Profile/Photo Observation Report



Date: 04/12/2018 Weather: **PACP 6.0** Coding: Pipe Length (ft): 380.5 Owner: NA Pre Clean: **Not Known** P.O.#: Jen Costello PSR: P-503-076-075 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: **Downstream**

US MH: M-503-075 DS MH: M-503-076 Total Length Surveyed (ft): 393.0

2.08 332F 81.00 O&M Index: O&M Quick: O&M Rating: 2.00 2100 2.00 Structural Quick: Structural Rating: Structural Index: 2.08 332F 83.00 Overall Index: Overall Quick: Overall Rating:

P	osition	Code	Observation	Video (sec)	Grade
075					
.0)	AMH	Manhole	10	NA
\\)	MWL	Water Level	21	NA
1	3.9	DAE	Deposits Attached Encrustation	60	M 2
2	9.4	IW	Infil Weeper	103	M 2
3!	9.7	DAE(S01)	Deposits Attached Encrustation	135	M 2
3:	9.7	IW(S02)	Infil Weeper	146	M 2
7	6.6	IW(F02)	Infil Weeper	231	M 2
7	6.6	DAE(F01)	Deposits Attached Encrustation	242	M 2
9:	2.2	IW	Infil Weeper	285	M 2
9:	3.6	TFA	Tap Factory Active	299	NA
9	9.5	IW	Infil Weeper	322	M 2
1	00.9	TFA	Tap Factory Active	337	NA
1	00.9	DAGS	Deposits Attached Grease	348	M 2
1	59.8	TFC	Tap Factory Capped	478	NA
$\sqrt{1}$	76.0	RMJ	Roots Medium Joint	522	M 3
	76.0	IW	Infil Weeper	533	M 2
///1	82.7	TF	Tap Factory	558	NA
	93.5	IW	Infil Weeper	592	M 2
1 1//2	08.7	MMC	Material Change	634	NA

- /// 210.3	TF	Tap Factory	649	NA
212.0	MMC	Material Change	664	NA
^{_/} //216.4	RMJ	Roots Medium Joint	684	M:
259.3	TFC	Tap Factory Capped	782	NA
280.3	FC	Fracture Circumferential	836	S 2
295.3	DAE	Deposits Attached Encrustation	877	M
299.8	TFD	Tap Factory Defective	898	М
299.8	DAE	Deposits Attached Encrustation	909	M
305.8	DAE	Deposits Attached Encrustation	932	M
305.8	IW	Infil Weeper	943	M
307.6	TFC	Tap Factory Capped	959	NA
308.1	DAE	Deposits Attached Encrustation	972	M
308.1	IW	Infil Weeper	983	М
318.0	DAE	Deposits Attached Encrustation	1014	M 2
328.5	IW	Infil Weeper	1046	M 2
//338.8	DAE	Deposits Attached Encrustation	1078	M
_//354.7	IW	Infil Weeper	1122	M
///365.0	IW	Infil Weeper	1154	M
_/ // 365.0	DAE	Deposits Attached Encrustation	1165	M
/// 375.3	DAE	Deposits Attached Encrustation	1197	M
380.3	IW	Infil Weeper	1219	M
/// 382.1	TFA	Tap Factory Active	1234	NA
	RMJ	Roots Medium Joint	1263	M
393.0	AMH	Manhole	1279	NA



Code: AMH
Description: Manhole

Distance (ft): .0
Structural Grade: 0
O&M Grade: 0
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: NO

Remarks: M-503-075



Code: MWL

Description: Water Level

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

Clock Start/From:

Clock To: 1st Value: 2nd Value:

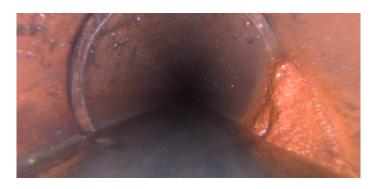
Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 13.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3
Clock To: 4
1st Value:
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Description: Infil Weeper

Distance (ft): 29.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 8

Clock To: 4

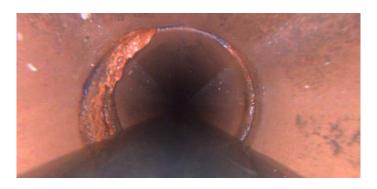
1st Value:

