Profile/Photo Observation Report



Date: 04/12/2018 Weather: **PACP 6.0** Coding: Pipe Length (ft): 186.6 Owner: NA Pre Clean: **Not Known** P.O.#: Jen Costello PSR: P-503-010-009 Surveyor:

Customer: Clean Date: 01/01/1900 Shape: C

Street: W 40th ave Flow Control: Not Controlled

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

Purpose: Not Known Dia/Height: 10"
Use: Sanitary Material: VCP

Drain Area: NA Lining:

Category: NA

Comment:

Location Details: Direction of Survey: Upstream

US MH: M-503-009 DS MH: M-503-010 Total Length Surveyed (ft): 95.7

2.00 4134 40.00 O&M Index: O&M Quick: O&M Rating: 3.72 534A 67.00 Structural Quick: Structural Rating: Structural Index: 2.82 534A 107.00 Overall Index: Overall Quick: Overall Rating:

	Position	Code	Observation	Video (sec)	Grade
(503-)	010				
	0.	AMH	Manhole	10	NA
ш	\\\ <u>.</u> 0	MWL	Water Level	21	NA
	.\\\.0	DAGS(S01)	Deposits Attached Grease	32	M 2
	2.6	RFJ	Roots Fine Joint	49	M 1
	6.7	RMJ	Roots Medium Joint	69	M 3
ш	8.1	TBD	Tap Break-in Defective	86	M 3
ш	8.1	RMC	Roots Medium Connection	97	M 3
ш	9.2	RMB	Roots Medium Barrel	115	M 4
	9.8	FL	Fracture Longitudinal	132	S 3
	\\\ <u>\</u> 9.8	RMJ	Roots Medium Joint	143	M 3
	11.7	RFJ(S02)	Roots Fine Joint	163	M 1
ш	20.0	FM	Fracture Multiple	193	S 4
	22.8	FL	Fracture Longitudinal	210	S 3
ш	25.3	JSM	Joint Separated Medium	227	S 1
ш	25.3	RFJ(F02)	Roots Fine Joint	238	M 1
	25.3	DAGS(F01)	Deposits Attached Grease	249	M 2
	\ \ <u>26.8</u>	TF	Tap Factory	264	NA
	30.4	TF	Tap Factory	284	NA
	40.4	MMC	Material Change	316	NA

Tuesday, December 8, 2020

 42.6	FM	Fracture Multiple	331	S 4
43.3	RFB	Roots Fine Barrel	344	M 2
44.4	FL	Fracture Longitudinal	358	S 3
44.4	RFB	Roots Fine Barrel	369	M 2
46.2	FM	Fracture Multiple	384	S 4
46.2	RFJ	Roots Fine Joint	395	M :
48.3	SSS	Surface Spalling	411	S 2
48.3	RFJ	Roots Fine Joint	423	M :
60.3	TFC	Tap Factory Capped	460	NA
61.9	TFC	Tap Factory Capped	479	NA
64.3	FM	Fracture Multiple	497	S 4
64.9	В	Broken	510	S 5
67.0	FM(S03)	Fracture Multiple	526	S 4
79.8	HSV	Hole Soil Visible	565	S 5
85.2	В	Broken	589	S 5
93.2	TFD	Tap Factory Defective	618	M 2
94.8	TFD	Tap Factory Defective	635	M 2
// 95.7	MSA	Abandoned Survey	648	NA
95.7	FM(F03)	Fracture Multiple	660	S 4



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-503-009



Code: MWL

Description: 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:

Remarks:

NO



Code: DAGS

Description: Deposits Attached Grease

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

Value Percent: 5.000
Continuous Index: S01

Within 8" of Joint:



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 2.6
Structural Grade: 0

O&M Grade: 1

Clock Start/From: 8

Clock To: 4

1st Value: 2nd Value:

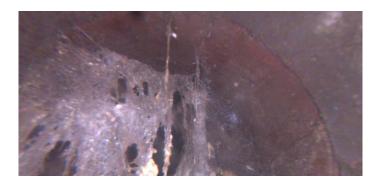
Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:

Code: RMJ

Description: Roots Medium Joint



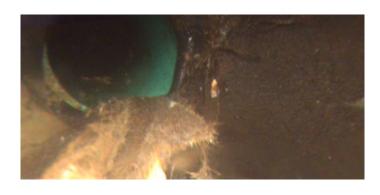
Distance (ft): 6.7
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value:

Value Percent: 40.000

Continuous Index:

Within 8" of Joint: YES



Code: TBD

Description: Tap Break-in Defective

Distance (ft): 8.1
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:

Remarks: ROOTS



Code: RMC

Description: Roots Medium Connection

Distance (ft): 8.1
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 1
Clock To: 2
1st Value:

Value Percent: 20.000

Continuous Index:

Within 8" of Joint: NO

Remarks:

2nd Value:



Code: RMB

Description: Roots Medium Barrel

Distance (ft): 9.2
Structural Grade: 0
O&M Grade: 4
Clock Start/From: 1

Clock To: 1st Value: 2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



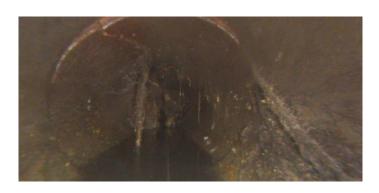
Code: FL

Description: Fracture Longitudinal

Distance (ft): 9.8
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 1
Clock To:
1st Value:
2nd Value:

Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 9.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4
1st Value:

2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 11.7
Structural Grade: 0

O&M Grade: 1

Clock Start/From: 8

Clock To: 4

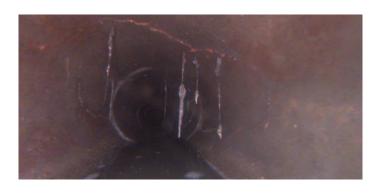
1st Value: 2

2nd Value: Value Percent: Continuous Index: 502

Remarks:

Within 8" of Joint:

YES



Description: Fracture Multiple

Distance (ft): 20.0
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: FL

Description: Fracture Longitudinal

Distance (ft): 22.8
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 9
Clock To:
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: JSM

Description: Joint Separated Medium

Distance (ft): 25.3
Structural Grade: 1
O&M Grade: 0

Clock Start/From: Clock To:

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

Within 8" of Joint:

Remarks:

NO



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 25.3
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Continuous Index: F02
Within 8" of Joint: YES



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 25.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 7
Clock To: 5

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: F01

Within 8" of Joint:

Remarks:

Code: **TF**

Description: Tap Factory



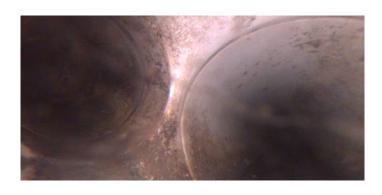
Distance (ft): 26.8
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 1
Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index: Within 8" of Joint:



Code: **TF**

Description: Tap Factory

Distance (ft): 30.4
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 9

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:



Description: Material Change



Distance (ft): 40.4 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



Description: Fracture Multiple

Distance (ft): 42.6
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 8

Clock To: 4

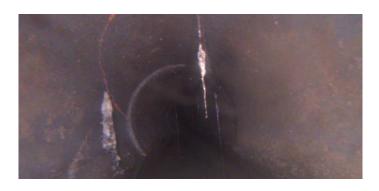
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint:

Remarks:

YES

NO



Code: RFB

Description: Roots Fine Barrel

Distance (ft): 43.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10
Clock To: 12
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint:



Code: FL

Description: Fracture Longitudinal

Distance (ft): 44.4
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 1

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

Within 8" of Joint:

Remarks:

YES



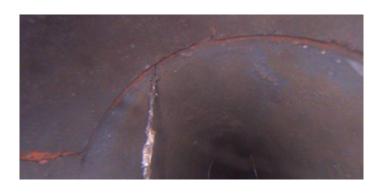
Code: RFB

Description: Roots Fine Barrel

Distance (ft): 44.4
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 1
Clock To:

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

Within 8" of Joint: NO



Description: Fracture Multiple

Distance (ft): 46.2
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 9

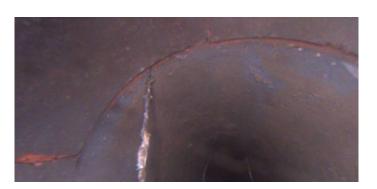
Clock To: 12

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

Within 8" of Joint:

Remarks:

YES



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 46.2
Structural Grade: 0

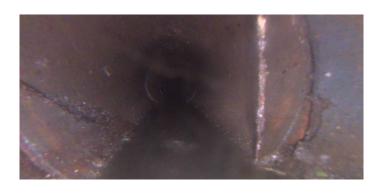
O&M Grade: 1

Clock Start/From: 11

Clock To:
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: SSS

Description: **Surface Spalling**

Distance (ft): 48.3 Structural Grade: 2 O&M Grade: 0 Clock Start/From: 3 Clock To: 4 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



RFJ Code:

Description: **Roots Fine Joint**

Distance (ft): 48.3 Structural Grade: 0 O&M Grade: 1 Clock Start/From: 8 Clock To: 4 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 60.3
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:

Remarks:



Description: Tap Factory Capped



Distance (ft): 61.9
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:



Description: Fracture Multiple

Distance (ft): 64.3
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:

YES



Code: B

Description: Broken

Distance (ft): 64.9
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 3
Clock To: 5
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

YES



Description: Fracture Multiple

Distance (ft): 67.0
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 8

Clock To: 4

1st Value: 2nd Value:

Continuous Index: S03
Within 8" of Joint: YES

Remarks:

Code:

Value Percent:

Description: Hole Soil Visible

HSV

4

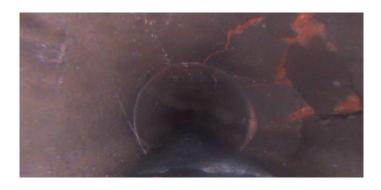


Distance (ft): 79.8
Structural Grade: 5

O&M Grade: 0

Clock Start/From: 3

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:



Code: B

Description: Broken

Distance (ft): 85.2
Structural Grade: 5
O&M Grade: 0
Clock Start/From: 1
Clock To: 4
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 93.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks: capped with fractures



Code: **TFD**

Description: Tap Factory Defective

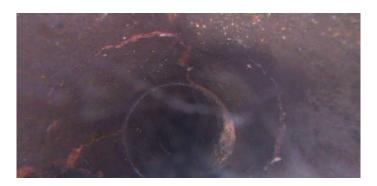
Distance (ft): 94.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11

Clock To:

1st Value: **4.000**

2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks: fm



Code: MSA

Description: Abandoned Survey

Distance (ft): 95.7
Structural Grade: 0

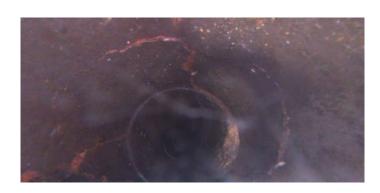
O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO

Remarks: unknown



Description: Fracture Multiple

Distance (ft): 95.7
Structural Grade: 4

O&M Grade: 0

Clock Start/From: 8

Clock To: 4

1st Value:
2nd Value:
Value Percent:

Continuous Index: F03
Within 8" of Joint: YES