## **Profile/Photo Observation Report**

					RUBUIICS
Date:	04/19/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft)	): <b>402.0</b>	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Justin Gonzales	PSR:	P-805-056-055
Customer:		Clean Date:	01/01/1900	Shape:	с
Street:	LILLIAN ST	I	Flow Control:	Not Controlled	
City:	Hobart, IN	Ň	Year Renewed:		
Location:	Other	-	Tape/Media #:		
Purpose:	Not Known	l	Dia/Height:	12"	
Use:	Sanitary	1	Material:	VCP	
Drain Area:	NA	l	Lining:		
Category:	NA				
Comment:					
Location Detail	s:	I	Direction of Survey	: Downstream	
US MH:	M-805-056	DS MH: M	-805-055	Total Length Surveyed (ft):	302.9
O&M Index:	1.72	O&M Quick:	4131	O&M Rating:	55.00
Structural Index:	2.74		. 4636		52.00
Structural muex:		Structural Quick	· · ·	Structural Rating:	
Overall Index:	2.10	Overall Quick:	4737	Overall Rating:	107.00

	Position	Code	Observation	Video (sec)	Grade
M-805	5-056				
	0. /	AMH	Manhole	10	NA
	0.	MWL	Water Level	21	NA
- 10	-\\ <u>5.0</u>	СМ	Crack Multiple	43	S 3
- 11	13.2	TF	Tap Factory	73	NA
- 11	31.6	TF	Tap Factory	125	NA
- 88	35.8	FS	Fracture Spiral	147	S 3
- 11	36.7	SSS	Surface Spalling	163	S 2
	46.1	CS	Crack Spiral	195	S 2
	52.0	FL	Fracture Longitudinal	218	S 3
5	70.8	RFJ	Roots Fine Joint	267	M 1
e cti	71.2	FL	Fracture Longitudinal	280	S 3
	71.2	RFL	Roots Fine Lateral	291	M 1
Camera Direction	71.2	RFB	Roots Fine Barrel	302	M 2
Car	71.2	TFD	Tap Factory Defective	313	M 2
		FM	Fracture Multiple	333	S 4
	-\\\87.0	RFJ	Roots Fine Joint	368	M 1
† 🖿	91.3	FM	Fracture Multiple	387	S 4
		СМ	Crack Multiple	406	S 3
	=	RFJ	Roots Fine Joint	417	M 1

Thursday, November 16, 2023

RedZone

103.2	RFJ	Roots Fine Joint	445	Μ
106.3	TF	Tap Factory	463	NA
107.7	FM	Fracture Multiple	478	S 4
111.6	FM	Fracture Multiple	498	S 2
150.4	FS	Fracture Spiral	587	S B
/ 165.4	TF	Tap Factory	629	NA
187.2	CC	Crack Circumferential	684	S 1
/ 189.1	CC	Crack Circumferential	700	S 1
193.5	FM	Fracture Multiple	720	S 4
207.7	RFJ	Roots Fine Joint	760	М
213.7	FC	Fracture Circumferential	784	S 2
220.8	TF	Tap Factory	809	NA
226.3	RFJ	Roots Fine Joint	832	М
230.7	FM	Fracture Multiple	852	S 4
232.6	CC	Crack Circumferential	867	S 1
233.7	DAGS(S01)	Deposits Attached Grease	881	М
242.3	RFJ	Roots Fine Joint	910	М
252.7	TFD	Tap Factory Defective	944	М
252.7	RFL	Roots Fine Lateral	955	М
257.4	CC	Crack Circumferential	977	S 1
260.5	MWL	Water Level	995	NA
269.6	RFJ	Roots Fine Joint	1024	М
272.6	MGO	General Observation	1041	NA
282.7	RFJ	Roots Fine Joint	1075	М
289.1	RFJ	Roots Fine Joint	1098	М
294.7	RML	Roots Medium Lateral	1120	М
294.7	TFD	Tap Factory Defective	1131	М
295.5	MCU	Camera Underwater	1145	М
296.6	TBI	Tap Break-in Intruding	1158	М
/ 298.6	TF	Tap Factory	1174	NA
/ 299.5	DAGS(F01)	Deposits Attached Grease	1187	М
302.9	MSA	Abandoned Survey	1208	NA

