Profile/Photo Observation Report					
Date: Pipe Length (ft P.O.#: Customer:	04/23/2018): 289.0	Weather: Owner: Surveyor: Clean Date:	NA Jen Costello 01/01/1900	Coding: Pre Clean: PSR: Shape:	PACP 6.0 No Pre-Cleaning P-405-021-020 C
Street: City: Location: Purpose: Use: Drain Area:	FOXCROFT STREET Hobart, IN Yard Routine Assessmen Sanitary NA NA	t	Flow Control: Year Renewed: Tape/Media #: Dia/Height: Material: Lining:	Not Controlled 12" VCP	b
Category: Comment: Location Detai US MH:		DS MH:	Direction of Surv M-405-020	vey: Upstream Total Length Surveyed (ft	:): 285.2
O&M Index:	2.00	O&M Quick:	352	CO&M Rating:	62.00
Structural Index	3.78	Structural Qu	ick: 4G3	A Structural Rating	208.00
Overall Index:	3.14	Overall Quick	4G3	BOverall Rating:	270.00

	Position	Code	Observation	Video (sec)	Grade
405	020				
\cong	0. //	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	_5.7	FM	Fracture Multiple	44	S 4
	5.7	RMJ	Roots Medium Joint	56	M 3
	14.1	FM(S01)	Fracture Multiple	84	S 4
	20.8	RMJ	Roots Medium Joint	109	M 3
	23.6	RMJ	Roots Medium Joint	127	M 3
	32.2	MGO	General Observation	157	NA
	54.6	RFJ	Roots Fine Joint	214	M 1
	54.6	IW	Infil Weeper	225	M 2
	63.9	RFJ	Roots Fine Joint	256	M 1
	63.9	DAE	Deposits Attached Encrustation	267	M 2
	68.6	TF	Tap Factory	288	NA
	69.4	DAE	Deposits Attached Encrustation	302	M 2
	72.3	ID	Infil Dripper	320	M 3
	72.3	DAE	Deposits Attached Encrustation	331	M 2
	75.0	FM(F01)	Fracture Multiple	348	S 4
	75.0	MMC	Material Change	360	NA
	82.5	TF	Tap Factory	387	NA

Tuesday, December 8, 2020

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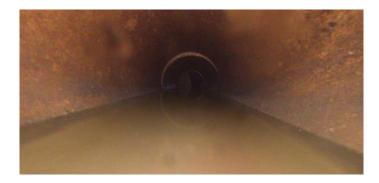
Dad7

84.7	MMC	Material Change	403	NA
87.4	CM(S02)	Crack Multiple	421	S 3
99.6	IW	Infil Weeper	457	M 2
99.6	FM	Fracture Multiple	468	S 4
126.7	FM	Fracture Multiple	534	S 4
129.7	FS	Fracture Spiral	552	S 3
131.7	TF	Tap Factory	568	NA
141.5	FM(S03)	Fracture Multiple	599	S 4
141.5	CM(F02)	Crack Multiple	610	S 3
153.3	RFJ	Roots Fine Joint	646	M 1
154.3	TBD	Tap Break-in Defective	661	M 3
154.3	RFC	Roots Fine Connection	672	M 1
168.7	DAE	Deposits Attached Encrustation	713	M 2
191.8	ТВІ	Tap Break-in Intruding	771	M 2
195.4	TFA	Tap Factory Active	790	NA
212.9	TF	Tap Factory	837	NA
216.7	DAE(S04)	Deposits Attached Encrustation	857	M 2
255.6	DAR	Deposits Attached Ragging	947	M 2
272.8	TF	Tap Factory	993	NA
282.7	RFJ	Roots Fine Joint	1025	M 1
//282.7	DAE(F04)	Deposits Attached Encrustation	1038	M 2
	FM(F03)	Fracture Multiple	1049	S 4
285.2	AMH	Manhole	1070	NA

M 405-021



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-405-020



Code:MWLDescription:Water Level

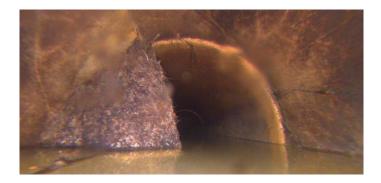
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	30.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	FM
Description:	Fracture Multiple
Distance (ft):	5.7
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	

