Profile/Photo Observation Report



Date: 10/30/2021 Weather: **PACP 7.0** Coding: Pipe Length (ft): 167.0 Owner: **City of Hobart** Pre Clean: **Heavy Cleaning** P.O.#: S. Bucklin PSR: P-504-047-048 YES502259 Surveyor:

Customer: City of Hobart Clean Date: 10/26/2021 Shape: C

Street: North Delaware Street Flow Control: Not Controlled

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

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

Cotocomii NA

Category: NA

Comment:

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

US MH: M-504-048 DS MH: M-504-047 Total Length Surveyed (ft): 167.0

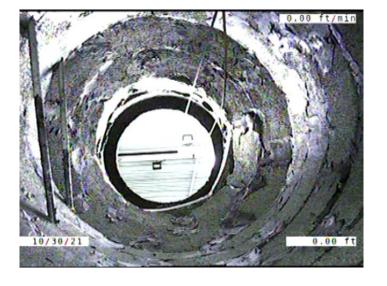
1.90 99.00 O&M Index: O&M Quick: O&M Rating: 2.83 5444 68.00 Structural Quick: Structural Rating: Structural Index: 2.20 5445 167.00 Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
M(504-)0)48				
	0.	AMH	Manhole	1	NA
	0.	MWL	Miscellaneous Water Level	103	NA
	.0	DSF(S01)	Deposits Settled Fine	110	M 2
	2.1	RFJ	Roots Fine Joint	178	M 1
- 111	4.7	RFJ	Roots Fine Joint	246	M 1
- 11	4.7	DAE	Deposits Attached Encrustation	256	M 2
- 11	9.8	RFJ(S03)	Roots Fine Joint	330	M 1
- 11	11.5	В	Broken	402	S 4
- 11	12.0	ТВІ	Tap Break-in Intruding	431	M 2
5 H	12.4	SMW	Surface Damage Missing Wall	461	S 5
e di	12.4	HSV	Hole Soil Visible	529	S 5
ig	12.8	MWLS(S02)	Miscellaneous Water Level Sag	554	S 2
Camera Direction	14.7	RMJ	Roots Medium Joint	594	M 3
Cai	37.2	MWLS(F02)	Miscellaneous Water Level Sag	704	S 2
	38.8	TFC	Tap Factory Capped	729	NA
	38.8	B(S04)	Broken	773	S 4
1	41.5	BSV	Broken Soil Visible	832	S 5
	43.1	B(F04)	Broken	853	S 4
	45.1	RFJ(F03)	Roots Fine Joint	876	M 1

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45.1	MWLS(S05)	Miscellaneous Water Level Sag	885	S 2
51.1	SSS	Surface Damage Surface Spalling	960	S 2
51.4	ТВІ	Tap Break-in Intruding	989	M 2
64.3	TFD	Tap Factory Defective	1076	M 3
74.6	TFC	Tap Factory Capped	1141	NA
86.7	FM	Fracture Multiple	1274	S 4
86.7	DAE	Deposits Attached Encrustation	1286	M 2
87.5	TFC	Tap Factory Capped	1310	NA
91.2	MWLS(F05)	Miscellaneous Water Level Sag	1345	S 2
110.8	TFC	Tap Factory Capped	1425	NA
115.5	SSS	Surface Damage Surface Spalling	1493	S 2
115.5	IRC	Infiltration Runner Connection	1511	M 4
116.0	ТВІ	Tap Break-in Intruding	1536	M 2
134.1	TFC	Tap Factory Capped	1621	NA
154.7	TFC	Tap Factory Capped	1722	NA
162.9	BSV	Broken Soil Visible	1790	S 5
//163.4	ТВІ	Tap Break-in Intruding	1837	M 2
///165.0	OBN	Obstruction Construction Debris	1881	M 2
165.8	В	Broken	1971	S 4
// 167.0	DSF(F01)	Deposits Settled Fine	2117	M 2
167.0	AMH	Manhole	2134	NA

M 504-047



Code: AMH
Description: Manhole

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

Continuous Index:
Within 8" of Joint:

NO

Remarks: M-504-048



Code: MWL

Description: **Miscellaneous Water Level**

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

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



DSF Code:

Description: **Deposits Settled Fine**

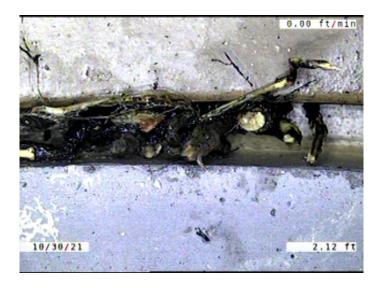
Distance (ft): .0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 5 7 Clock To: 1st Value:

2nd Value:

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

Remarks:

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Code: RFJ
Description: Roots Fine Joint

Distance (ft): 2.1

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

2nd Value:

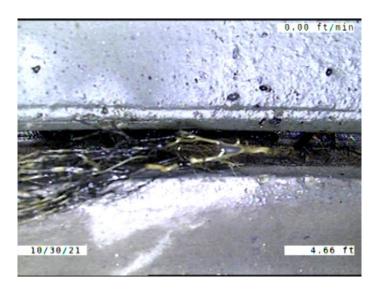
Value Percent:

Continuous Index:

Within 8" of Joint:

YES

Remarks:

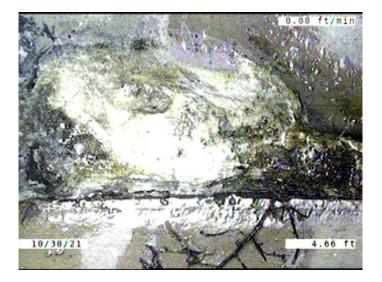


Code: RFJ

Description: Roots Fine Joint

Distance (ft): 4.7 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 9 Clock To: 11 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

YES

Distance (ft): 4.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 8

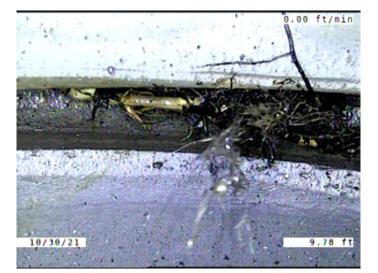
1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

2nd Value:

Value Percent:

Continuous Index:

9.8

4

1

Clock To:

4

503

Within 8" of Joint: YES

Remarks:



Code: B
Description: Broken

Distance (ft): 11.5
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

Clock To: 7

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

Within 8" of Joint: YES

Remarks:



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 12.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

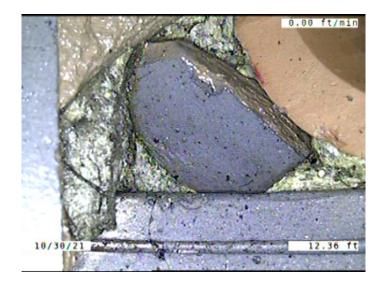
 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: SMW

Description: Surface Damage Missing Wall

Distance (ft): 12.4
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 12
Clock To: 3

1st Value: 2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: HSV

Description: Hole Soil Visible

Distance (ft): 12.4
Structural Grade: 5

O&M Grade: 0

Clock Start/From: 6

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

Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

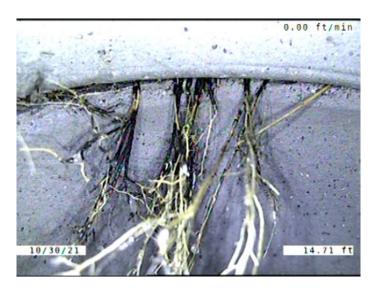
Distance (ft): 12.8
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 14.7
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 10

Clock To: 3

1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MWLS

Description: Miscellaneous Water Level Sag

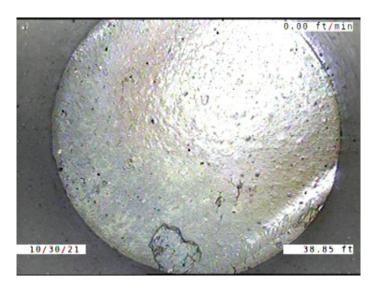
Distance (ft): 37.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

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

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 38.8
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: B
Description: Broken

Distance (ft): 38.8
Structural Grade: 4
O&M Grade: 0
Clock Start/From: 12
Clock To: 12
1st Value:

2nd Value: Value Percent:

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

Remarks:

Code: BSV

Description: Broken Soil Visible

Distance (ft): 41.5
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 4
Clock To: 5
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint: YES

Remarks:





Code: B
Description: Broken

Distance (ft): 43.1
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

Clock To: 12

1st Value: 2nd Value: Value Percent:

Continuous Index: F04
Within 8" of Joint: YES

Remarks:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 45.1
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Continuous Index: F03
Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

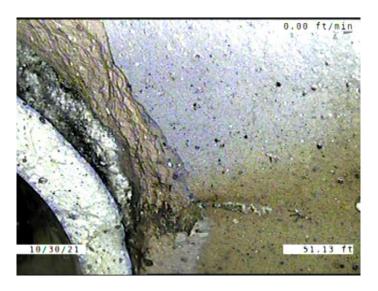
Distance (ft): 45.1
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S05
Within 8" of Joint: NO

Remarks:



Code: SSS

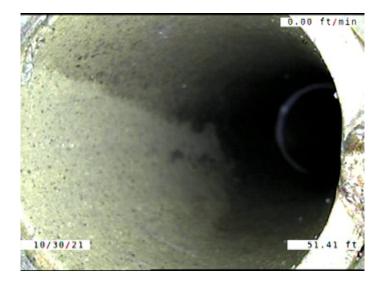
Description: Surface Damage Surface Spalling

Distance (ft): 51.1
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12
Clock To: 3
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Remarks:

Continuous Index:



Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 51.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 2

Clock To:

 1st Value:
 4.000

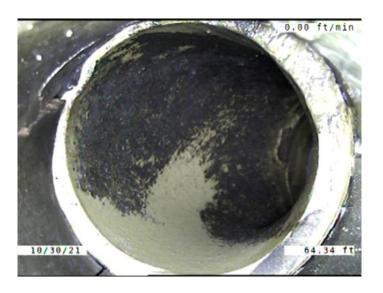
 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 64.3
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 1

Clock To:

2nd Value:

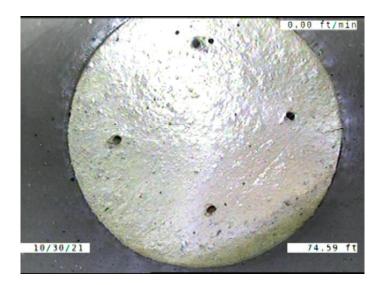
1st Value: **4.000**

Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP BROKEN. CONSTANTLY

RUNNING WATER



Code: **TFC**

Description: Tap Factory Capped

Distance (ft): 74.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

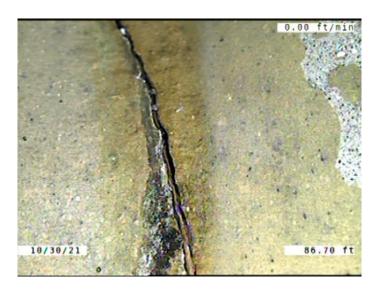
1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



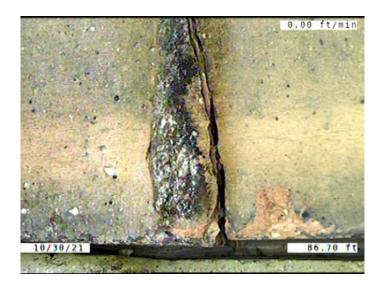
Code: FM

Description: Fracture Multiple

Distance (ft): 86.7 Structural Grade: 4 O&M Grade: 0 Clock Start/From: 7 Clock To: 2 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: YES

..... 6 6. 56.....

Remarks:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 86.7
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 7

Clock To: 9

1st Value: 2nd Value:

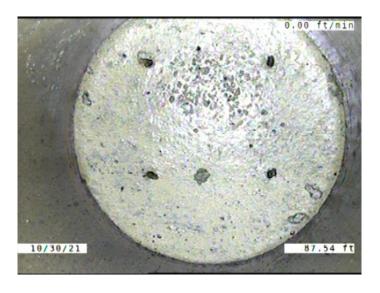
Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 87.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

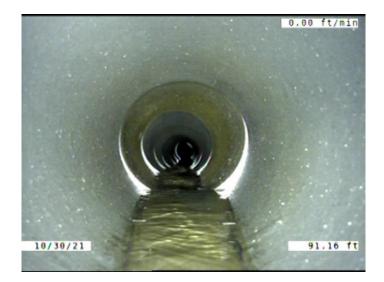
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: MWLS