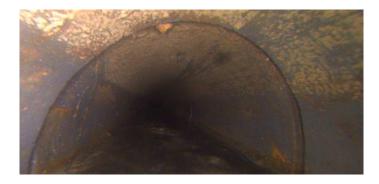


Code:	AMH
Description:	Manhole

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-805-056



Code: Description:	MWL Water Level
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	СМ
Description:	Crack Multiple

Distance (ft):	5.0
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



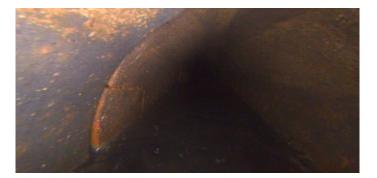
Code: Description:	TF Tap Factory
Distance (ft):	13.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	31.6
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
al 1 =	

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

0	
0	
2	
4.000	



Code:	FS
Description:	Fracture Spiral
	25.0
Distance (ft):	35.8
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	7
Clock To:	9
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:SSSDescription:Surface Spalling

Distance (ft):	36.7
Structural Grade:	2
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: Description:	CS Crack Spiral
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	46.1 2 0 9 11 YES
Remarks:	



Code:FLDescription:Fracture Longitudinal

Distance (ft):	52.0
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	RFJ
Description:	<b>Roots Fine Joint</b>

Distance (ft):	70.8
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	2
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:FLDescription:Fracture Longitudinal

Distance (ft):	71.2
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:	
Remarks:	



Code:	RFL
Description:	<b>Roots Fine Lateral</b>
Distance (ft):	71.2
Distance (ft):	/1.2
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	12
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO

Remarks:



Code: Description:	RFB Roots Fine Barrel
Distance (ft):	71.2
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
Remarks:	



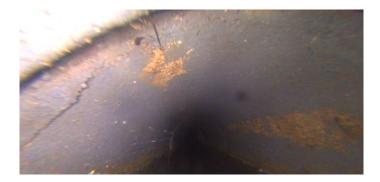
Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	71.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	ROOTS COMING FROM TAP



Distance (ft):	75.0
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	3
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	RFJ Roots Fine Joint
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	87.0 0 1 9 12 YES
Remarks:	il.



Distance (ft):	91.3
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	9
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	CM Crack Multiple
Distance (ft):	95.0
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	1
1st Value:	
2nd Value:	

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

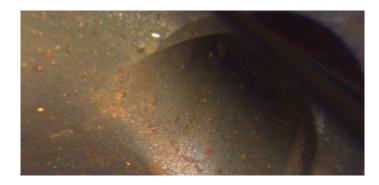


Code:	RFJ
Description:	<b>Roots Fine Joint</b>

Distance (ft):	95.0
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

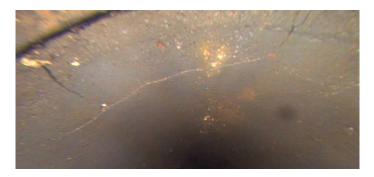


Code:	RFJ
Description:	<b>Roots Fine Joint</b>
	102.2
Distance (ft):	103.2
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	TF
Description:	Tap Factory

Distance (ft):	106.3
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:	



Code:	FM
Description:	Fracture Multiple
Distance (ft):	107.7
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Distance (ft):	111.6
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:	FS
Description:	Fracture Spiral
Distance (ft):	150.4
Distance (ft):	150.4
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	TF
Description:	Tap Factory

Distance (ft):	165.4
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:	

Remarks:



Code: Description:	CC Crack Circumferential
Distance (ft):	187.2
Structural Grade:	1
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:CCDescription:Crack Circumferential

Distance (ft):	189.1
Structural Grade:	1
O&M Grade:	0
Clock Start/From:	9
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	FM
Description:	Fracture Multiple
Distance (ft):	193.5
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	

