Profile/Photo Observation Report



Date: 04/24/2018 Weather: **PACP 6.0** Coding: Pipe Length (ft): 301.0 Owner: NA Pre Clean: **Not Known** P.O.#: Jen Costello PSR: P-604-068-067 Surveyor:

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

Street: Summerlin Flow Control: Not Controlled

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

Purpose: Not Known Dia/Height: 12"
Use: Sanitary Material: VCP

Drain Area: NA Lining:

Category: NA

Comment:

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

US MH: M-604-068 DS MH: M-604-067 Total Length Surveyed (ft): 292.0

2.24 352A 38.00 O&M Index: O&M Quick: O&M Rating: 3.02 190.00 Structural Quick: Structural Rating: Structural Index: 2.85 228.00 Overall Quick: Overall Rating: Overall Index:

	Position	Code	Observation	Video (sec)	Grade
л (604-)	068				
	0.	AMH	Manhole	10	NA
ш	0.	MWL	Water Level	22	NA
Н	√∭.0	CM(S06)	Crack Multiple	33	S 3
	0.	DSF(S01)	Deposits Settled Fine	44	M 2
ш	5.7	DSF(F01)	Deposits Settled Fine	67	M 2
ш	\18.8	TF	Tap Factory	106	NA
ш	54.7	TF	Tap Factory	193	NA
	56.9	TFA	Tap Factory Active	212	NA
	57.4	CM	Crack Multiple	227	S 3
ш	65.1	DAGS	Deposits Attached Grease	254	M 2
-	77.4	RFJ	Roots Fine Joint	290	M 1
	81.3	RMJ(S03)	Roots Medium Joint	309	M 3
	86.6	TF	Tap Factory	332	NA
	87.1	TF	Tap Factory	346	NA
ш	88.9	TF	Tap Factory	364	NA
	88.9	RFB	Roots Fine Barrel	376	M 2
,	89.1	TFD	Tap Factory Defective	390	M 2
	89.1	RML	Roots Medium Lateral	402	M 3
	89.1	FL	Fracture Longitudinal	414	S 3

95.5	RMJ(F03)	Roots Medium Joint	440	M 3
130.1	RFB	Roots Fine Barrel	521	M 2
133.6	TFD	Tap Factory Defective	541	M 2
133.6	RML	Roots Medium Lateral	552	М 3
135.8	TFA	Tap Factory Active	572	NA
142.3	FL(S05)	Fracture Longitudinal	598	S 3
150.7	FL(F05)	Fracture Longitudinal	627	S 3
174.2	TFD	Tap Factory Defective	687	M 2
174.2	DAGS	Deposits Attached Grease	698	M 2
174.2	FM	Fracture Multiple	711	S 4
176.0	TFA	Tap Factory Active	728	NA
209.0	DAE	Deposits Attached Encrustation	807	M 2
210.7	TFA	Tap Factory Active	824	NA
210.7	DAE	Deposits Attached Encrustation	837	M 2
212.7	TF	Tap Factory	854	NA
230.0	ТВІ	Tap Break-in Intruding	902	M 2
248.9	TF	Tap Factory	954	NA
251.1	TFA	Tap Factory Active	973	NA
288.9	CM(F06)	Crack Multiple	1062	S 3
292.0	AMH	Manhole	1080	NA



Code: AMH
Description: Manhole

Distance (ft):

Structural Grade:

O&M Grade:

Clock Start/From:

Clock To:

1st Value:

2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint: NO

M-604-068



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: CM

Description: Crack Multiple

Distance (ft): .0
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 4
1st Value:
2nd Value:
Value Percent:
Continuous Index: \$06

Within 8" of Joint: YES



Code: **DSF**

Description: Deposits Settled Fine

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

Clock To: 1st Value: 2nd Value:

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

Remarks: WANDER



Code: **DSF**

Description: Deposits Settled Fine

Distance (ft): 5.7
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 6

Clock To: 1st Value: 2nd Value:

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

Remarks: WANDER



Code: **TF**

Description: Tap Factory

Distance (ft): 18.8
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:

Remarks:



Code: **TF**

Description: Tap Factory

Distance (ft): 54.7
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:



Code: **TFA**

Description: **Tap Factory Active**

4.000

Distance (ft): 56.9 Structural Grade: 0 0 O&M Grade: Clock Start/From: 2

Clock To:

1st Value:

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

Remarks:

CM Code:

Description: **Crack Multiple**



Distance (ft): 57.4 Structural Grade: 3

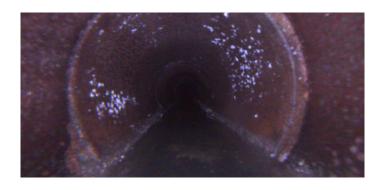
O&M Grade: 0 Clock Start/From: 10 12

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

Within 8" of Joint: YES

Remarks:

Clock To:



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 65.1
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 8

Clock To: 4

1st Value:

2nd Value:

Value Percent: 0.000

Continuous Index:

Within 8" of Joint: NO

Remarks: LESS THAN 5%



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 77.4

Structural Grade: 0

O&M Grade: 1

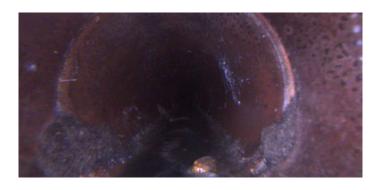
Clock Start/From: 8

Clock To: 4

1st Value: 2

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 81.3
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4
1st Value:

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S03
Within 8" of Joint: YES

Remarks:

Code: **TF**

Description: Tap Factory



Distance (ft): 86.6
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:



Code: **TF**

Description: Tap Factory

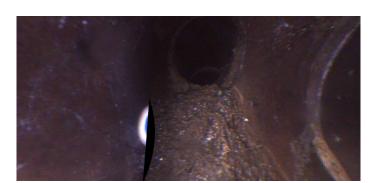
Distance (ft): 87.1
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

1st Value: **4.000**

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

Remarks:



Code: **TF**

Description: **Tap Factory**

Distance (ft): 88.9
Structural Grade: 0

O&M Grade: 0

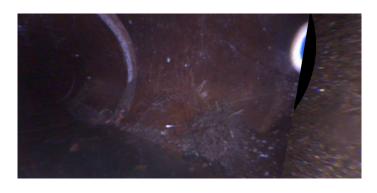
Clock Start/From: 2

Clock To:

1st Value: **4.000**

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

.....



