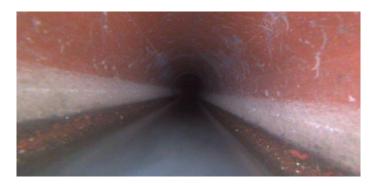
Profile/Ph	oto Observatior	n Report			RedZon R 0 B 0 T I C S
Date: Pipe Length (ft) P.O.#: Customer:	03/24/2018 :: 235.3	Weather: Owner: Surveyor: Clean Date:	NA Byrd Fitzgerald 01/01/1900	Pre Clean: PSR:	PACP 6.0 No Pre-Cleaning P-108-031-029 C
Street: City:	FOXCROFT STREET Hobart, IN		Flow Control: Year Renewed:	Not Controlled	
Location: Purpose: Use:	Light Highway Routine Assessme Sanitary	ent	Tape/Media #: Dia/Height: Material:	10" VCP	
Drain Area: Category:	NA NA		Lining:	VCP	
Comment: Location Details	R_M at 99 ft debri	is .Flow direction w	rong Direction of Survey:	Downstream	
US MH:	M-108-029	DS MH: N	1-108-031	Total Length Surveyed (ft):	100.5
D&M Index:	1.67	O&M Quick:	361A	O&M Rating:	30.00
Structural Index:	0.00	Structural Quic	k: 0000	Structural Rating:	0.00
Overall Index:	1.67	Overall Quick:	361A	Overall Rating:	30.00

	Position	Code	Observation	Video (sec)	Grade
M(108-0	29				
\sim	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	9.2	RFJ	Roots Fine Joint	51	M 1
	24.1	RFJ	Roots Fine Joint	93	M 1
	/25.7	TF	Tap Factory	109	NA
	/ 25.7	RFL	Roots Fine Lateral	120	M 1
+++	25.7	RML	Roots Medium Lateral	132	M 3
	56.2	RFJ(SO1)	Roots Fine Joint	205	M 1
	71.8	RMJ	Roots Medium Joint	247	M 3
5	82.0	RMJ(S02)	Roots Medium Joint	279	M 3
Camera Direction	89.3	TF	Tap Factory	305	NA
ā l	91.7	TF	Tap Factory	322	NA
Jera	95.0	MWL	Water Level	340	NA
	100.5	MSA	Abandoned Survey	363	NA
	100.5	RFJ(F01)	Roots Fine Joint	374	M 1
	100.5	RMJ(F02)	Roots Medium Joint	385	M 3



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-108-029

M(108-031



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:	

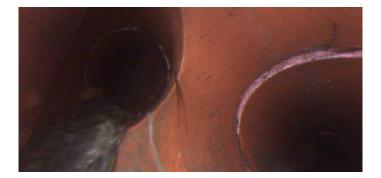


Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	9.2
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	9
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

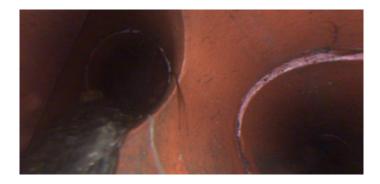


Code:**RFJ**Description:**Roots Fine Joint**

Distance (ft):	24.1
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:	



Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	25.7 0 0 10 4.000
Within 8" of Joint: Remarks:	YES



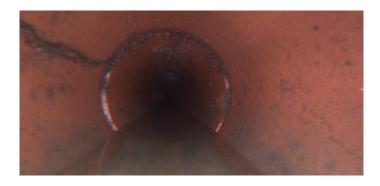
Code:RFLDescription:Roots Fine Lateral

Distance (ft):	25.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	RML
Description:	Roots Medium Lateral

Distance (ft):	25.7
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:	NO
Remarks:	



Code:RFJDescription:Roots Fine Joint

Distance (ft):	56.2
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	wandering

Code:

Description:



Distance (ft):	71.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	9
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

RMJ

Roots Medium Joint



Code:RMJDescription:Roots Medium Joint

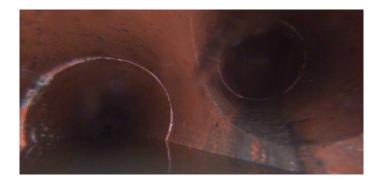
Distance (ft):	82.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	7
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	S02
Within 8" of Joint:	YES
Remarks:	wandering

Code:



Description:	Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From:	89.3 0 0 10
Clock To: 1st Value: 2nd Value:	4.000
Value Percent: Continuous Index: Within 8" of Joint: Remarks:	YES

TF



Code:	TF
Description:	Tap Factory

Distance (ft):	91.7
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:	YES
Remarks:	



Code:	MWL
Description:	Water Level
Distance (ft):	95.0
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: MSA Description: Abandoned Survey

Distance (ft): 100.5 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: camera flipped

Code:

Description:



Distance (ft):	100.5
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	9
Clock To:	3
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	wandering

RFJ

Roots Fine Joint



Code: Description: RMJ Roots Medium Joint

Distance (ft):	100.5
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	7
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	F02
Within 8" of Joint:	YES
Remarks:	wandering