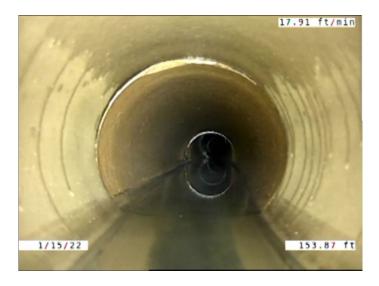
Distance (ft): 152.1
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S08
Within 8" of Joint: NO

Remarks:



Code: LR

Description: **Line Right**

Distance (ft): 153.9 Structural Grade: 0 O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

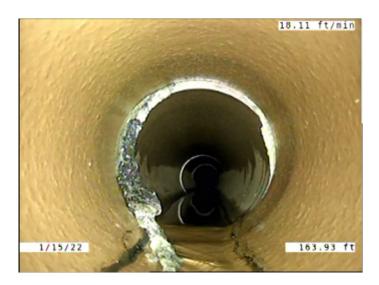
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation**

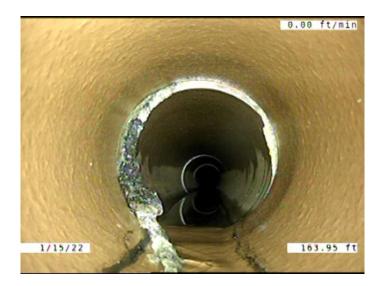
Distance (ft): 163.9 Structural Grade: 0 O&M Grade: 3 Clock Start/From: 6 3 Clock To: 1st Value: 2nd Value:

Value Percent: 15.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

Distance (ft): 163.9
Structural Grade: 2
O&M Grade: 0

Clock To: 1st Value: 2nd Value:

Clock Start/From:

Value Percent: 15.000
Continuous Index: F08
Within 8" of Joint: NO

Remarks:



Code: CM

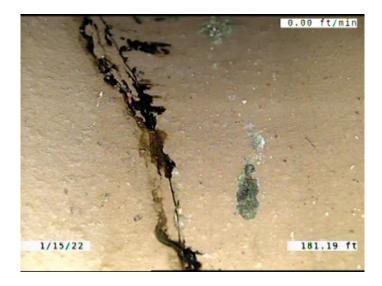
Description: Crack Multiple

Distance (ft): 181.2
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 5
Clock To: 10
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: ISB

Description: **Infiltration Stain Barrel**

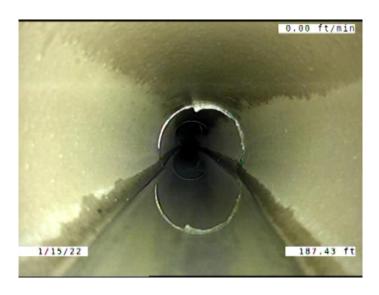
Distance (ft): 181.2 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 7 Clock To: 10

1st Value: 2nd Value: Value Percent:

Continuous Index: Within 8" of Joint:

Remarks:

YES



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

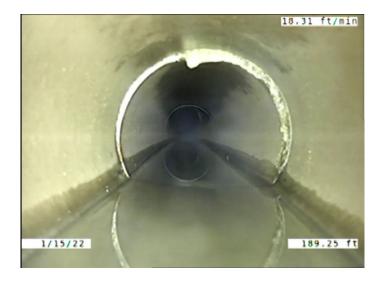
Distance (ft): 187.4 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 Continuous Index: **S09** Within 8" of Joint: NO

Remarks:



1/15/22

Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 189.3 Structural Grade: 0 2 O&M Grade: Clock Start/From: 12 Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

Code:

0.00 ft/min

198.09 ft

MWLS Description: **Miscellaneous Water Level Sag**

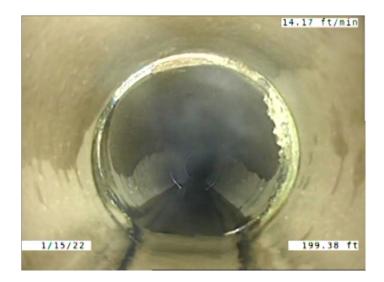
Distance (ft): 198.0 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000 F09 Continuous Index: Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 199.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2
Clock To: 4

