## **Profile/Photo Observation Report**



Date: Weather: **PACP 7.0** 10/13/2021 Coding: Pipe Length (ft): 330.5 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-704-018-017 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 10/09/2021 Shape: C

Street: North Michigan Avenue Flow Control: Not Controlled

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

Purpose: Routine Assessment Dia/Height: 8"
Use: Sanitary Sewage Pipe Material: VCP

Drain Area: Lining:

Category: NA

Comment:

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

US MH: M-704-018 DS MH: M-704-017 Total Length Surveyed (ft): 330.5

2.36 52.00 O&M Index: O&M Quick: O&M Rating: 3.36 574F 255.00 Structural Rating: Structural Index: Structural Quick: 3.13 307.00 574F Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
M-704-	018				
	0.	AMH	Manhole	1	NA
	0.	MWL	Miscellaneous Water Level	64	NA
- 11	2.1	TFD	Tap Factory Defective	93	M 3
- 11	3.1	FS	Fracture Spiral	132	S 3
	5.2	RMJ(S01)	Roots Medium Joint	169	M 3
	13.6	RMJ(F01)	Roots Medium Joint	243	M 3
	14.4	SSS	Surface Damage Surface Spalling	296	S 2
- 11	14.9	TBI	Tap Break-in Intruding	314	M 2
	17.7	MWLS	Miscellaneous Water Level Sag	342	S 2
8	19.6	RMJ	Roots Medium Joint	395	M 3
e cti	19.6	CM	Crack Multiple	428	S 3
	27.6	RTJ	Roots Tap Joint	500	M 2
Camera Direction	27.6	FM	Fracture Multiple	534	S 4
	38.1	JAL	Joint Angular Large	615	S 4
	38.1	CM	Crack Multiple	655	S 3
-111	40.1	JAL	Joint Angular Large	688	S 4
1	45.3	TF	Tap Factory	738	NA
	47.3	TFC	Tap Factory Capped	769	NA
	54.2	CM	Crack Multiple	859	S 3

59.5	SSS	Surface Damage Surface Spalling	909	S 2
\ <u> </u>	FL	Fracture Longitudinal	946	S 3
73.0	FM	Fracture Multiple	1066	S 4
75.4	MWLS(S02)	Miscellaneous Water Level Sag	1097	S 2
76.8	FM	Fracture Multiple	1144	S 4
79.0	BSV	Broken Soil Visible	1216	S 5
\ \ 79.0	SMW	Surface Damage Missing Wall	1241	S 5
\ <u></u> \79.3	TBD	Tap Break-in/Hammer Defective	1271	M
\ <u>\</u> 80.0	TFC	Tap Factory Capped	1300	NA
82.2	TFC	Tap Factory Capped	1339	NA
101.6	CM	Crack Multiple	1446	S 3
114.2	SSS	Surface Damage Surface Spalling	1540	S 2
114.4	ТВ	Tap Break-in/Hammer	1558	NA
122.1	SMW	Surface Damage Missing Wall	1638	S 5
125.1	TFC	Tap Factory Capped	1684	NA
127.0	TFC	Tap Factory Capped	1722	NA
127.9	BSV	Broken Soil Visible	1815	S 5
128.3	TBD	Tap Break-in/Hammer Defective	1845	M
130.4	MWLS(F02)	Miscellaneous Water Level Sag	1876	S 2
140.6	FM	Fracture Multiple	1966	S 4
144.8	FM	Fracture Multiple	2020	S 4
144.8	В	Broken	2068	S 4
158.4	MWLS(S03)	Miscellaneous Water Level Sag	2129	S 2
163.3	FM	Fracture Multiple	2201	S 4
169.3	SMW	Surface Damage Missing Wall	2306	S 5
169.3	В	Broken	2326	S 4
170.5	TFC	Tap Factory Capped	2356	NA
170.7	OBZ	Obstruction Other	2386	М
172.6	TFC	Tap Factory Capped	2430	NA
182.2	FM	Fracture Multiple	2541	S 4
186.0	FM	Fracture Multiple	2617	S 4
186.0	MWLS(F03)	Miscellaneous Water Level Sag	2632	S 2
188.2	В	Broken	2682	S 4
190.3	FM	Fracture Multiple	2731	S 4
204.5	FM	Fracture Multiple	2844	S 4
206.6	JAM	Joint Angular Medium	2887	S 3
207.6	TFC	Tap Factory Capped	2933	N.A
209.0	JAM	Joint Angular Medium	2967	S 3
210.0	TFC	Tap Factory Capped	2998	NA
216.9	JAM	Joint Angular Medium	3054	S 3
216.9	FM	Fracture Multiple	3081	S 4
i		Miscellaneous Water Level	3133	NA

