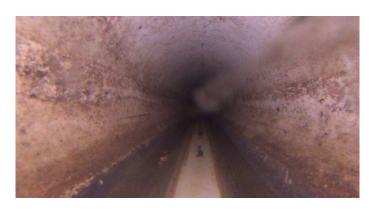
Profile/Ph	oto Observation	n Report				RedZone R 0 B 0 T I C S
Date: Pipe Length (ft P.O.#: Customer:	04/06/2018 :): 212.4	Weather: Owner: Surveyor: Clean Date:	NA Mark Ruby 01/01/1900		Coding: Pre Clean: PSR: Shape:	PACP 6.0 No Pre-Cleaning P-506-009-008 C
Street:	FOXCROFT STREET	г	Flow Control:		Not Controlled	
City:	Hobart, IN		Year Renewed:			
Location:	Yard		Tape/Media #:			
Purpose:	Routine Assessme	ent	Dia/Height:		10"	
Use:	Sanitary		Material:		PVC	
Drain Area:	NA		Lining:			
Category:	NA					
Comment:	Flow direction is n	narked wrong.				
Location Detai	ls:		Direction of Sur	vey:	Downstream	
US MH:	M-506-008	DS MH:	M-506-009	Total Le	ength Surveyed (ft):	101.6
0&M Index:	1.85	O&M Quick:	<b>2</b> A:	12	O&M Rating:	24.00
Structural Index:	. 0.00	Structural Qu	uick: 000	00	Structural Rating:	0.00
Overall Index:	1.85	Overall Quic	k: <b>2A</b> :	12	Overall Rating:	24.00

	Position	Code	Observation	Video (sec)	Grade
M-506-00	08				
	.0	AMH	Manhole	10	NA
	\.0	MWL	Water Level	21	NA
	8.1	MMC	Material Change	49	NA
	21.3	TF	Tap Factory	87	NA
	23.1	TF	Tap Factory	103	NA
	56.6	DAE	Deposits Attached Encrustation	182	M 2
	56.6	IW	Infil Weeper	193	M 2
	60.3	RFJ	Roots Fine Joint	212	M 1
	64.2	DAE	Deposits Attached Encrustation	231	M 2
5	68.4	DAE	Deposits Attached Encrustation	251	M 2
	68.4	IW	Infil Weeper	262	M 2
	80.6	DAE	Deposits Attached Encrustation	298	M 2
	85.3	RFJ	Roots Fine Joint	321	M 1
5 <b></b> ///	93.9	TF	Tap Factory	352	NA
	94.8	DAE	Deposits Attached Encrustation	370	M 2
	94.8	IW	Infil Weeper	381	M 2
	96.0	TFD	Tap Factory Defective	399	M 2
	96.0	DAGS	Deposits Attached Grease	410	M 2
	101.6	DAZ	Deposits Attached Other	437	M 2
	101.6	MSA	Abandoned Survey	448	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-506-008

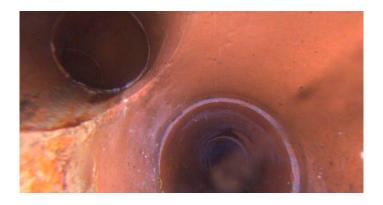


Code: MWL Description: Water Level

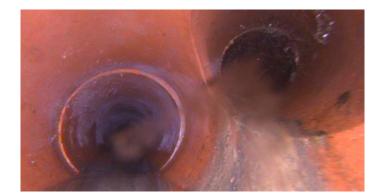
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



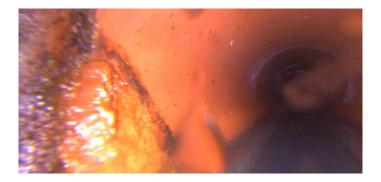
Code: Description:	MMC Material Change
Distance (ft):	8.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	VCP



Code:	TF	
Description:	Tap Factory	
Distance (ft):	21.3	
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:		