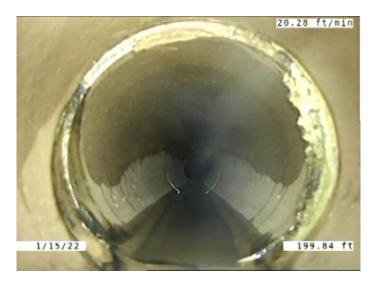
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: IS

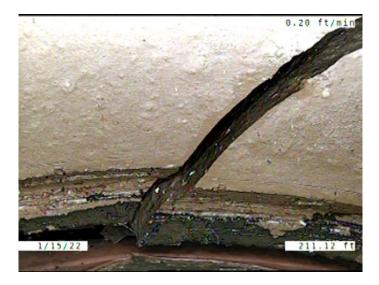
Description: Infitration Stain

Distance (ft): 199.8
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 7
Clock To: 10
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

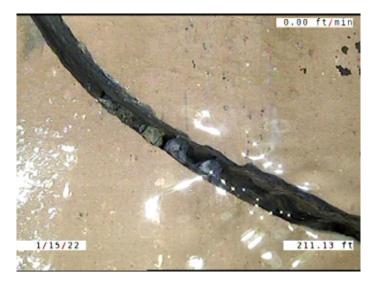
Remarks:



Code: B
Description: Broken

Distance (ft): 211.1 Structural Grade: 4 0 O&M Grade: Clock Start/From: 11 Clock To: 2 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: BSV

Description: Broken Soil Visible

Distance (ft): 211.1
Structural Grade: 5

O&M Grade: 0

Clock Start/From: 4

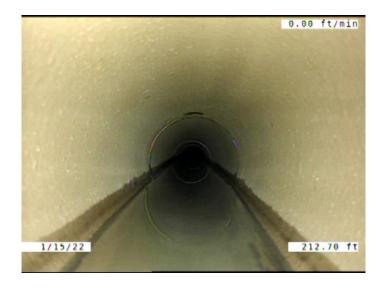
Clock To: 7

1st Value: 2

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

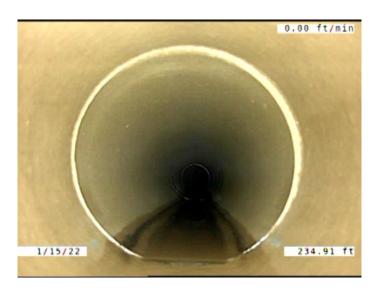
Distance (ft): 212.7 Structural Grade: 3 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 35.000 **S10** Continuous Index: Within 8" of Joint: NO

Remarks:



Code: **MWLS**

Description: **Miscellaneous Water Level Sag**

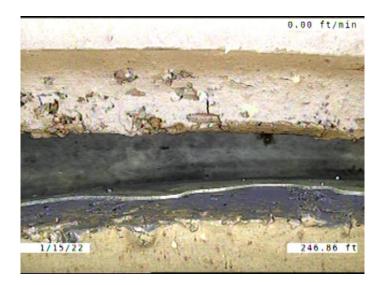
Distance (ft): 234.9 Structural Grade: 3 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 35.000 Continuous Index: F10 Within 8" of Joint: NO

Remarks:



Code: JSM

Description: Joint Separated Medium

Distance (ft): 246.9
Structural Grade: 3
O&M Grade: 0

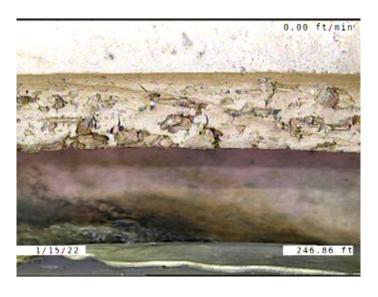
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: JAL

Description: Joint Angular Large

Distance (ft): 246.9
Structural Grade: 4
O&M Grade: 0

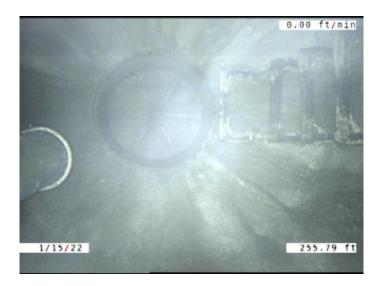
Clock Start/From:

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

Within 8" of Joint: NO

Remarks:

0 01 1011111



Code: AMH
Description: Manhole

Distance (ft): 255.8
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-405-005