Profile/Photo Observation Report					
Date:	04/23/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft	t): <b>309.3</b>	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Jen Costello	PSR:	P-604-004-006
Customer:		Clean Date:	01/01/1900	Shape:	C
Street: W CLEVELAND AVE & WILLOW PL Flow Co		Flow Control:	Not Controlled		
City:	Hobart, IN		Year Renewed:		
Location:	Other		Tape/Media #:		
Purpose:	Not Known		Dia/Height:	10"	
Use:	Sanitary		Material:	СР	
Drain Area:	NA		Lining:		
Category:	NA				
Comment:					
Location Detai	ls:		Direction of Surv	vey: Downstream	
US MH:	M-604-006	DS MH:	M-604-004	Total Length Surveyed (ft)	: <b>306.5</b>
D&M Index:	1.98	O&M Quick:	322	F O&M Rating:	85.00
Structural Index	3.01	Structural Q	450		217.00
Overall Index:	2.63	Overall Quic			302.00

	Position	Code	Observation	Video (sec)	Grade
M-604-	006				
	0.	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	\\ <u>.</u> 0	SAP(S01)	Surface Aggregate Projecting	32	S 3
	\	DAGS(S02)	Deposits Attached Grease	72	M 2
	45.8	FC	Fracture Circumferential	147	S 2
	52.9	DAGS(F02)	Deposits Attached Grease	173	M 2
	75.3	FM	Fracture Multiple	229	S 4
	84.4	FM	Fracture Multiple	259	S 4
	//99.3	DAE	Deposits Attached Encrustation	300	M 2
5 <b>.</b>	_///101.9	DAE	Deposits Attached Encrustation	316	M 2
Camera Direction	///102.4	FM	Fracture Multiple	329	S 4
Dir	_ /// 115.4	FC	Fracture Circumferential	368	S 2
Jera	// 117.3	FL	Fracture Longitudinal	383	S 3
Carter Carter	// 125.4	TFA	Tap Factory Active	411	NA
	// 126.5	IW	Infil Weeper	425	M 2
	// 126.5	DAE	Deposits Attached Encrustation	436	M 2
1=	128.5	TF	Tap Factory	452	NA
	132.4	DAE	Deposits Attached Encrustation	471	M 2
	132.5	RFJ	Roots Fine Joint	483	M 1

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156.4	DAE	Deposits Attached Encrustation	543	M 2
156.4	FL	Fracture Longitudinal	554	S 3
168.6	RFJ	Roots Fine Joint	590	M 1
177.5	DAE	Deposits Attached Encrustation	619	M 2
177.9	FM	Fracture Multiple	632	S 4
187.0	DAE(S03)	Deposits Attached Encrustation	662	M 2
200.6	TF	Tap Factory	701	NA
203.6	TF	Tap Factory	718	NA
203.6	FC	Fracture Circumferential	729	S 2
266.4	TFA	Tap Factory Active	867	NA
266.4	ТВ	Tap Break-in	878	NA
280.0	RFJ	Roots Fine Joint	917	M 1
282.6	FM	Fracture Multiple	934	S 4
282.6	RMJ	Roots Medium Joint	945	M 3
289.3	RMJ	Roots Medium Joint	970	M 3
299.7	TF	Tap Factory	1003	NA
//303.1	FC	Fracture Circumferential	1021	S 2
/// 303.1	DAE(F03)	Deposits Attached Encrustation	1032	M 2
/// 303.1	SAP(F01)	Surface Aggregate Projecting	1043	S 3
306.5	AMH	Manhole	1061	NA

M<del>604</del>004



Code:	АМН
Description:	Manhole
Distance (ft):	.0
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-604-006



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:	30.000
Continuous Index:	
Within 8" of Joint:	NO

Description: Distance (ft): Structural Grade:

Remarks:

Code:	SAP
Description:	Surface Aggregate Projecting



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:	S01	
Within 8" of Joint:		
Remarks:		

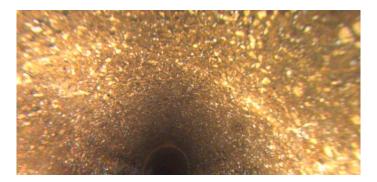


Code:DAGSDescription:Deposits Attached Grease

Distance (ft):	14.1
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S02
Within 8" of Joint:	NO
Remarks:	

Code:

Description:



Distance (ft):	45.8
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

FC

Fracture Circumferential



Code:DAGSDescription:Deposits Attached Grease

Distance (ft):	52.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F02
Within 8" of Joint:	NO
Remarks:	

Code:

Continuous Index: Within 8" of Joint:

Remarks:



Description:	Fracture Multiple
Distance (ft):	75.3
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	1
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	

FM

YES

5



Code:	FM
Description:	Fracture Multiple

Distance (ft):	84.4
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	2
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



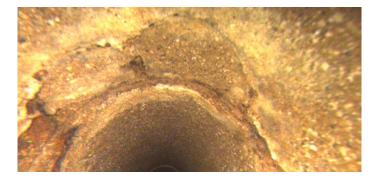
Code:	DAE
Description:	Deposits Attached Encrustation

Distance (ft):	99.3
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
Remarks:	



Distance (ft):	101.9
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
Remarks:	

