Profile/Ph	oto Observatior	n Report			RedZone R 0 B 0 T I C S
Date: Pipe Length (ft) P.O.#: Customer:	03/22/2018 : 310.1	Weather: Owner: Surveyor: Clean Date:	NA Selasie Honu 01/01/1900	Coding: Pre Clean: PSR: Shape:	PACP 6.0 No Pre-Cleaning P-208-008-012 C
Street: City: Location:	16TH ST Hobart, IN Light Highway		Flow Control: Year Renewed: Tape/Media #:	Not Controlled	I
Purpose: Use:	Routine Assessme Sanitary	nt	Dia/Height: Material:	12" VCP	
Drain Area: Category:	NA NA		Lining:		
Comment: Location Details US MH:	P_C at 52 ft nothir s: M-208-012	ng visible . Flow D DS MH:	irection Direction of Surv M-208-008	ey: <b>Upstream</b> Total Length Surveyed (ft	): <b>54.3</b>
0&M Index:	1.91	O&M Quick:	<b>2A1</b> :	1O&M Rating:	21.00
tructural Index: Overall Index:	3.00	Structural Qu Overall Quick			12.00 33.00

	.0 .0 6.2 9.1 18.7 18.7 40.1 44.6 47.6	AMH MWL FL(S02) FL(S03) DAE(S01) FL(F02) FL(F03) TF RFJ	ManholeWater LevelFracture LongitudinalFracture LongitudinalDeposits Attached EncrustationFracture LongitudinalFracture LongitudinalTap FactoryRoots Fine Joint	10 21 45 56 74 105 116 172	NA NA S 3 S 3 M 2 S 3 S 3 S 3 NA
	.0 .0 6.2 9.1 18.7 18.7 40.1 44.6 47.6	MWL FL(S02) FL(S03) DAE(S01) FL(F02) FL(F03) TF RFJ	Water LevelFracture LongitudinalFracture LongitudinalDeposits Attached EncrustationFracture LongitudinalFracture LongitudinalTap Factory	21 45 56 74 105 116	NA S 3 S 3 M 2 S 3 S 3
	6.2 9.1 18.7 18.7 40.1 44.6 47.6	FL(S02) FL(S03) DAE(S01) FL(F02) FL(F03) TF RFJ	Fracture LongitudinalFracture LongitudinalDeposits Attached EncrustationFracture LongitudinalFracture LongitudinalTap Factory	45 56 74 105 116	S 3 S 3 M 2 S 3 S 3
	6.2 9.1 18.7 18.7 40.1 44.6 47.6	FL(S03) DAE(S01) FL(F02) FL(F03) TF RFJ	Fracture Longitudinal Deposits Attached Encrustation Fracture Longitudinal Fracture Longitudinal Tap Factory	56 74 105 116	S 3 M 2 S 3 S 3
	9.1 18.7 18.7 40.1 44.6 47.6	DAE(S01) FL(F02) FL(F03) TF RFJ	Deposits Attached Encrustation Fracture Longitudinal Fracture Longitudinal Tap Factory	74 105 116	M 2 S 3 S 3
	18.7 18.7 40.1 44.6 47.6	FL(F02) FL(F03) TF RFJ	Fracture Longitudinal Fracture Longitudinal Tap Factory	105 116	S 3 S 3
	18.7   40.1   44.6   47.6	FL(FO3) TF RFJ	Fracture Longitudinal Tap Factory	116	S 3
	40.1 44.6 47.6	TF RFJ	Tap Factory		
	44.6 47.6	RFJ		172	NA
- I -	47.6		Poots Fina Joint		
			ROOLS FILLE JOINL	195	M 1
		IW	Infil Weeper	212	M 2
	54.3	DAE(F01)	Deposits Attached Encrustation	237	M 2
	54.3	MSA	Abandoned Survey	249	NA

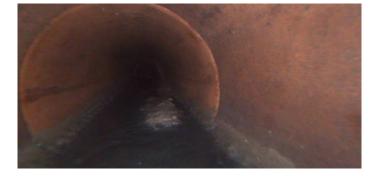


Code: Description:	AMH Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-208-008



Code: MWL Description: Water Level

•
.0
0
0
5.000
NO



Code:	FL
Description:	Fracture Longitudinal

Distance (ft):	6.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S02
Within 8" of Joint:	YES
Remarks:	

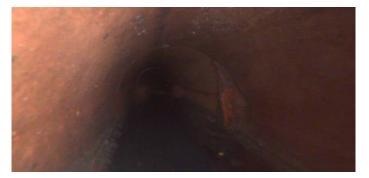


Code:FLDescription:Fracture Longitudinal

Distance (ft):	6.2
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S03
Within 8" of Joint:	YES
Remarks:	

Code: Description:

DAE Deposits Attached Encrustation



Distance (ft):	9.1
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	



Code:FLDescription:Fracture Longitudinal

Distance (ft):	18.7
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F02
Within 8" of Joint:	YES
Remarks:	

Code:FLDescription:Fracture Longitudinal



Distance (ft):	18.7	
Structural Grade:	3	
O&M Grade:	0	
Clock Start/From:	3	
Clock To:		
1st Value:		
2nd Value:		
Value Percent:		
Continuous Index:	F03	
Within 8" of Joint:	YES	
Remarks:		



Code:	TF
Description:	Tap Factory

Distance (ft):	40.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

100 P	1
- AL	A

Code:	RFJ
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>11 C</b>

Distance (ft):	44.6
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	12
Clock To:	1
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:IWDescription:Infil Weeper

Distance (ft):	47.6
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:DAEDescription:Deposits Attached Encrustation



Distance (ft):	54.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F01
Within 8" of Joint:	YES
Remarks:	

Code: Description: MSA Abandoned Survey



Distance (ft): 54.3 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: camera stopped