## **Profile/Photo Observation Report**



Date: **PACP 7.0** 11/19/2021 Weather: Coding: Pipe Length (ft): 336.6 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-604-098-097 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 11/19/2021 Shape: C

Street: North Pennsylvania Street Flow Control: Not Controlled

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

Purpose:Routine AssessmentDia/Height:12"Use:Sanitary Sewage PipeMaterial:PVCDrain Area:Lining:None

Sidni Arcu.

Category: NA

Comment:

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

US MH: M-604-097 DS MH: M-604-098 Total Length Surveyed (ft): 336.6

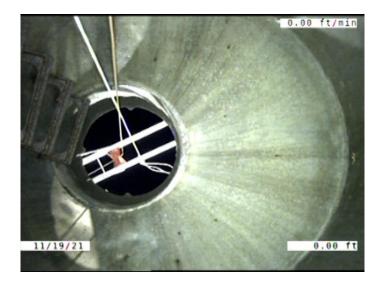
O&M Index:1.90O&M Quick:412EO&M Rating:78.00Structural Index:2.93Structural Quick:4B35Structural Rating:117.00Overall Index:2.41Overall Quick:4B35Overall Rating:195.00

	Position	Code	Observation	Video (sec)	Grade
1(604-	097				
$\overline{}$	0. /	AMH	Manhole	1	NA
ш	0.	MWL	Miscellaneous Water Level	65	NA
ш	1.3	TF	Tap Factory	102	NA
ш	90.2	MWLS	Miscellaneous Water Level Sag	384	S 2
ш	93.2	TF	Tap Factory	413	NA
ш	95.2	TF	Tap Factory	444	NA
ш	147.4	TF	Tap Factory	637	NA
ш	173.6	TF	Tap Factory	752	NA
ш	175.4	JOL	Joint Offset Large	776	S 4
ш	175.4	MWLS(S01)	Miscellaneous Water Level Sag	790	S 2
ш	188.8	MMC	Miscellaneous Material Change	883	NA
ш	190.5	IRJ	Infiltration Runner Joint	914	M 4
ш	195.6	TF	Tap Factory	960	NA
ш	197.0	SSS	Surface Damage Surface Spalling	986	S 2
ш	198.8	FM	Fracture Multiple	1050	S 4
	200.8	В	Broken	1111	S 4
.	201.0	DSF(S02)	Deposits Settled Fine	1131	M 2
ш	202.8	В	Broken	1172	S 4
	202.8	RFJ	Roots Fine Joint	1190	M 1

	202.8	MWLS(F01)	Miscellaneous Water Level Sag	1203	S 2
	204.8	FM(S03)	Fracture Multiple	1319	S 4
	204.9	RFJ	Roots Fine Joint	1259	M 1
	211.3	SSS	Surface Damage Surface Spalling	1418	S 2
1	213.4	MWLS(S04)	Miscellaneous Water Level Sag	1442	S 2
	215.3	ISJ	Infiltration Stain Joint	1480	M 1
	217.9	ISJ	Infiltration Stain Joint	1571	M 1
	219.5	ISJ	Infiltration Stain Joint	1604	M 1
4	221.3	JOM	Joint Offset Medium	1629	S 3
	223.6	MMC	Miscellaneous Material Change	1665	NA
	225.3	FM(F03)	Fracture Multiple	1790	S 4
	245.2	TF	Tap Factory	1868	NA
₩	254.7	MMC	Miscellaneous Material Change	1948	NA
7	254.7	FM(S05)	Fracture Multiple	1979	S 4
∦	254.7	MWLS(F04)	Miscellaneous Water Level Sag	1992	S 2
1	256.4	DAE	Deposits Attached Encrustation	2047	M 2
]	278.9	DAE	Deposits Attached Encrustation	2187	M 2
	281.1	В	Broken	2231	S 4
III	284.8	MWLS(S06)	Miscellaneous Water Level Sag	2272	S 2
╢	291.6	FM(F05)	Fracture Multiple	2318	S 4
II	292.0	ISB	Infiltration Stain Barrel	2351	M 1
]	293.4	MMC	Miscellaneous Material Change	2406	NA
	296.3	TF	Tap Factory	2442	NA
III	298.0	MMC	Miscellaneous Material Change	2492	NA
III	298.0	MWLS(F06)	Miscellaneous Water Level Sag	2512	S 2
M	306.4	CM	Crack Multiple	2560	S 3
	308.1	DAE	Deposits Attached Encrustation	2580	M 2
	310.1	DAE	Deposits Attached Encrustation	2631	M 2
_///	316.6	CM(S08)	Crack Multiple	2686	S 3
//	318.4	DAE(S07)	Deposits Attached Encrustation	2730	M 2
	331.7	CM(F08)	Crack Multiple	2815	S 3
_/	334.4	DSF(F02)	Deposits Settled Fine	2837	M 2
	334.4	DAE(F07)	Deposits Attached Encrustation	2854	M 2
<u>-1/</u>	336.6	AMH	Manhole	2933	NA