Code: RFB

Description: Roots Fine Barrel

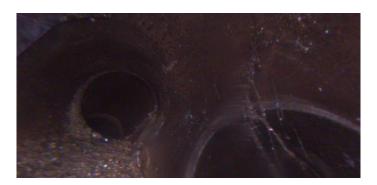
Distance (ft): 88.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 4
Clock To: 5

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

Within 8" of Joint:

Remarks:

NO



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 89.1
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: roots



Code: RML

Description: Roots Medium Lateral

Distance (ft): 89.1
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 3

Clock To: 4

1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: FL

Description: Fracture Longitudinal

Distance (ft): 89.1
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 12
Clock To:

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

Within 8" of Joint: YES



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 95.5
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 4
1st Value:

2nd Value:

Value Percent: 5.000
Continuous Index: F03
Within 8" of Joint: YES

Remarks:

Code: RFB

Description: Roots Fine Barrel



Distance (ft): 130.1
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 12

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

Within 8" of Joint: NO



Code: **TFD**

Description: Tap Factory Defective

Distance (ft): 133.6
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10

Clock To:

1st Value: **4.000**

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

Remarks: roots



Code: RML

Description: Roots Medium Lateral

Distance (ft): 133.6
Structural Grade: 0
O&M Grade: 3
Clock Start/From: 8
Clock To: 9
1st Value:
2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint: NO



Code: TFA

Description: Tap Factory Active

Distance (ft): 135.8
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:

Remarks:



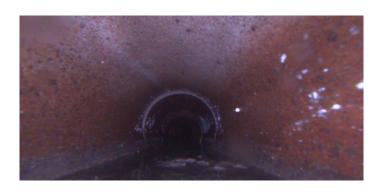
Code: FL

Description: Fracture Longitudinal

Distance (ft): 142.3
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 12

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

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



Code: FL

Description: Fracture Longitudinal

Distance (ft): 150.7
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 12

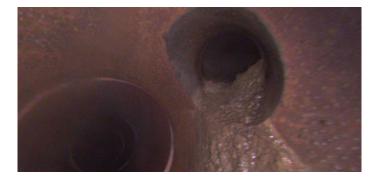
Clock To: 1st Value: 2nd Value: Value Percent:

Continuous Index: F05
Within 8" of Joint: YES

Remarks:

Code: **TFD**

Description: Tap Factory Defective



Distance (ft): 174.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10

Clock To:

1st Value: **4.000**

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

Remarks: DAGS



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 174.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 9
1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

NO



Code: FM

Description: Fracture Multiple

Distance (ft): 174.2
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



Code: **TFA**

Description: **Tap Factory Active**

Distance (ft): 176.0 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:



Description: **Deposits Attached Encrustation**



Distance (ft): 209.0 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 9 Clock To: 11

1st Value: 2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: TFA

Description: Tap Factory Active

Distance (ft): 210.7
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 10

Clock To:

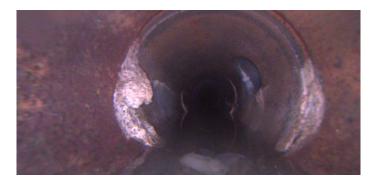
1st Value: **4.000**

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

Remarks:



Description: Deposits Attached Encrustation



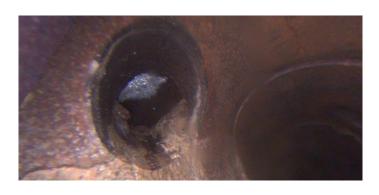
Distance (ft): 210.7
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 8
Clock To: 4
1st Value:

2nd Value: Value Percent:

10.000

Continuous Index: Within 8" of Joint:

ithin 8" of Joint: YES



Code: **TF**

Description: Tap Factory

Distance (ft): 212.7
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:



Code: TBI

Description: Tap Break-in Intruding

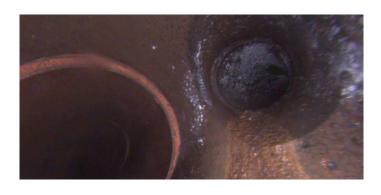
Distance (ft): 230.0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 10

Clock To:

 1st Value:
 4.000

 2nd Value:
 1.000

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



Code: TF

Description: **Tap Factory**

Distance (ft): 248.9 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:



TFA Code:

Description: **Tap Factory Active**

Distance (ft): 251.1 Structural Grade: 0 O&M Grade: 0 Clock Start/From: 2

Clock To:

4.000 1st Value:

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



Code: CM

Description: Crack Multiple

Distance (ft): 288.9
Structural Grade: 3
O&M Grade: 0
Clock Start/From: 8
Clock To: 4

1st Value: 2nd Value: Value Percent:

Continuous Index: F06
Within 8" of Joint: YES

Remarks:

Code: AMH
Description: Manhole



Distance (ft): 292.0 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-604-067