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 39.7
Structural Grade: 0

O&M Grade: 2

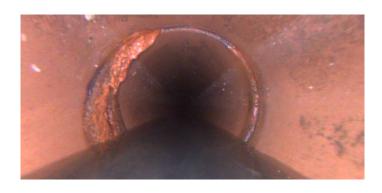
Clock Start/From: 8

Clock To: 4

1st Value: 2

2nd Value:

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



Description: Infil Weeper

Distance (ft): 39.7
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 8

Clock To: 4

1st Value: 2

2nd Value: Value Percent:

Continuous Index: S02
Within 8" of Joint: YES

Remarks:



Code: IW

Description: Infil Weeper

Distance (ft): 76.6 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 8 4 Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: F02 Within 8" of Joint: YES



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 76.6
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 8

Clock To: 4

1st Value:

1st Value: 2nd Value:

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

Remarks:

Code: IW

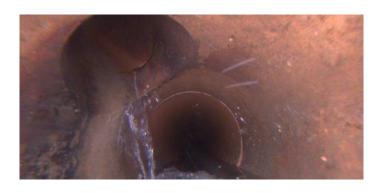
Description: Infil Weeper



Distance (ft): 92.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:

Within 8" of Joint: YES

Continuous Index:



Code: TFA

Description: Tap Factory Active

4.000

YES

Distance (ft): 93.6
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11

Clock To:

1st Value:

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

Remarks:

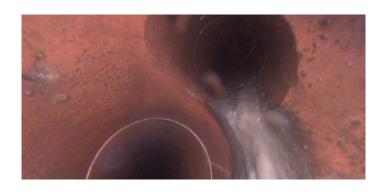


Description: Infil Weeper



Distance (ft): 99.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Within 8" of Joint:



Code: TFA

Description: Tap Factory Active

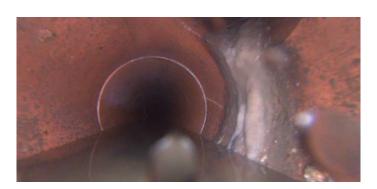
Distance (ft): 100.9
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 1

Clock To:

1st Value: **4.000**

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

Remarks:



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 100.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2
Clock To: 4
1st Value:

2nd Value: Value Percent:

alue Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Code: TFC

Description: Tap Factory Capped

Distance (ft): 159.8
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:

Remarks:



Code: RMJ

Description: Roots Medium Joint

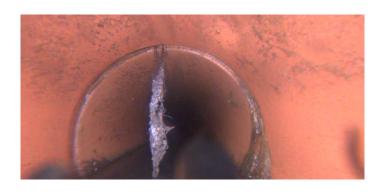
Distance (ft): 176.0
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 12

Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Description: Infil Weeper

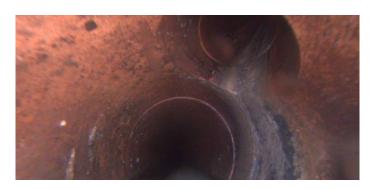
Distance (ft): 176.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2
Clock To: 4
1st Value:

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

Within 8" of Joint:

Remarks:

YES



Code: **TF**

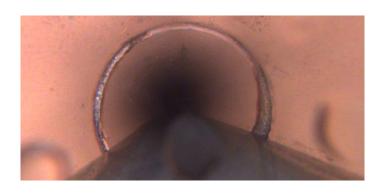
Description: Tap Factory

Distance (ft): 182.7
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:



Description: Infil Weeper

Distance (ft): 193.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: MMC

Description: Material Change

Distance (ft): 208.7
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



Code: **TF**

Description: Tap Factory

Distance (ft): 210.3
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:



Code: MMC

Description: Material Change

Distance (ft): 212.0
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: pvc



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 216.4
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4
1st Value:

2nd Value:

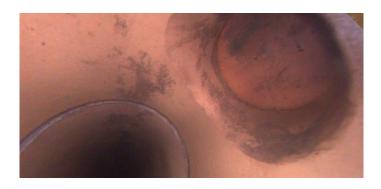
Value Percent: 20.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TFC**

Description: Tap Factory Capped

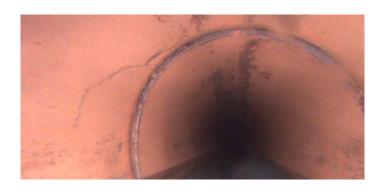
Distance (ft): 259.3
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2

Clock To:

1st Value: **4.000**

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

.....