Tuesday, April 25, 2023 2

M(604<del>)</del>098



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:

Remarks: M-604-097



Code: MWL

Description: Miscellaneous Water Level

NO

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

Clock Start/From:

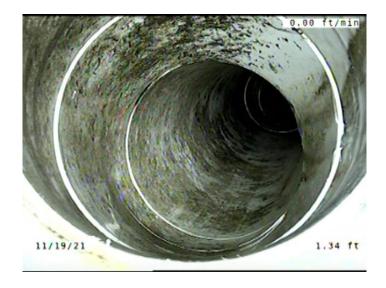
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Description: Tap Factory

Distance (ft): 1.3
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): 90.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

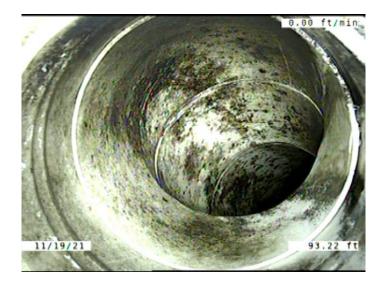
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:

arke.



Description: Tap Factory

Distance (ft): 93.2
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: TF

Description: Tap Factory

Distance (ft): 95.2
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:



Description: Tap Factory

Distance (ft): 147.4
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:

Remarks:

YES



Code: **TF** 

Description: Tap Factory

Distance (ft): 173.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

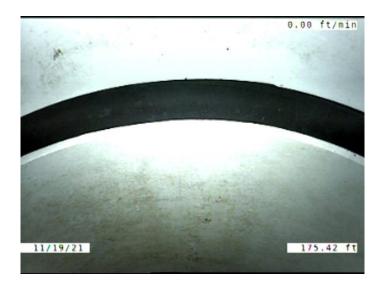
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: JOL

Description: **Joint Offset Large** 

Distance (ft): 175.4 Structural Grade: 0 O&M Grade:

Clock Start/From:

Clock To:

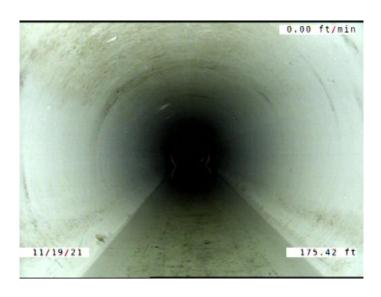
1st Value: 1.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

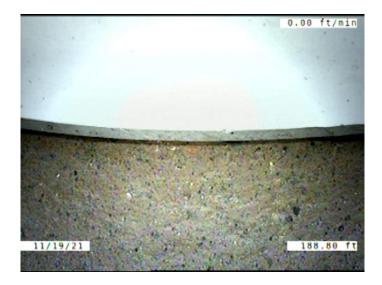
Distance (ft): 175.4 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: **S01** Within 8" of Joint: NO

Remarks:



Code: MMC

Description: Miscellaneous Material Change

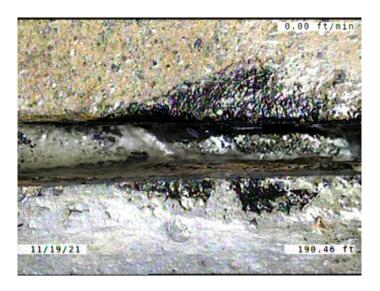
Distance (ft): 188.8
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: PVC TO VCP



Code: IRJ

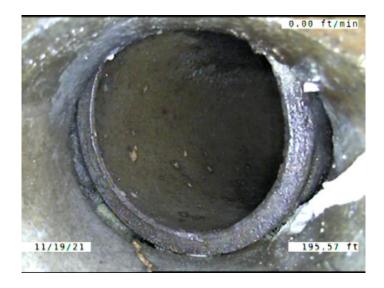
Description: Infiltration Runner Joint

Distance (ft): 190.5
Structural Grade: 0
O&M Grade: 4
Clock Start/From: 3

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

Within 8" of Joint: YES

Remarks:



Description: **Tap Factory** 

Distance (ft): 195.6 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 1

Clock To:

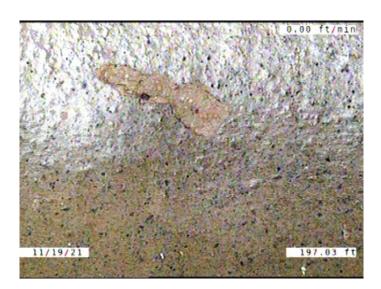
1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **BROKEN. OFFSET. SOIL AND ROOTS** 

**VISIBLE** 



SSS Code:

Description: **Surface Damage Surface Spalling** 

Distance (ft): 197.0 Structural Grade: 2 O&M Grade: 0

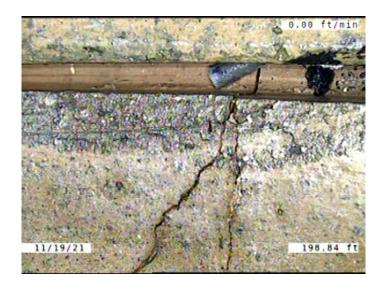
Clock Start/From: 11 Clock To:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

1st Value:



Code: FM

Description: Fracture Multiple

Distance (ft): 198.8
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 12
Clock To: 3

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

Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

2nd Value:

Value Percent:

Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: **DSF** 

Description: Deposits Settled Fine

Distance (ft): 201.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S02
Within 8" of Joint: YES

Remarks:



Code: B

Description: Broken

Distance (ft): 202.8
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: RFJ

Description: **Roots Fine Joint** 

Distance (ft): 202.8 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 10 Clock To: 11

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

Within 8" of Joint:

Remarks:

YES



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

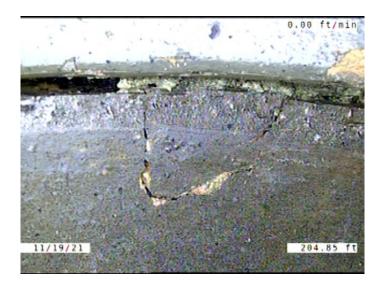
Distance (ft): 202.8 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: F01 Within 8" of Joint: NO

Remarks:



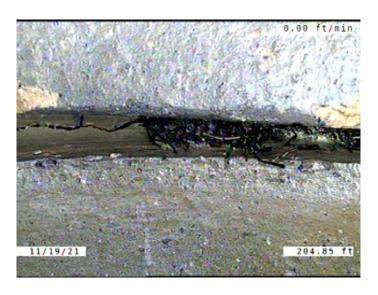
Code: FM
Description: Fracture Multiple

Distance (ft): 204.8
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 4
1st Value:
2nd Value:

Continuous Index: \$03
Within 8" of Joint: YES

Remarks:

Value Percent:

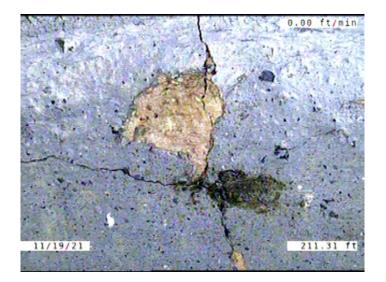


Code: RFJ

Description: Roots Fine Joint

Distance (ft): 204.9 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 2 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: SSS

Description: **Surface Damage Surface Spalling** 

Distance (ft): 211.3 Structural Grade: 2 O&M Grade: 0 2

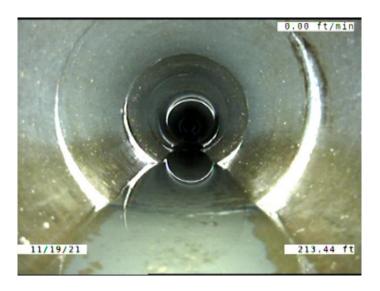
Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

YES

Remarks:



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

Distance (ft): 213.4 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: **S04** Within 8" of Joint: NO

Remarks:



Code: ISJ

Description: **Infiltration Stain Joint** 

Distance (ft): 215.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 12 Clock To: 4

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

Within 8" of Joint: YES

Remarks:

Code: ISJ

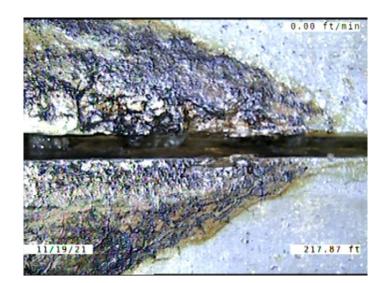
Description: **Infiltration Stain Joint** 