Code:



Description:	Fracture Multiple
Distance (ft):	102.4
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	

FM

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



Code:FCDescription:Fracture Circumferential

Distance (ft):	115.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Continuous Index: Within 8" of Joint:

Remarks:



Code: Description:	FL Fracture Longitudinal
Distance (ft):	117.3
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	

YES



Code:TFADescription:Tap Factory Active

Distance (ft):	125.4
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:	



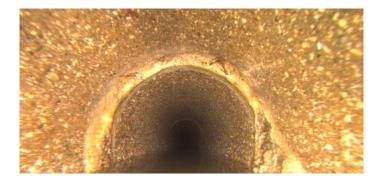
Code:	IW
Description:	Infil Weeper
Distance (ft):	126.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value: 2nd Value:	•
Value Percent: Continuous Index:	
Within 8" of Joint: Remarks:	YES



Distance (ft):	126.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

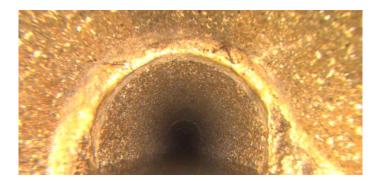


Code: Description:	TF Tap Factory
Distance (ft):	128.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Distance (ft):	132.4
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
Remarks:	

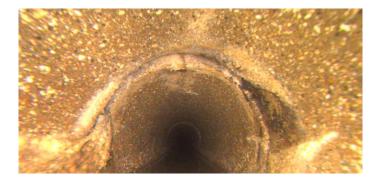
Code:



Description:	<b>Roots Fine Joint</b>
Distance (ft):	132.5
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

RFJ

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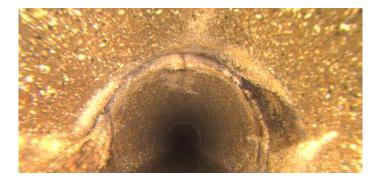


156.4
0
2
8
4
5.000
YES

Code:

Within 8" of Joint:

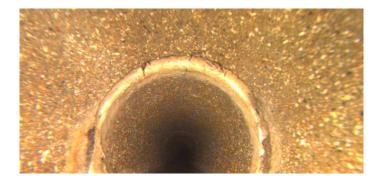
Remarks:



couc.	
Description:	Fracture Longitudinal
Distance (ft):	156.4
. ,	
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	

FL

YES



Code:RFJDescription:Roots Fine Joint

Distance (ft)	160 6
Distance (ft):	168.6
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:	DAE
Description:	Deposits Attached Encrustation

Distance (ft):	177.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



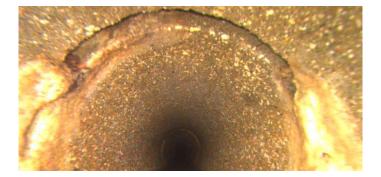
Code:FMDescription:Fracture Multiple

Distance (ft):	177.9
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	2
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Code:

Within 8" of Joint:

Remarks:



Description:	Deposits Attached Encrustation
Distance (ft):	187.0
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S03

DAE

YES



Code:	TF
Description:	Tap Factory
Distance (ft):	200.6

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:	
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	203.6 0 2 4.000
Value Percent: Continuous Index: Within 8" of Joint: Remarks:	



Code:FCDescription:Fracture Circumferential

Distance (ft):	203.6
Distance (it).	200.0
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	11
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Continuous Index: Within 8" of Joint:

Remarks:

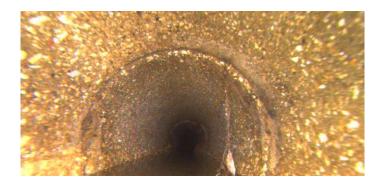


Code:	TFA
Description:	<b>Tap Factory Active</b>
Distance (ft):	266.4
	200.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	



Code:	ТВ
Description:	Tap Break-in

Distance (ft):	266.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
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):	280.0
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	8

4

YES

Clock To:

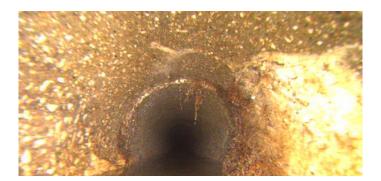
1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:

Remarks:



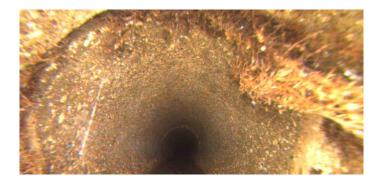
Code:FMDescription:Fracture MultipleDistance (ft):282.6Structural Grade:4O&M Grade:0Clock Start/From:8

Clock Start/From:	8
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	RMJ
Description:	Roots Medium Joint

Distance (ft):	282.6
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:RMJDescription:Roots Medium Joint

Distance (ft):	289.3
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:	YES
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	299.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:FCDescription:Fracture Circumferential

Distance (ft):	303.1
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:	DAE
Description:	Deposits Attached Encrustation

Distance (ft):	303.1
Structural Grade:	0
O&M Grade:	2
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:SAPDescription:Surface Aggregate Projecting

Distance (ft):	303.1
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	
Remarks:	



Code:	AMH
Description:	Manhole
Distance (ft):	206 5

500.5
0
0
NO
M-604-004