YES

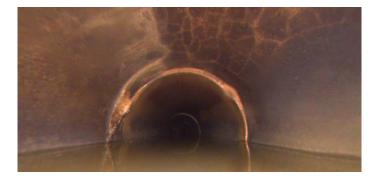
Within 8" of Joint:

Remarks:



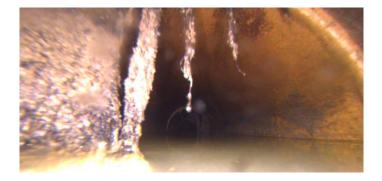
Code:RMJDescription:Roots Medium Joint

Distance (ft):	5.7
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	6
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	40.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	FM
Description:	Fracture Multiple
Distance (ft):	14.1
Structural Grade:	4
O&M Grade	0

Structural Graue.	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	

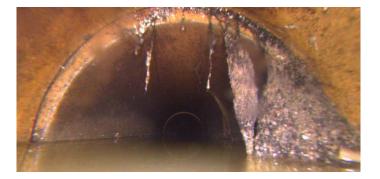


Code:RMJDescription:Roots Medium Joint

Distance (ft):	20.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Code:

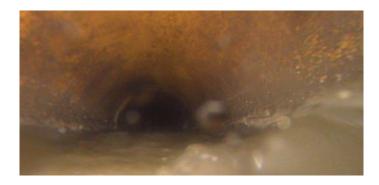
Description:



Distance (ft):	23.6
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	12
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

RMJ

Roots Medium Joint



Code: MGO Description: General Observation

32.2
0
0
NO
rear camera

Code:

Description:



Distance (ft):	54.6
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:	

RFJ

Roots Fine Joint



Code:	IW
Description:	Infil Weeper

Distance (ft):	54.6
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:	YES
Remarks:	



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

Remarks:



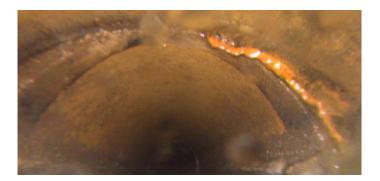
Distance (ft):	63.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	12
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



TF
Tap Factory
68.6
0
0
11
4.000



Distance (ft):	69.4
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:	ID Infil Dripper
Distance (ft):	72.3
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



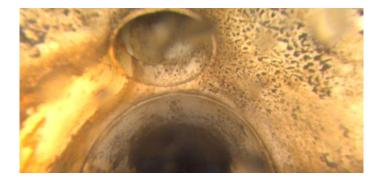
Distance (ft):	72.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



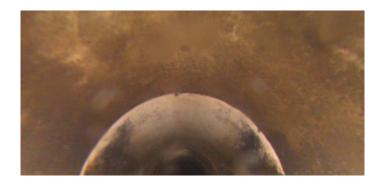
Code:	FM
Description:	Fracture Multiple
Distance (ft):	75.0
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	



Code: Description:	MMC Material Change
Distance (ft):	75.0
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:	PVC



Code: Description:	TF Tap Factory
Distance (ft):	82.5
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:	

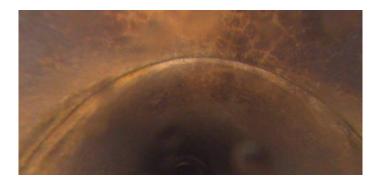


Code: ММС Description: **Material Change** Distance (ft): 84.7 Structural Grade: 0 O&M Grade: 0 Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: NO

vcp

СМ

Crack Multiple



Distance (ft):	87.4
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S02
Within 8" of Joint:	YES
Remarks:	

Remarks:

Code:

Description:

Tuesday, December 8, 2020



Code:	IW
Description:	Infil Weeper

Distance (ft):	99.6
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:	YES
Remarks:	



Code:	FM
Description:	Fracture Multiple
Distance (ft)	00.6
Distance (ft):	99.6
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	

