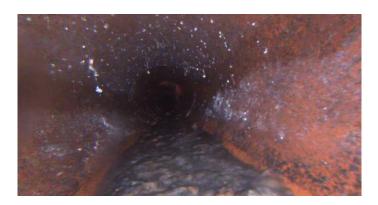
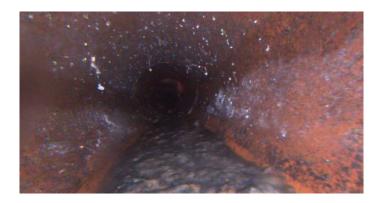
Profile/Ph	ioto Observatio	n Report			RedZon
Date:	04/22/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft	z): <b>223.0</b>	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-805-017-018
Customer:		Clean Date:	01/01/1900	Shape:	C
Street:	E 5TH ST		Flow Control:	Not Controlled	
City:	Hobart, IN		Year Renewed:		
Location:	Alley		Tape/Media #:		
Purpose:	Maintenance Rel	ated	Dia/Height:	10"	
Use:	Sanitary		Material:	VCP	
Drain Area:	NA		Lining:	Cured in Place	
Category:	NA				
Comment:	heavy debris at 1	14'flow incorrect.			
Location Detai	ls:		Direction of Survey	: Upstream	
US MH:	M-805-018	DS MH:	M-805-017	Total Length Surveyed (ft)	115.2
O&M Index:	1.50	O&M Quick:	3121	O&M Rating:	9.00
Structural Index	0.00	Structural Qui	ck: 0000	Structural Rating:	0.00
Overall Index:	1.50	Overall Quick:	3121	Overall Rating:	9.00

	Position	Code	Observation	Video (sec)	Grade
M(805-0	17				
$\sim$	.0	AMH	Manhole	10	NA
``` <b>`</b> ````````````````````````````````	0.	MWL	Water Level	21	NA
	7.9	TFC	Tap Factory Capped	51	NA
	7.9	RFJ	Roots Fine Joint	64	M 1
	17.6	TF	Tap Factory	97	NA
	64.5	TF	Tap Factory	203	NA
	74.8	TF	Tap Factory	236	NA
	98.8	DAGS(S01)	Deposits Attached Grease	296	M 2
	101.0	RFJ	Roots Fine Joint	311	M 1
5 I	104.9	RMJ	Roots Medium Joint	331	M 3
ecti	105.5	TF	Tap Factory	343	NA
Camera Direction	105.5	DAGS(F01)	Deposits Attached Grease	355	M 2
nera	107.1	RFJ	Roots Fine Joint	369	M 1
	111.3	RFJ	Roots Fine Joint	389	M 1
	115.2	MSA	Abandoned Survey	410	NA



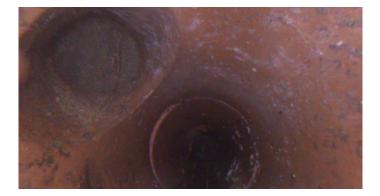
Code: Description:	AMH Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-805-017

M(805)018



Code: MWL Description: Water Level

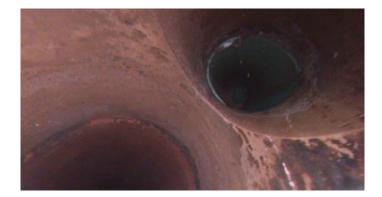
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



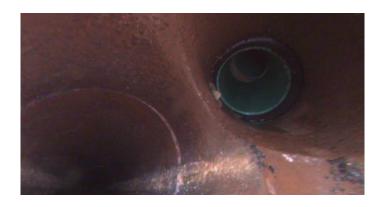
Code: Description:	TFC Tap Factory Capped
Distance (ft):	7.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:	RFJ
Description:	<b>Roots Fine Joint</b>
Distance (ft):	7.0
Distance (ft):	7.9
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	10
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

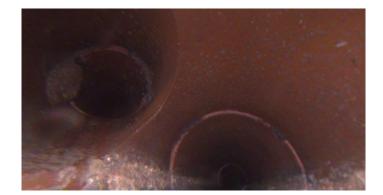


Code: Description:	TF Tap Factory
Distance (ft):	17.6
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:	TF	
Description:	Tap Factory	
Distance (ft):	64.5	

Distance (It).	04.5
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:	

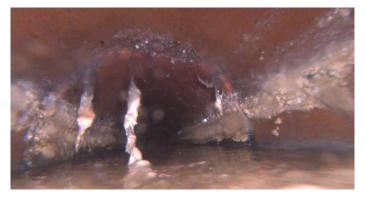


Code: Description:	TF Tap Factory
Distance (ft):	74.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:DAGSDescription:Deposits Attached Grease

Distance (ft):	98.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	4
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	



Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	101.0
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	2
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:RMJDescription:Roots Medium Joint

Distance (ft):	104.9
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	4
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	105.5
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: Description: DAGS Deposits Attached Grease

Distance (ft):	105.5
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	4
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	

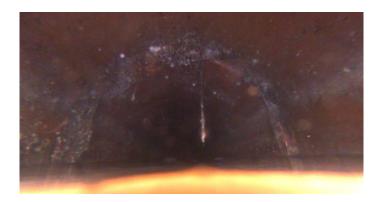


Code:	RFJ
Description:	<b>Roots Fine Joint</b>
Distance (ft):	107.1
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	4
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	

YES

Continuous Index: Within 8" of Joint:

Remarks:



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

Distance (ft):	111.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	4
Clock To:	8
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	MSA
Description:	Abandoned Survey
Distance (ft)	115.2

Distance (ft):	115.2
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:	Debris