Description: Miscellaneous Water Level Sag

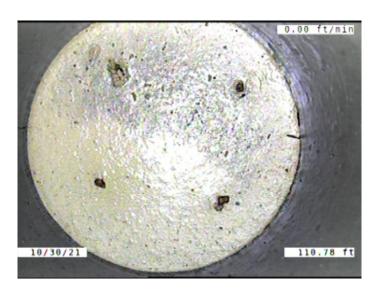
Distance (ft): 91.2
Structural Grade: 2
O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F05
Within 8" of Joint: NO

Remarks:



Code: TFC

Description: Tap Factory Capped

Distance (ft): 110.8
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

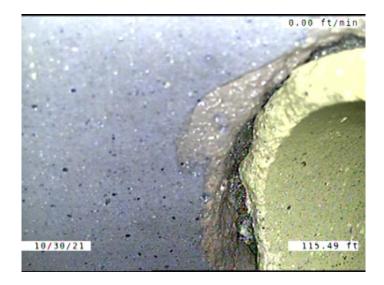
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks: TAP CRACKED



Code: SSS

Description: Surface Damage Surface Spalling

Distance (ft): 115.5
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 12
Clock To: 3

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

Within 8" of Joint:

Remarks:

NO



Code: IRC

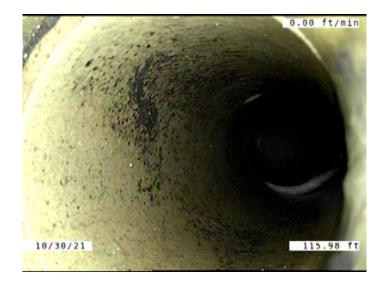
Description: Infiltration Runner Connection

Distance (ft): 115.5
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:



Code: TBI

Description: Tap Break-in Intruding

Distance (ft): 116.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: TFC

Description: Tap Factory Capped

Distance (ft): 134.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

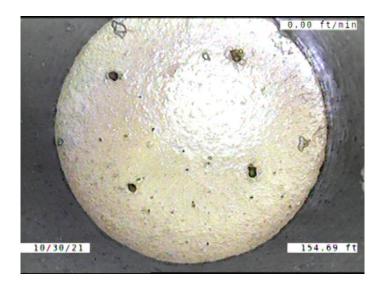
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: TFC

Description: **Tap Factory Capped**

Distance (ft): 154.7 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:



BSV Code:

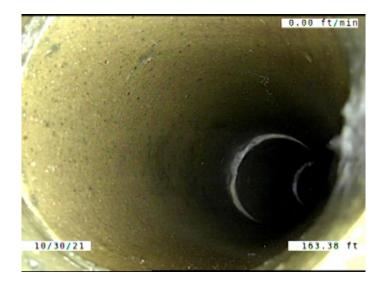
Description: **Broken Soil Visible**

NO

Distance (ft): 162.9 Structural Grade: 5 O&M Grade: 0 Clock Start/From: 12 3 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

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Code: **TBI**

Description: Tap Break-in Intruding

Distance (ft): 163.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

Value Percent:

Continuous Index:

Within 8" of Joint: YES

Remarks: CONSTANTLY RUNNING WATER



Code: OBN

Description: Obstruction Construction Debris

Distance (ft): 165.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 6

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

ai KS.



Code: B
Description: Broken

Distance (ft): 165.8

Structural Grade: 4

O&M Grade: 0

Clock Start/From: 12

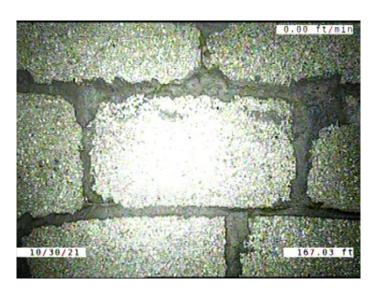
Clock To: 12

1st Value: 2nd Value: Value Percent:

Continuous Index:

Within 8" of Joint:

Remarks:



Code: **DSF**

Description: Deposits Settled Fine

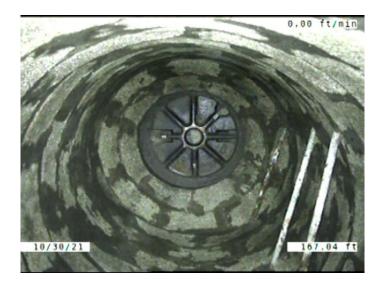
YES

Distance (ft): 167.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 5
Clock To: 7
1st Value:

2nd Value:

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

Remarks:



Code: AMH
Description: Manhole

Distance (ft): 167.0
Structural Grade: 0
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: M-504-047