220.5	IVICU(505)	Miscellaneous Camera Underwater	3141	IVI 4
223.4	В	Broken	3249	S 4
224.3	MCU(F05)	Miscellaneous Camera Underwater	3277	M 4
225.2	MWL	Miscellaneous Water Level	3295	NA
225.8	SSS	Surface Damage Surface Spalling	3333	S 2
226.2	TBI	Tap Break-in Intruding	3361	M 2
227.3	JAM	Joint Angular Medium	3430	S 3
227.9	FM	Fracture Multiple	3418	S 4
235.4	MWL	Miscellaneous Water Level	3542	NA
235.4	MCU	Miscellaneous Camera Underwater	3550	M 4
237.7	SZ	Surface Damage Other	3602	NA
239.9	RPPD	Point Repair Patch Patch Defective	3675	S 4
239.9	RFB	Roots Fine Barrel	3715	M 2
239.9	BSV	Broken Soil Visible	3731	S 5
240.8	TBD	Tap Break-in/Hammer Defective	3773	M 3
242.7	TFC	Tap Factory Capped	3818	NA
243.8	SMW	Surface Damage Missing Wall	3861	S 5
245.5	FM(S04)	Fracture Multiple	3896	S 4
266.2	SZ	Surface Damage Other	4094	NA
267.1	TFC	Tap Factory Capped	4127	NA
270.3	DAR	Deposits Attached Ragging	4180	M 2
270.3	MWL	Miscellaneous Water Level	4198	NA
278.5	DAE	Deposits Attached Encrustation	4261	M 2
281.6	TFC	Tap Factory Capped	4294	NA
288.9	SSS	Surface Damage Surface Spalling	4350	S 2
290.7	DAE	Deposits Attached Encrustation	4400	M 2
304.2	TF	Tap Factory	4485	NA
/304.8	LL	Line Left	4502	M 1
// 308.8	LR	Line Right	4540	M 1
316.4	TFC	Tap Factory Capped	4582	NA
//317.8	LL	Line Left	4601	M 1
//323.5	LR	Line Right	4623	M 1
///325.6	DAE	Deposits Attached Encrustation	4667	M 2
326.1	FM(F04)	Fracture Multiple	4685	S 4
327.1	SZ	Surface Damage Other	4695	NA
327.1	В	Broken	4704	S 4
330.5	AMH	Manhole	4859	NA
04-017				

Thursday, December 30, 2021



Code: AMH
Description: Manhole

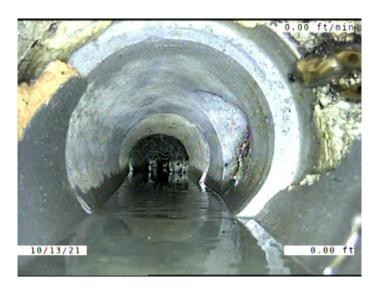
Distance (ft): .0
Structural Grade: 0
O&M Grade: 0

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

Clock Start/From:

Within 8" of Joint: NO

Remarks: M-704-018



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



Code: **TFD** 

Description: Tap Factory Defective

Distance (ft): 2.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

Clock To:

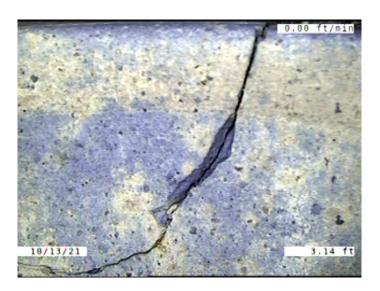
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAPPED. ROOTS GROWING AROUND

THE CAP

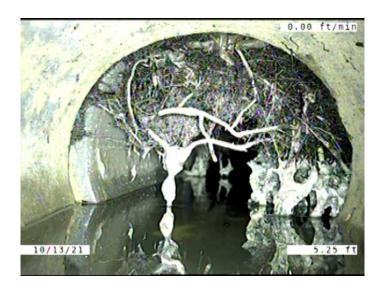


Code: FS

Description: Fracture Spiral

Distance (ft): 3.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 1
Clock To: 3
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 5.2
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 9
Clock To: 4

1st Value: 2nd Value:

Value Percent: 50.000
Continuous Index: S01
Within 8" of Joint: YES

Remarks:



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 13.6
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 9

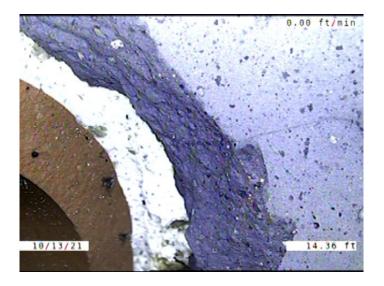
Clock To: 4

1st Value:

Value Percent: 50.000
Continuous Index: F01
Within 8" of Joint: YES

Remarks:

2nd Value:



Code: SSS

Description: Surface Damage Surface Spalling

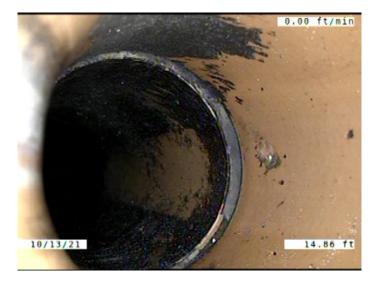
Distance (ft): 14.4
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 9
Clock To: 1

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

Within 8" of Joint:

Remarks:

YES



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 14.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: **MWLS** 

Description: **Miscellaneous Water Level Sag** 

Distance (ft): 17.7 Structural Grade: 2 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

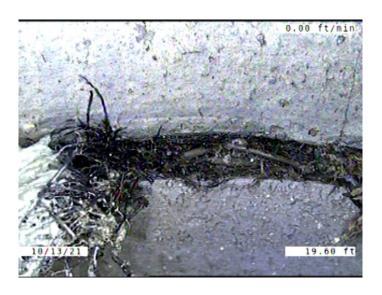
Value Percent: 15.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: RMJ