YES

Continuous Index: Within 8" of Joint:

Remarks:



Code:FMDescription:Fracture Multiple

Distance (ft):	126.7
Structural Grade:	4
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:	

-	(
4		
- Andrews		34

Code: Description:	FS Fracture Spiral
Distance (ft):	129.7
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	3
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	TF
Description:	Tap Factory

Distance (ft):	131.7
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:	

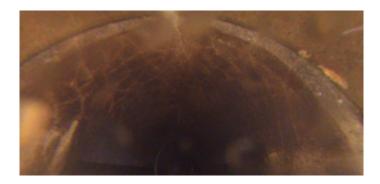


Code:	FM
Description:	Fracture Multiple
Distance (ft):	141.5
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S03

YES

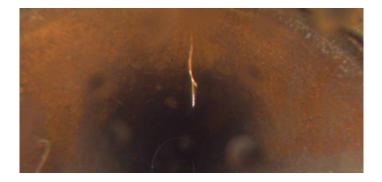
Within 8" of Joint:

Remarks:



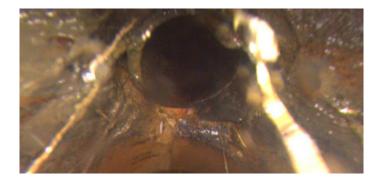
Code:CMDescription:Crack Multiple

Distance (ft):	141.5
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F02
Within 8" of Joint:	YES
Remarks:	



Code:	RFJ
Description:	Roots Fine Joint

Distance (ft):	153.3
Structural Grade	: 0
O&M Grade:	1
Clock Start/From	: 12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index	k :
Within 8" of Join	t: YES
Remarks:	



Code:TBDDescription:Tap Break-in Defective

Distance (ft):	154.3
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	12
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	roots

Code:	RFC
Description:	Roots Fine Connection

Distance (ft):	154.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Distance (ft):	168.7
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:



Distance (ft):	191.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	11
Clock To:	
1st Value:	4.000
2nd Value:	1.000
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

TBI

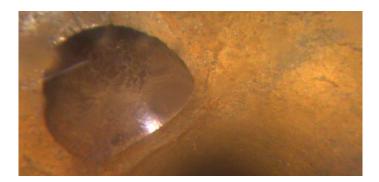
Tap Break-in Intruding



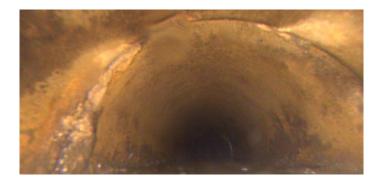
Code: TFA Description: Tap

TFA Tap Factory Active

Distance (ft):	195.4
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:	



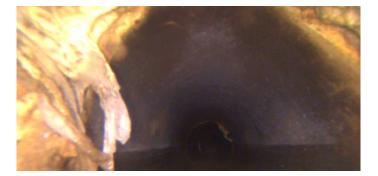
Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value:	212.9 0 0 1 4.000
2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	



Distance (ft):	216.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S04
Within 8" of Joint:	YES
Remarks:	

Code:

Description:



Distance (ft):	255.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	3
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

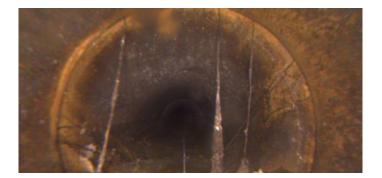
DAR

Deposits Attached Ragging



Code:	TF
Description:	Tap Factory

Distance (ft):	272.8
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:	RFJ
Description:	Roots Fine Joint
Distance (ft):	282.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	

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



Distance (ft):	282.7
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F04
Within 8" of Joint:	YES
Remarks:	



Code:	FM
Description:	Fracture Multiple

Distance (ft):	282.7	
Structural Grade:	4	
O&M Grade:	0	
Clock Start/From:	8	
Clock To:	4	
1st Value:		
2nd Value:		
Value Percent:		
Continuous Index:	F03	
Within 8" of Joint:	YES	
Remarks:		



Code:	AMH
Description:	Manhole

Distance (ft):	285.2
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:	M-405-021