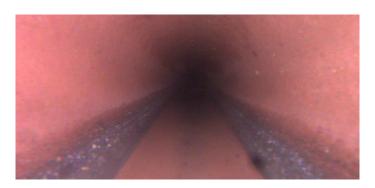
Profile/Pho	oto Observation	Report			RedZone
Date: Pipe Length (ft)	03/25/2018 : 186.5	Weather: Owner:	NA	Coding: Pre Clean:	PACP 6.0 No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald		P-108-013-010
Customer:		Clean Date:	01/01/1900	Shape:	С
Street:	FOXCROFT STREET		Flow Control:	Not Contro	lled
City:	Hobart, IN		Year Renewed:		
Location:	Light Highway		Tape/Media #:		
Purpose:	Routine Assessment	t i	Dia/Height:	8"	
Use:	Sanitary		Material:	VCP	
Drain Area:	NA		Lining:		
Category:	NA				
Comment:	Flow direction wron	g			
Location Details	s:		Direction of Surv	vey: Downstrea	m
US MH:	M-108-010	DS MH:	M-108-013	Total Length Surveyed	d (ft): 184.1
0&M Index:	1.23	O&M Quick:	322	3 O&M Rating:	38.00
tructural Index:	3.00	Structural Qui	ick: 310	Ŭ	ing: 3.00
Overall Index:	1.28	Overall Quick:	332	3 Overall Rating	41.00

	Position	Code	Observation	Video (sec)	Grade
M(108	-010				
	0	AMH	Manhole	10	NA
- 11	0.//	MWL	Water Level	21	NA
- 11	4.7	DSZ	Deposits Settled Other	42	M 2
- 11	15.4	FL	Fracture Longitudinal	74	S 3
	36.8	TFD	Tap Factory Defective	129	M 2
	36.8	RFL	Roots Fine Lateral	140	M 1
	45.3	MMC	Material Change	170	NA
	48.5	TF	Tap Factory	188	NA
	-_50.1	MMC	Material Change	204	NA
=	7/// 58.6	RFJ	Roots Fine Joint	232	M 1
Camera Direction	63.9	RFJ(SO1)	Roots Fine Joint	254	M 1
	68.8	RMJ	Roots Medium Joint	275	M 3
nera	101.0	TFD	Tap Factory Defective	352	M 2
ā 🗖	101.0	MGP	General Photo	362	NA
	101.0	RMJ	Roots Medium Joint	374	M 3
	115.3	MWL	Water Level	414	NA
Ļ	122.5	MWL	Water Level	438	NA
- 11	182.2	RFJ(F01)	Roots Fine Joint	570	M 1
- 11	184.1	AMH	Manhole	585	NA



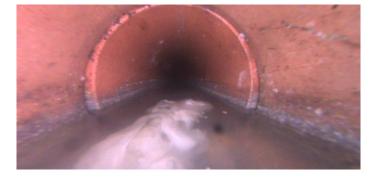
Code: Description:	AMH Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-108-010

M(108)013

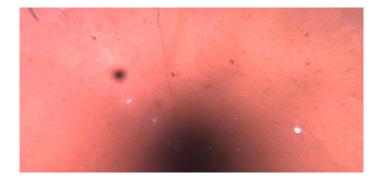


Code: MWL Description: Water Level

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:	NO
Remarks:	

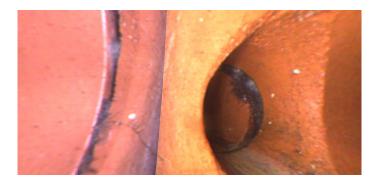


Code:	DSZ
Description:	Deposits Settled Other
Distance (ft):	4.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	6
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	tissue



Code:FLDescription:Fracture Longitudinal

Distance (ft):	15.4
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:	TFD
Description:	Tap Factory Defective
Distance (ft):	36.8

Distance (It):	30.8
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:	YES
Remarks:	ROOTS



Code:RFLDescription:Roots Fine Lateral

Distance (ft):	36.8
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	1
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



ММС
Material Change
45.3
0
0
NO
рvс



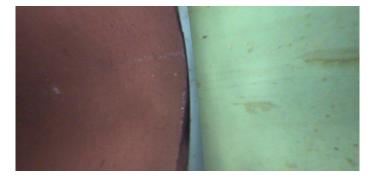
Code:	TF
Description:	Tap Factory
	40.5
Distance (ft):	48.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	11
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	

Continuous Index: Within 8" of Joint:

Continuous Index: Within 8" of Joint:

Remarks:

Remarks:

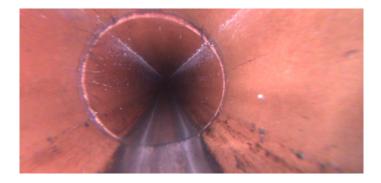


Code:	MMC
Description:	Material Change
Distance (ft):	50.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	

NO

vcp

YES

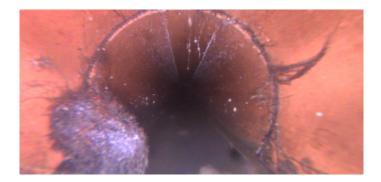


Code:**RFJ**Description:**Roots Fine Joint**

Distance (ft):	58.6
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:	RFJ
Description:	Roots Fine Joint
Distance (ft):	63.9
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	wandering



Code:RMJDescription:Roots Medium Joint

Distance (ft):	68.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Code:

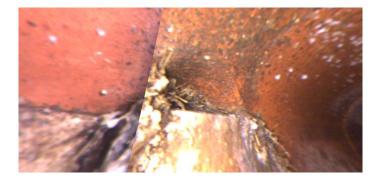
Description:



Distance (ft):	101.0
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:	closed up 50%

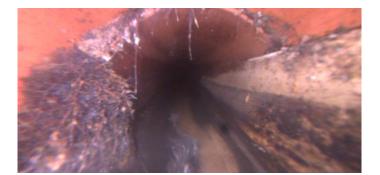
TFD

Tap Factory Defective



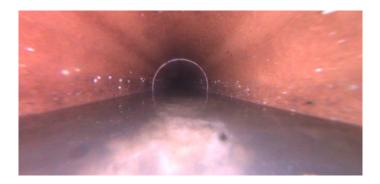
Code:	MGP
Description:	General Photo

Distance (ft):	101.0
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:	



Code:	RMJ
Description:	Roots Medium Joint

Distance (ft):	101.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	7
Clock To:	10
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: MWL Description: Water Level

Distance (ft):	115.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	25.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	MWL
Description:	Water Level
Distance (ft):	122.5
Structural Grado	0

Distance (It).	122.5
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:	NO
Remarks:	



Code:RFJDescription:Roots Fine Joint

Distance (ft):	182.2
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	wandering

Code:

Description:



Distance (ft):	184.1
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-108-013

AMH

Manhole