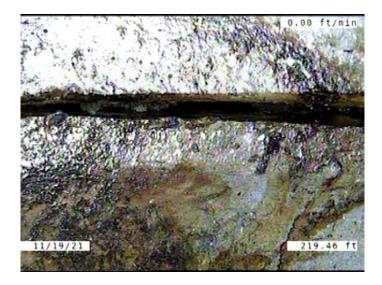
Distance (ft): 217.9 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 7 Clock To: 10 1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:





Code: ISJ

Description: Infiltration Stain Joint

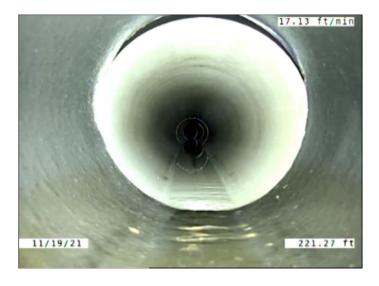
Distance (ft): 219.5
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 7
Clock To: 9

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

Within 8" of Joint:

Remarks:

YES



Code: **JOM** 

Description: Joint Offset Medium

Distance (ft): 221.3
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

Remarks:

.



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 223.6
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



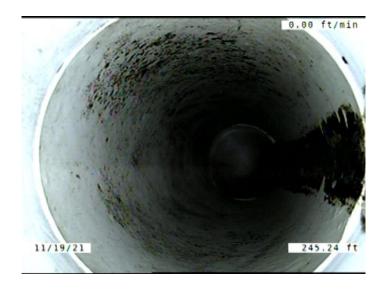
Code: FM

Description: Fracture Multiple

Distance (ft): 225.3
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Continuous Index: F03
Within 8" of Joint: YES

Remarks:



Description: **Tap Factory** 

Distance (ft): 245.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

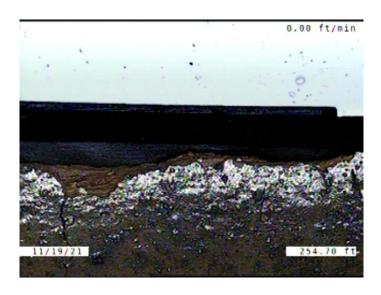
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 254.7
Structural Grade: 0

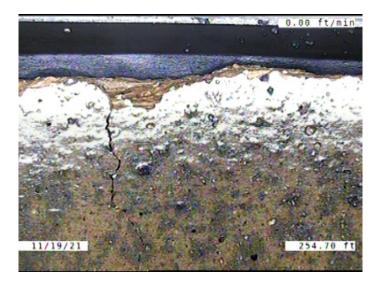
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: PVC TO VCP



Code: FΜ

Description: **Fracture Multiple** 

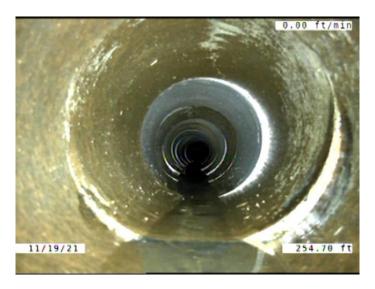
Distance (ft): 254.7 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 12

Clock To: 12 1st Value:

2nd Value: Value Percent:

Continuous Index: **S05** Within 8" of Joint: YES

Remarks:



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

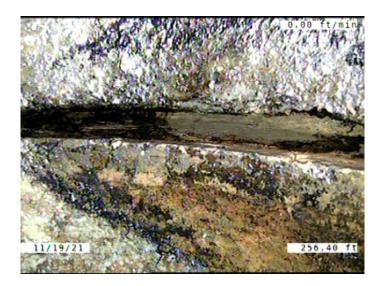
Distance (ft): 254.7 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 256.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2
Clock To: 10

1st Value: 2nd Value:

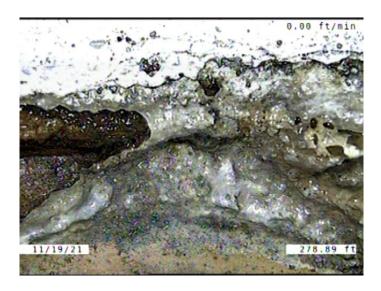
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 278.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 4
1st Value:

2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: Description: Broken

Distance (ft): 281.1 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:

Remarks:



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

YES

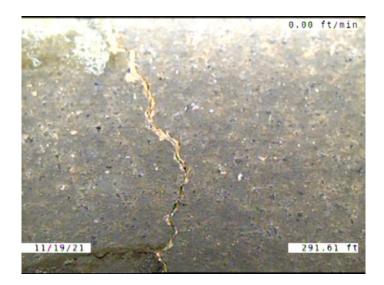
Distance (ft): 284.8 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: FM