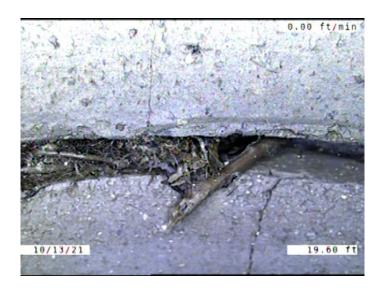
Description: **Roots Medium Joint** 

Distance (ft): 19.6 Structural Grade: 0 O&M Grade: 3 Clock Start/From: 9 3 Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: CM
Description: Crack Multiple

Distance (ft): 19.6 Structural Grade: 3 O&M Grade: 0 Clock Start/From: 10 Clock To: 11 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: RTJ

Description: Roots Tap Joint

Distance (ft): 27.6
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 2

Clock To: 3

1st Value: 2

2nd Value:

Value Percent: **5.000**Continuous Index:

Within 8" of Joint:

thin 8" of Joint: YES



Code: **FM** 

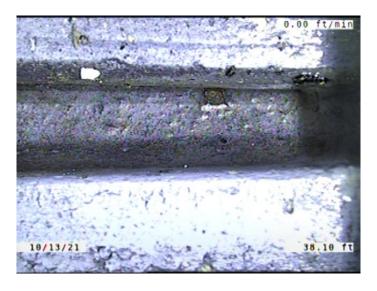
Description: Fracture Multiple

Distance (ft): 27.6
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 1
Clock To: 3

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

Within 8" of Joint: YES

Remarks:



Code: JAL

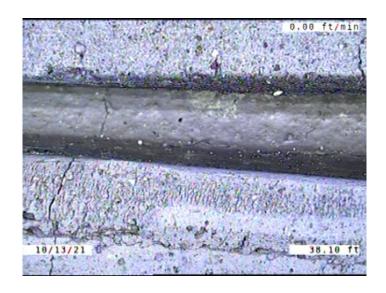
Description: Joint Angular Large

Distance (ft): 38.1
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



Code: CM

Description: Crack Multiple

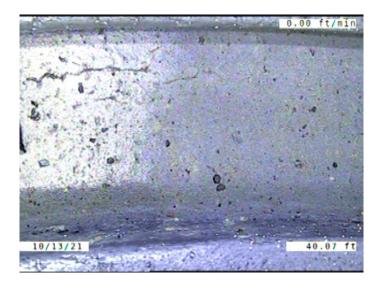
Distance (ft): 38.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: JAL

Description: Joint Angular Large

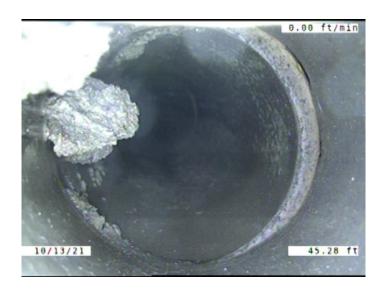
Distance (ft): 40.1
Structural Grade: 4

O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO



Code: **TF** 

Description: Tap Factory

Distance (ft): 45.3
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:

Remarks:

YES



Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 47.3
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



Code: CM

Description: Crack Multiple

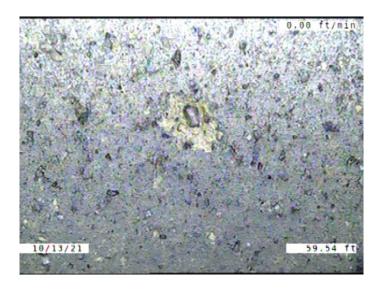
Distance (ft): 54.2
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



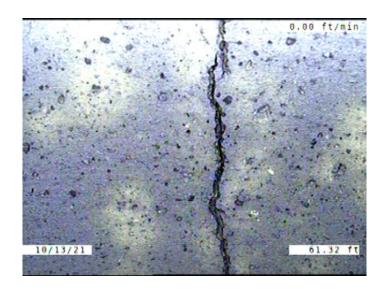
Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 59.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 1
Clock To:

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

Within 8" of Joint: YES



Code: FL

Description: Fracture Longitudinal

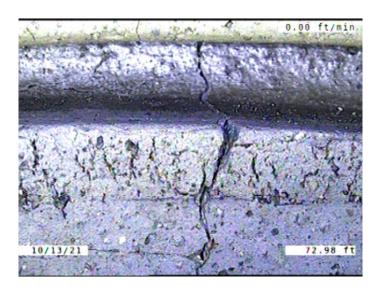
Distance (ft): 61.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 2

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

Within 8" of Joint:

Remarks:

NO



Code: **FM** 

Description: Fracture Multiple

Distance (ft): 73.0
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 8

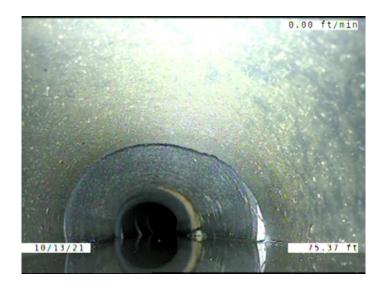
Clock To: 4

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

Remarks:

Within 8" of Joint:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

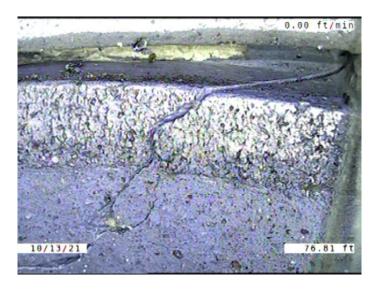
Distance (ft): 75.4
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S02
Within 8" of Joint: NO

Remarks:



Code: FM

Description: Fracture Multiple

Distance (ft): 76.8
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

Clock To: 3

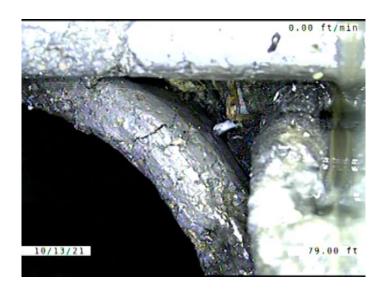
1st Value: 2

2nd Value:

Continuous Index: Within 8" of Joint:

Value Percent:

thin 8" of Joint: YES



Code: BSV

Description: Broken Soil Visible

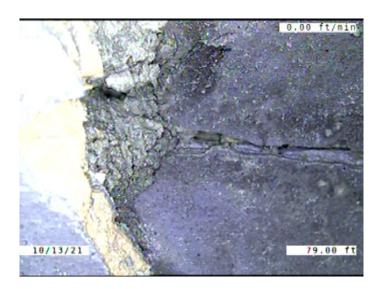
Distance (ft): 79.0
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 10
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: SMW

Description: Surface Damage Missing Wall

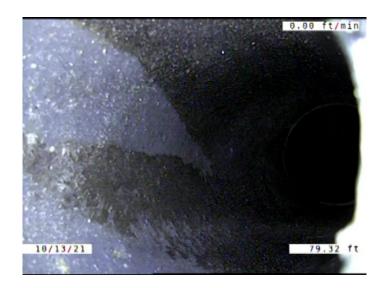
Distance (ft): 79.0
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 12
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Continuous Index:

Remarks: LOOKS LIKE SOMEONE TRIED TO

**REPAIR IT** 



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 79.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 2

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective** 



Code: TFC

Description: Tap Factory Capped

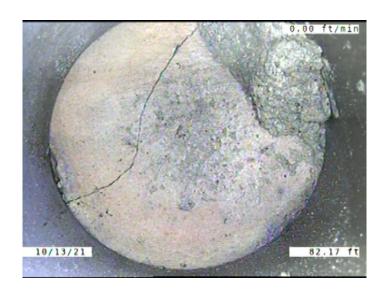
Distance (ft): 80.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 82.2
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

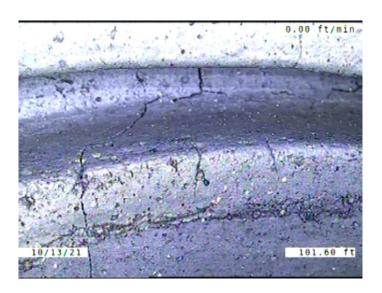
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CAP BROKEN

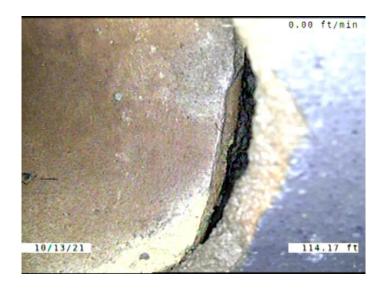


Code: CM

Description: Crack Multiple

Distance (ft): 101.6
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 10
Clock To: 12
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 114.2
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 9
Clock To: 12

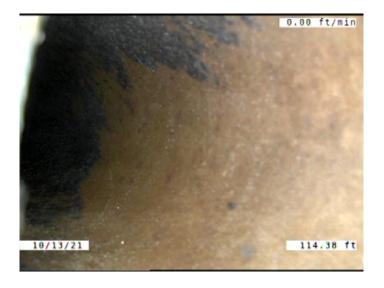
Clock To:
1st Value:
2nd Value:
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TB

Description: Tap Break-in/Hammer

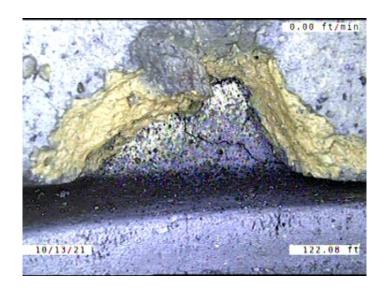
Distance (ft): 114.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: SMW

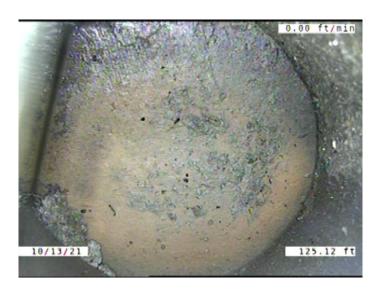
Description: Surface Damage Missing Wall

Distance (ft): 122.1
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 10
Clock To: 11

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

Within 8" of Joint: YES

Remarks: INSIDE OF THE JOINT



Code: TFC

Description: Tap Factory Capped

Distance (ft): 125.1
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



Code: TFC

Description: **Tap Factory Capped** 

Distance (ft): 127.0 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



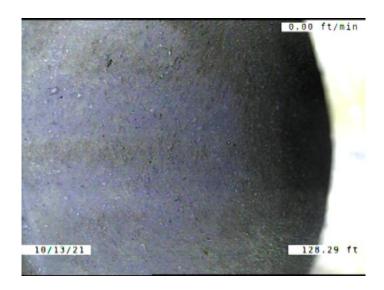
BSV Code:

Description: **Broken Soil Visible** 

Distance (ft): 127.9 Structural Grade: 5 O&M Grade: 0 Clock Start/From: 10 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

YES



Code: TBD

Description: Tap Break-in/Hammer Defective

Distance (ft): 128.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective** 



Code: MWLS

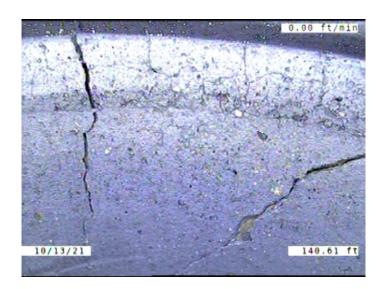
Description: Miscellaneous Water Level Sag

Distance (ft): 130.4
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: F02
Within 8" of Joint: NO



Code: FM

Description: Fracture Multiple

Distance (ft): 140.6
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 10

Clock To: 2

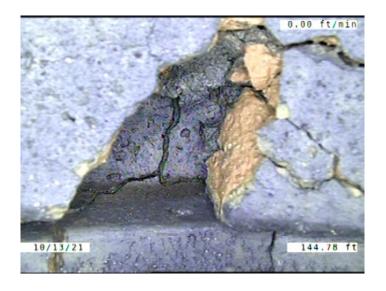
Clock To:
1st Value:
2nd Value:
Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



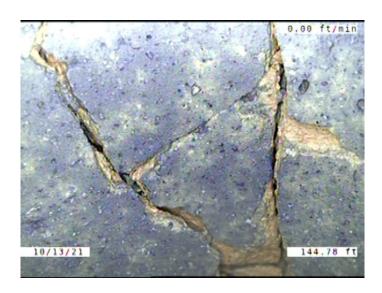
Code: **FM** 

Description: Fracture Multiple

Distance (ft): 144.8
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 3
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: B
Description: Broken

Distance (ft): 144.8 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 11 Clock To: 1 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: MWLS

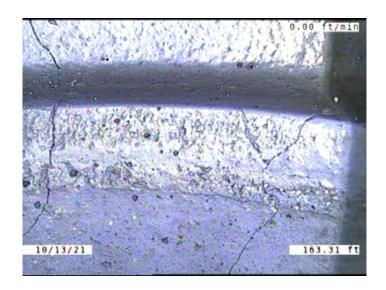
Description: Miscellaneous Water Level Sag

Distance (ft): 158.4
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: S03
Within 8" of Joint: NO



Code: **FM** 

Description: Fracture Multiple

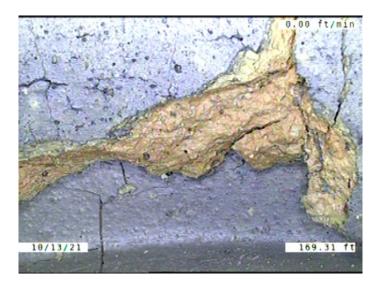
Distance (ft): 163.3
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: SMW

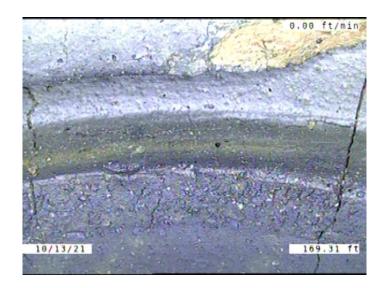
Description: Surface Damage Missing Wall

Distance (ft): 169.3
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 11
Clock To: 1
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: INSIDE OF THE JOINT



Code: B
Description: Broken

Distance (ft): 169.3 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 9 Clock To: 3 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES





Code: **TFC** 

Description: Tap Factory Capped

Distance (ft): 170.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10
Clock To:

- 10CK 10.

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: OBZ

Description: Obstruction Other

Distance (ft): 170.7
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 5
Clock To: 7

1st Value: 2nd Value:

Value Percent: 15.000

Continuous Index:

Within 8" of Joint: NO

Remarks: RAGS AND TP



Code: TFC

Description: Tap Factory Capped

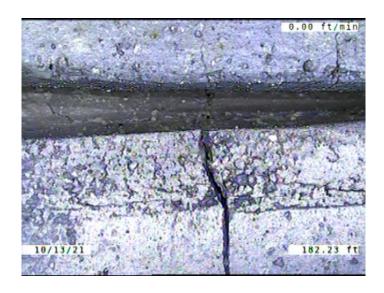
Distance (ft): 172.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: FM
Description: Fracture Multiple

Distance (ft): 182.2
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 9

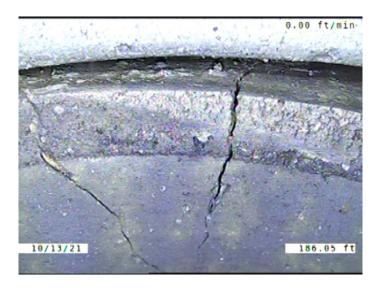
Clock To: 3

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

Within 8" of Joint:

Remarks:

Remarks:

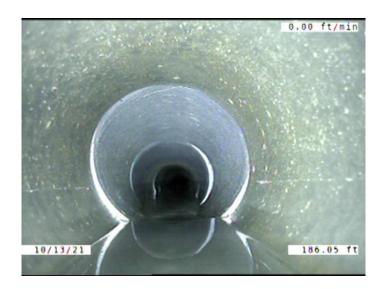


Code: FM

Description: Fracture Multiple

YES

Distance (ft): 186.0 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 10 Clock To: 4 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES



Code: MWLS

Description: Miscellaneous Water Level Sag

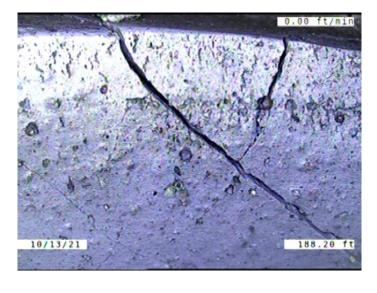
Distance (ft): 186.0
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 15.000
Continuous Index: F03
Within 8" of Joint: NO

Remarks:



Code: **B** 

Description: Broken

Distance (ft): 188.2
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 8

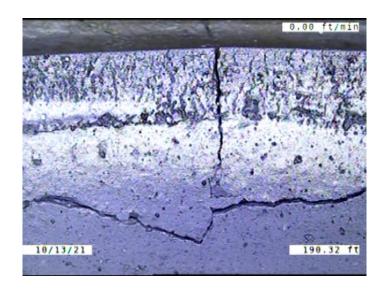
Clock To: 4

1st Value: 2nd Value:

Continuous Index: Within 8" of Joint:

Value Percent:

ithin 8" of Joint: YES



Code: FM

Description: Fracture Multiple

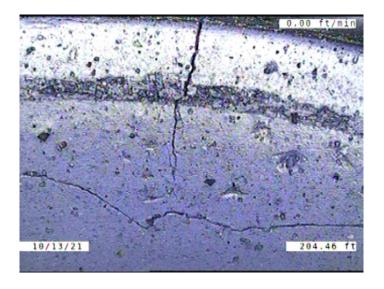
Distance (ft): 190.3
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 10
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: FM

Description: Fracture Multiple

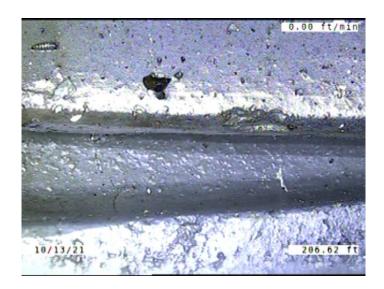
Distance (ft): 204.5
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 2
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint:

Continuous Index:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 206.6
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: TFC

Description: Tap Factory Capped

Distance (ft): 207.6
Structural Grade: 0

O&M Grade: 0

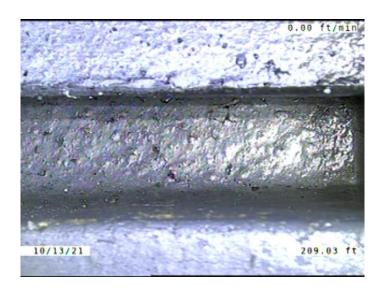
Clock Start/From: 3

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: JAM

Description: **Joint Angular Medium** 

Distance (ft): 209.0 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: TFC

Description: Tap Factory Capped

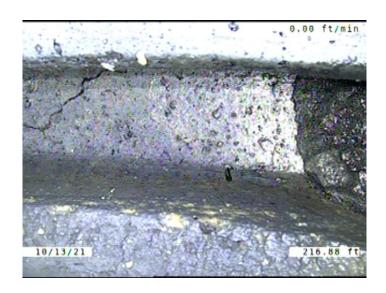
Distance (ft): 210.0
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 216.9
Structural Grade: 3
O&M Grade: 0

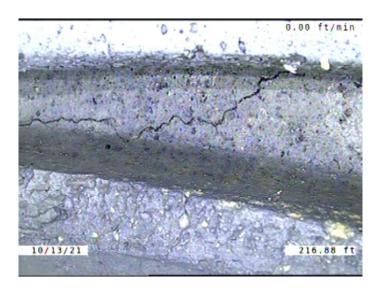
Clock Start/From:

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

Within 8" of Joint:

Remarks:

NO



Code: FM

Description: Fracture Multiple

Distance (ft): 216.9
Structural Grade: 4

O&M Grade: 0
Clock Start/From: 12
Clock To: 3

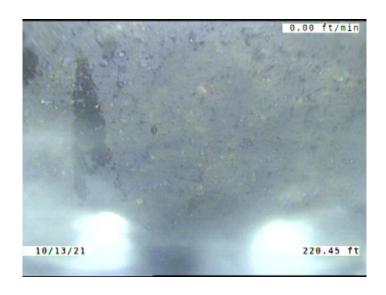
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint:

Continuous Index:

Remarks:

YES



Code: MWL

Description: Miscellaneous Water Level

Distance (ft): 220.5
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: MCU

Description: Miscellaneous Camera Underwater

Distance (ft): 220.5
Structural Grade: 0
O&M Grade: 4

Clock Start/From:

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

Continuous Index: S05
Within 8" of Joint: NO



Code: B
Description: Broken

Distance (ft): 223.4
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 11

Clock To: 1

1st Value: 2nd Value:

Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks: Visible through water



Code: MCU

Description: Miscellaneous Camera Underwater

Distance (ft): 224.3
Structural Grade: 0
O&M Grade: 4

Clock Start/From:

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

Continuous Index: F05
Within 8" of Joint: NO



Code: MWL

Description: Miscellaneous Water Level

Distance (ft): 225.2
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:

Remarks:

NO



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 225.8

Structural Grade: 2

O&M Grade: 0

Clock Start/From: 12

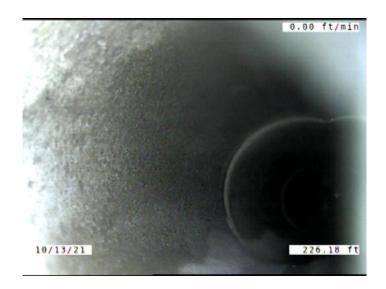
Clock To: 3

1st Value: 2

2nd Value: Value Percent:

Continuous Index: Within 8" of Joint:

ithin 8" of Joint: YES



Code: **TBI** 

Description: Tap Break-in Intruding

Distance (ft): 226.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: JAM

Description: Joint Angular Medium

Distance (ft): 227.3
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



Code: FM

Description: Fracture Multiple

Distance (ft): 227.9
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 8

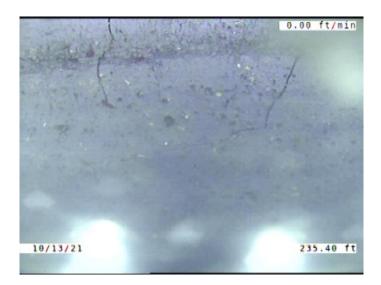
Clock To: 4
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWL

Description: Miscellaneous Water Level

Distance (ft): 235.4
Structural Grade: 0

O&M Grade: 0

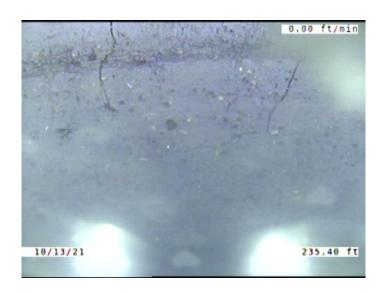
Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: **35.000** 

Continuous Index:

Within 8" of Joint: NO



Code: MCU

Description: Miscellaneous Camera Underwater

Distance (ft): 235.4
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 237



Code: SZ

Description: Surface Damage Other

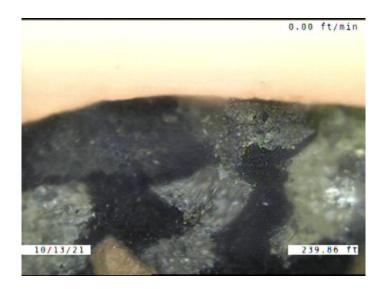
Distance (ft): 237.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12
Clock To: 1

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

**JOINT** 



Code: RPPD

Description: Point Repair Patch Patch Defective

Distance (ft): 239.9
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 9
Clock To: 3

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

Within 8" of Joint: YES

Remarks: Concrete, soil visibile



Code: RFB

Description: Roots Fine Barrel

Distance (ft): 239.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11
Clock To: 12
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: NO



Code: BSV

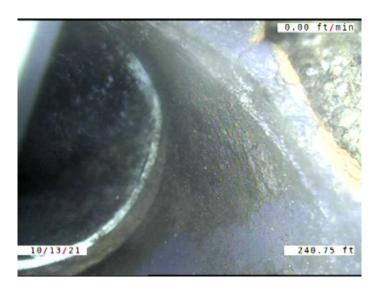
Description: Broken Soil Visible

Distance (ft): 239.9
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 9
Clock To: 3

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

Continuous Index:

Within 8" of Joint: Remarks: YES



Code: **TBD** 

Description: Tap Break-in/Hammer Defective

Distance (ft): 240.8
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 9

Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: **Defective** 



Description: Tap Factory Capped

Distance (ft): 242.7
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: SMW

Description: Surface Damage Missing Wall

Distance (ft): 243.8
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 10
Clock To: 11
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: INSIDE OF THE JOINT



Code: **FM** 

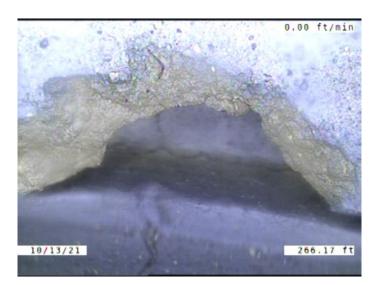
Description: Fracture Multiple

Distance (ft): 245.5
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value: Value Percent:

Continuous Index: **S04**Within 8" of Joint: **YES** 

Remarks: Wandering



Code: SZ

Description: Surface Damage Other

Distance (ft): 266.2
Structural Grade: 0

O&M Grade: 0

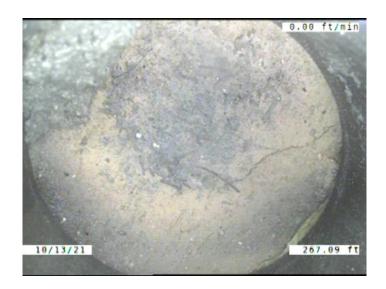
Clock Start/From: 12
Clock To:
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: A PIECE CHIPPED AWAY FROM THE