Code: FC

Description: Fracture Circumferential

Distance (ft): 280.3
Structural Grade: 2
O&M Grade: 0
Clock Start/From: 9
Clock To: 11

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

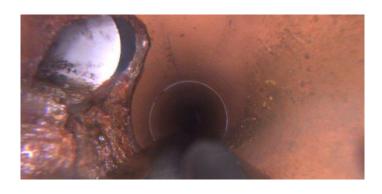
Description: Deposits Attached Encrustation

Distance (ft): 295.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Code: **TFD**

Description: **Tap Factory Defective**

Distance (ft): 299.8 Structural Grade: 0 2 O&M Grade: Clock Start/From: 9

Clock To:

1st Value: 4.000

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

Remarks: dae



Code: DAE

Description: **Deposits Attached Encrustation**

Distance (ft): 299.8 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 7 9 Clock To: 1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 305.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:

2nd Value:

Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: IW

Description: Infil Weeper

Distance (ft): 305.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:

YES



Code: TFC

Description: Tap Factory Capped

Distance (ft): 307.6
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:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 308.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:

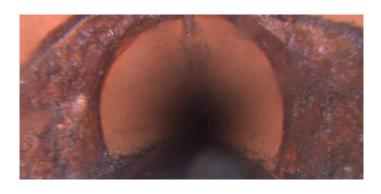
Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES

Remarks:

2nd Value:



Description: Infil Weeper

Distance (ft): 308.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

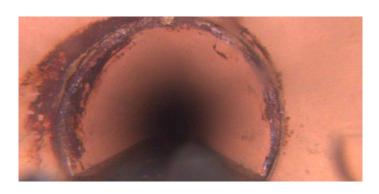
Distance (ft): 318.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:

2nd Value: Value Percent:

alue Percent: 10.000

Continuous Index:

Within 8" of Joint: YES



Description: Infil Weeper

Distance (ft): 328.5
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4

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

Within 8" of Joint: YES

Remarks:



Code: DAE

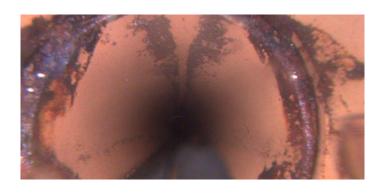
Description: Deposits Attached Encrustation

Distance (ft): 338.8
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 2
Clock To: 4
1st Value:
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Description: Infil Weeper

Distance (ft): 354.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:

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

Within 8" of Joint:

Remarks:

YES

YES



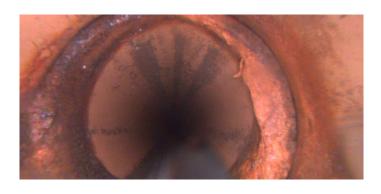
Code: IW

Description: Infil Weeper

Distance (ft): 365.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index:

Remarks:

Within 8" of Joint:



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 365.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:

1st Value: 2nd Value:

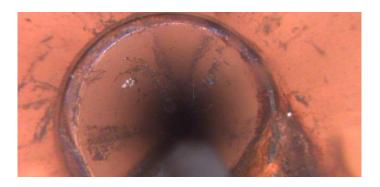
Value Percent: 10.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: DAE

Description: Deposits Attached Encrustation

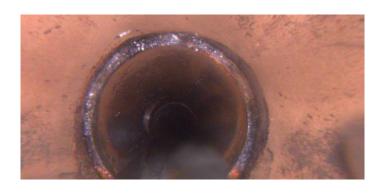
Distance (ft): 375.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 3
Clock To: 4
1st Value:

2nd Value: Value Percent:

lue Percent: 5.000

Continuous Index:

Within 8" of Joint: YES



Description: Infil Weeper

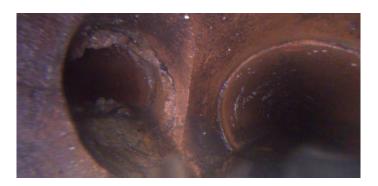
Distance (ft): 380.3
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4

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

Within 8" of Joint:

Remarks:

YES



Code: TFA

Description: Tap Factory Active

Distance (ft): 382.1
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:



Code: RMJ

Description: Roots Medium Joint

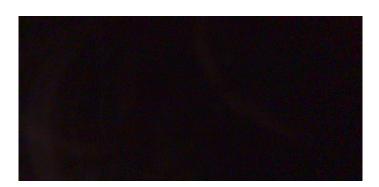
Distance (ft): 390.8
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value:

Value Percent: 40.000

Continuous Index:

Within 8" of Joint: YES
Remarks: at MH



Code: AMH
Description: Manhole

Distance (ft): 393.0
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-503-076