Description: Fracture Multiple

Distance (ft): 291.6
Structural Grade: 4

O&M Grade: 0

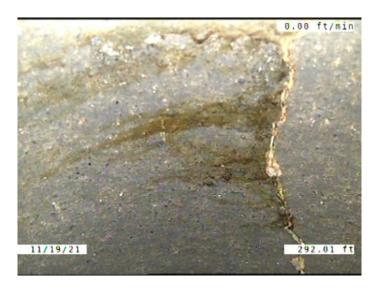
Clock Start/From: 12

Clock To: 12 1st Value: 2nd Value:

Continuous Index: F05
Within 8" of Joint: YES

Remarks:

Value Percent:



Code: ISB

Description: Infiltration Stain Barrel

Distance (ft): 292.0
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 9
Clock To: 12
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

NO



Code: MMC

Description: Miscellaneous Material Change

Distance (ft): 293.4
Structural Grade: 0

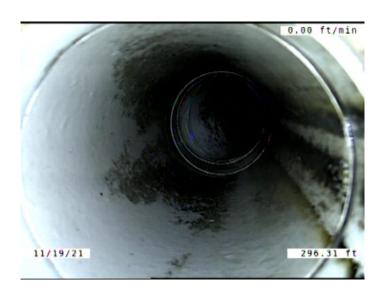
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: VCP TO PVC



Code: **TF** 

Description: Tap Factory

Distance (ft): 296.3
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 2

Clock To:

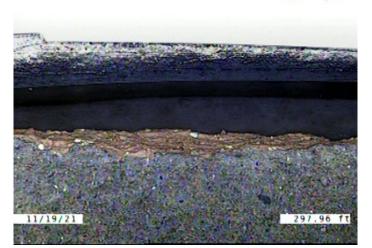
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

0.00 ft/min



Code: MMC

Description: **Miscellaneous Material Change** 

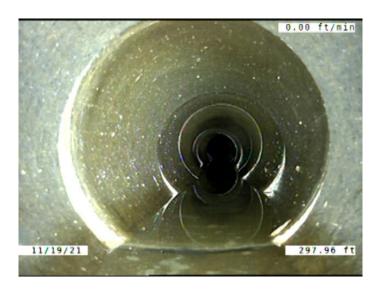
Distance (ft): 298.0 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: **PVC TO VCP** 



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

Distance (ft): 298.0 Structural Grade: 2 O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: F06 Within 8" of Joint: NO

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 306.4
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 1

Clock Start/From: 1
Clock To: 3

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

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 308.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1
Clock To: 4
1st Value:

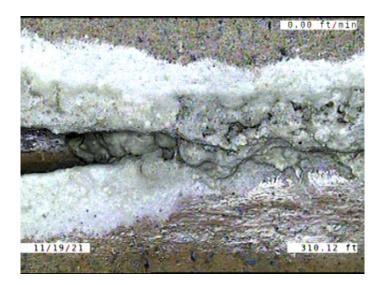
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 310.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 5

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: CM

Description: Crack Multiple

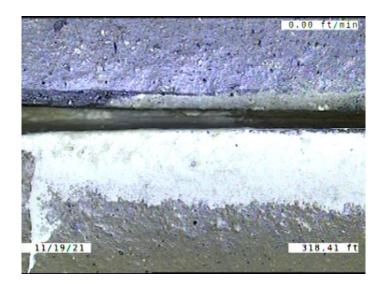
Distance (ft): 316.6
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 4

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

Within 8" of Joint:

S08 YES

Remarks: Wandering



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 318.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S07
Within 8" of Joint: YES

Remarks:



Code: CM

Description: Crack Multiple

Distance (ft): 331.7
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:

Value Percent:

Continuous Index: F08

Within 8" of Joint: YES

Remarks: Wandering



Code: **DSF** 

Description: **Deposits Settled Fine** 

Distance (ft): 334.4 Structural Grade: 0 2 O&M Grade:

Clock Start/From: 5 Clock To: 7

1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: F02 Within 8" of Joint: YES

Remarks:

Code: DAE

Description: **Deposits Attached Encrustation** 

Distance (ft): 334.4 Structural Grade: 0

O&M Grade: 2 Clock Start/From: 8 Clock To: 4

1st Value: 2nd Value:

Value Percent: 5.000 Continuous Index: F07 Within 8" of Joint: YES

Remarks:



Code: AMH
Description: Manhole

Distance (ft): 336.6
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: M-604-098