YES

Within 8" of Joint:

Remarks:



Code:**RFJ**Description:**Roots Fine Joint** 

Distance (ft):	207.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Within 8" of Joint:

Remarks:

and the second s			Sec. 5	and the
	and the second			
			La ser	2
			Witten	
			1 mil	Con la

Code: Description:	FC Fracture Circumferential
Distance (ft):	213.7
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	10
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	

YES

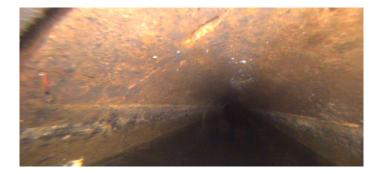


Code:	TF
Description:	Tap Factory

Distance (ft):	220.8
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:	



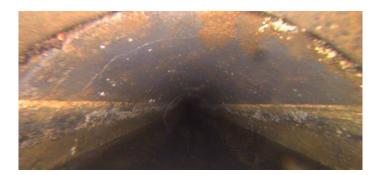
Code:	RFJ
Description:	<b>Roots Fine Joint</b>
Distance (ft):	226.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Distance (ft):	230.7
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

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

Remarks:



Code:	CC
Description:	Crack Circumferential
Distance (ft):	232.6
Structural Grade:	1
O&M Grade:	0
Clock Start/From:	10
Clock To:	12
1st Value:	

YES



Code:DAGSDescription:Deposits Attached Grease

Distance (ft):	233.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	



Code:	RFJ
Description:	<b>Roots Fine Joint</b>

Distance (ft):	242.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: TFD Description: **Tap Factory Defective** Distance (ft): 252.7 Structural Grade: 0 O&M Grade: 2 Clock Start/From: 2 Clock To: 1st Value: 4.000 2nd Value: Value Percent: Continuous Index:

rfl

RFL



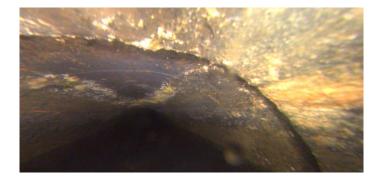
Description:	Roots Fine Lateral
Distance (ft):	252.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	3
Clock To:	
1st Value:	

Within 8" of Joint:

Remarks:

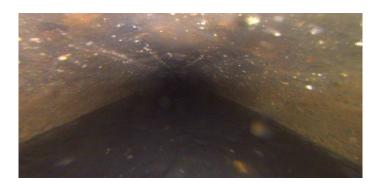
Code:

1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:CCDescription:Crack Circumferential

Distance (ft):	257.4
Structural Grade:	1
O&M Grade:	0
Clock Start/From:	11
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code: Description:	MWL Water Level
Distance (ft):	260.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:**RFJ**Description:**Roots Fine Joint** 

Distance (ft):	269.6
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
Remarks:	

Code:



Description:	General Observation
Distance (ft):	272.6
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:	FRONT LENS OBSTRUCTED

MGO



Code: Description:	RFJ Roots Fine Joint
Distance (ft):	282.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	
1st Value:	

1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



RFJ Roots Fine Joint
289.1
0
1
12
1
YES



Code:RMLDescription:Roots Medium Lateral

Distance (ft):	294.7
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	2
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:



Description:	Tap Factory Defective
Distance (ft):	294.7
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 BLOCKING MOUTH OF TAP

TFD



Code: Description: MCU Camera Underwater

Distance (ft):295.5Structural Grade:0O&M Grade:4Clock Start/From:4Clock To:11st Value:22nd Value:4Value Percent:4Continuous Index:NORemarks:1

Code:	ТВІ
Description:	Tap Break-in Intruding
Distance (ft):	296.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To:	
1st Value:	4.000

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

Remarks:

1.000



Code:	TF
Description:	Tap Factory

Distance (ft):	298.6
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:	



Code:	DAGS
Description:	Deposits Attached Grease

Distance (ft):	299.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	



Code: Description: MSA Abandoned Survey

Distance (ft):	302.9
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:	MCU