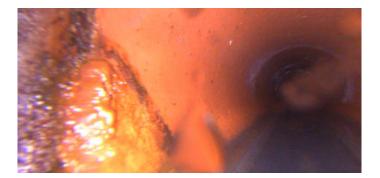


Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value:	23.1 0 0 2 4.000
2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	

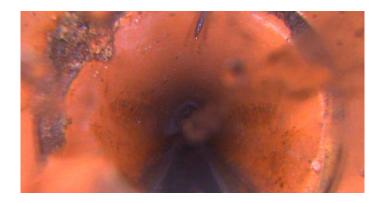


Code:DAEDescription:Deposits Attached Encrustation

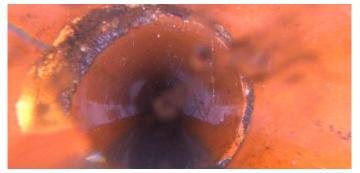
Distance (ft):	56.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	9
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	IW
Description:	Infil Weeper
Distance (ft):	56.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	9
1st Value: 2nd Value:	
Value Percent: Continuous Index:	
Within 8" of Joint: Remarks:	YES

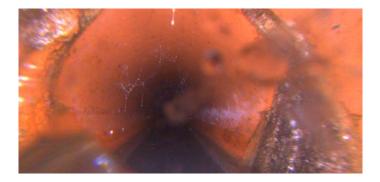


Code:	RFJ
Description:	<b>Roots Fine Joint</b>
Distance (ft):	60.3
. ,	_
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



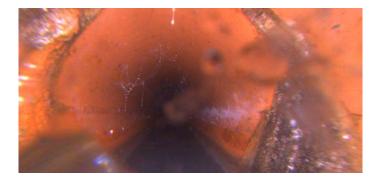
Code:	DAE
Description:	Deposits Attached Encrustation

Distance (ft):	64.2
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:	

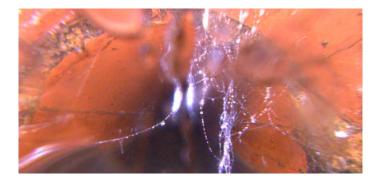


Code:DAEDescription:Deposits Attached Encrustation

Distance (ft):	68.4
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:	

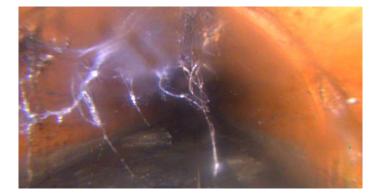


Code:	IW
Description:	Infil Weeper
Distance (ft):	68.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:DAEDescription:Deposits Attached Encrustation

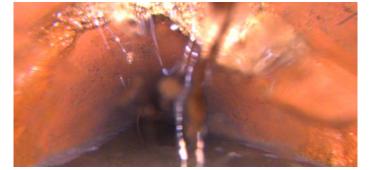
Distance (ft):	80.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	RFJ Roots Fine Joint
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	85.3 0 1 5 12 YES
Remarks:	



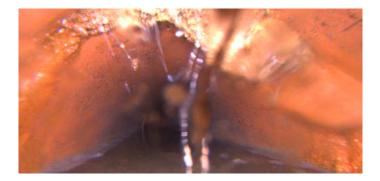
Code:	TF
Description:	Tap Factory
Distance (ft):	93.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:	DAE
Description:	Deposits Attached Encrustation

Distance (ft):	94.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Tuesday, December 8, 2020



Code:	IW
Description:	Infil Weeper

Distance (ft):	94.8
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: Description:	TFD Tap Factory Defective
Distance (ft):	96.0
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:	dags



Code: DAGS Description: **Deposits Attached Grease** 

Distance (ft):	96.0
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: Description:	DAZ Deposits Attached Other
Distance (ft):	101.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES

Remarks:



Code: Description: MSA Abandoned Survey

Distance (ft):	101.6
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:	daz