JOINT



Description: Tap Factory Capped

Distance (ft): 267.1
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:

Remarks:

YES



Code: DAR

Description: Deposits Attached Ragging

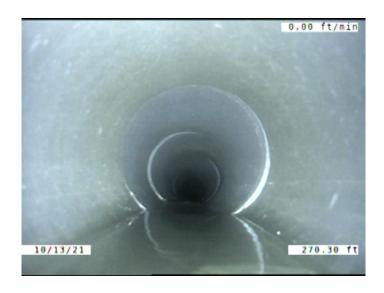
Distance (ft): 270.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: MWL

Description: **Miscellaneous Water Level** 

Distance (ft): 270.3 Structural Grade: 0 0 O&M Grade:

Clock Start/From:

Clock To: 1st Value: 2nd Value:

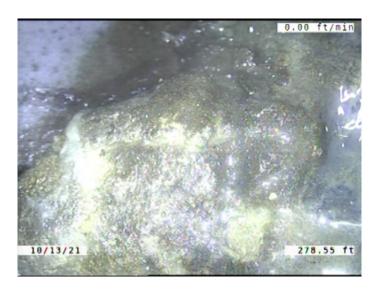
Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: **Deposits Attached Encrustation** 

Distance (ft): 278.5 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 4 Clock To: 8 1st Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Description: Tap Factory Capped

Distance (ft): 281.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

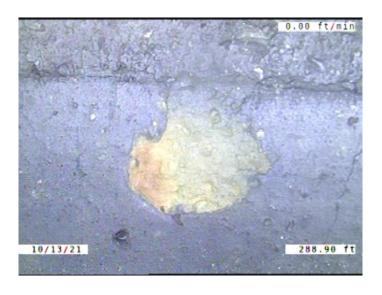
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 288.9
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 1
Clock To: 2
1st Value: 2
2nd Value:

Within 8" of Joint:

Remarks:

Value Percent: Continuous Index:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 290.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 8

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TF

Description: Tap Factory

Distance (ft): 304.2
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



Code: LL
Description: Line Left

Distance (ft): 304.8
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

Clock To: 1st Value: 2nd Value:

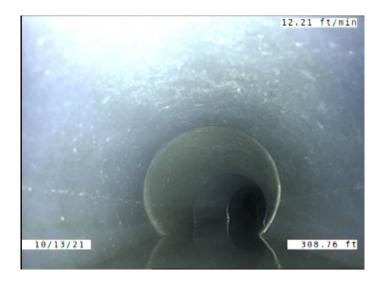
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: LR

Description: Line Right

Distance (ft): 308.8 Structural Grade: 0

O&M Grade: 1

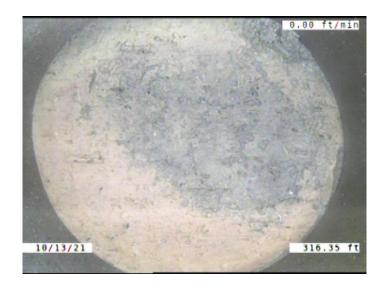
Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Description: Tap Factory Capped

Distance (ft): 316.4
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

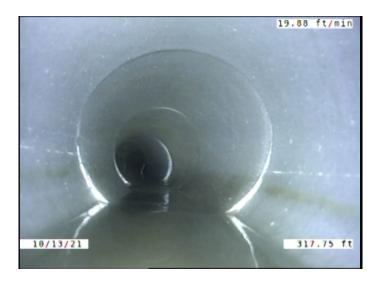
1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: LL

Description: Line Left

Distance (ft): 317.8
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: NO



Code: LR

Description: Line Right

Distance (ft): 323.5
Structural Grade: 0
O&M Grade: 1

Clock Start/From:

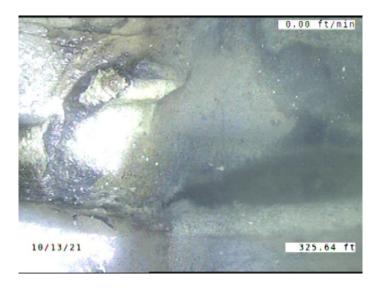
Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

5.000

Distance (ft): 325.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 1
1st Value:
2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint: YES



Code: FM

Description: Fracture Multiple

Distance (ft): 326.1
Structural Grade: 4

O&M Grade: 0

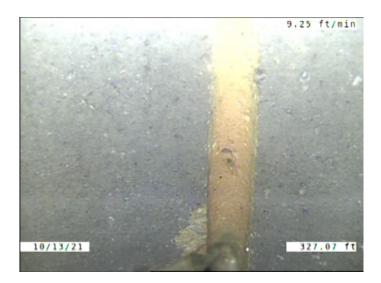
Clock Start/From: 8

Clock To: 4

1st Value: 2nd Value: Value Percent:

Continuous Index: F04
Within 8" of Joint: YES

Remarks: Wandering



Code: SZ

Description: Surface Damage Other

Distance (ft): 327.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 12

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

Within 8" of Joint: NO

Remarks: Groove in pipe



Code: B
Description: Broken

Distance (ft): 327.1
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:

Remarks:

NO



Code: AMH
Description: Manhole

Distance (ft): 330.5
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-704-017