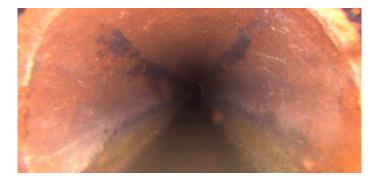
Profile/Ph	oto Observation	Report			RedZon
Date:	03/19/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft): 300.4	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-209-019-020
Customer:		Clean Date:	01/01/1900	Shape:	C
Street:	OFF E 61ST PL		Flow Control:	Not Controlled	
City:	Hobart, IN		Year Renewed:		
Location:	Light Highway		Tape/Media #:		
Purpose:	Routine Assessme	nt	Dia/Height:	8"	
Use:	Sanitary		Material:	VCP	
Drain Area:	NA		Lining:		
Category:	NA				
Comment:	P_C at 265 ft nothi	ng visible . Flow di	irection wrong		
Location Detai	ls:		Direction of Survey:	Downstream	
US MH:	M-209-020	DS MH: N	И-209-019	Total Length Surveyed (ft)	266.5
O&M Index:	1.08	O&M Quick:	4121	O&M Rating:	57.00
Structural Index:	2.00	Structural Quid	ck: 2100	Structural Rating:	2.00
Overall Index:	1.09	Overall Quick:	4122	Overall Rating:	59.00

	Position	Code	Observation	Video (sec)	Grade
M(209-)0)20				
	0.	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	\\	RFJ	Roots Fine Joint	43	M 1
	17.7	RFJ(SO1)	Roots Fine Joint	80	M 1
	62.3	MGO	General Observation	180	NA
	62.3	MGO	General Observation	194	NA
	80.3	TF	Tap Factory	242	NA
	82.6	TF	Tap Factory	258	NA
	83.2	IW	Infil Weeper	272	M 2
	144.5	TF	Tap Factory	406	NA
Camera Direction	/146.7	TF	Tap Factory	422	NA
	// 204.0	CL	Crack Longitudinal	549	S 2
	204.5	TF	Tap Factory	562	NA
	206.6	TF	Tap Factory	579	NA
	261.7	MCU	Camera Underwater	701	M 4
	262.6	TF	Tap Factory	715	NA
	266.5	MSA	Abandoned Survey	737	NA
	266.5	RFJ(F01)	Roots Fine Joint	748	M 1



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-209-020

M(209)019

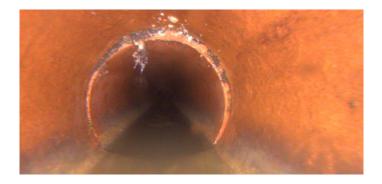


Code: MWL Description: Water Level

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: Description:	RFJ Roots Fine Joint
Distance (ft):	5.2
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:	YES
Remarks:	



Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	17.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	wandering

Code:

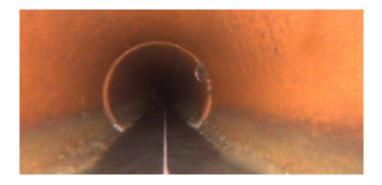
Description:

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Distance (ft):	62.3
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:	distortion in video

MGO

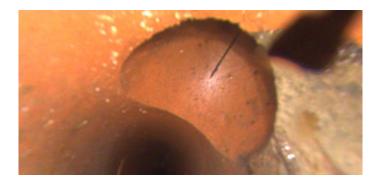
General Observation



Code: MGO Description: **General Observation** Distance (ft): 62.3 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: rear camera/distortion in video

TF

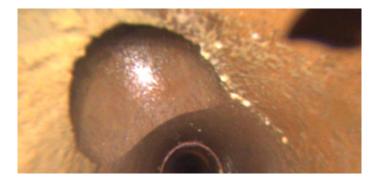
Tap Factory



Distance (ft):	80.3
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:	
Remarks:	

Code:

Description:



Code:	TF
Description:	Tap Factory

	00 C
Distance (ft):	82.6
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:	



Code:	IW
Description:	Infil Weeper
Distance (ft):	83.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To: 1st Value:	4
2nd Value: Value Percent:	
Continuous Index: Within 8" of Joint: Remarks:	YES

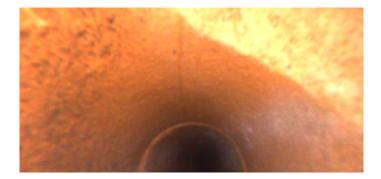


Code:	TF
Description:	Tap Factory

Distance (ft):	144.5
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:	
Remarks:	

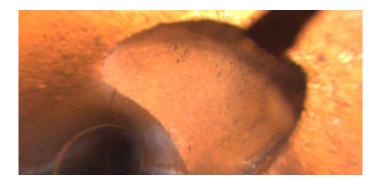


Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:	146.7 0 0 1 4.000
Within 8" of Joint: Remarks:	



Code:CLDescription:Crack Longitudinal

Distance (ft):	204.0
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	TF Tap Factory
Distance (ft):	204.5
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:	

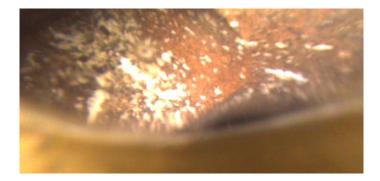


Code:	TF
Description:	Tap Factory

Distance (ft):	206.6
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	1
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Continuous Index: Within 8" of Joint:	

	State State States	The State State	
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Code:	MCU
Description:	Camera Underwater
Distance (ft):	261.7
. ,	201.7
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	TF
Description:	Tap Factory

262.6
202.0
0
0
2
4.000

Code:	MSA
Description:	Abandoned Survey
	200 5
Distance (ft):	266.5
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 stopped/video distorted



Code:RFJDescription:Roots Fine Joint

Distance (ft):	266.5
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	wandering