Profile/Photo Observation Report

						RUBUIIC
Date:	03/25/2018	Weather:			Coding:	PACP 6.0
Pipe Length (ft): 166.8	Owner:	NA		Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd F	itzgerald	PSR:	P-108-011-010
Customer:		Clean Dat	e: 01/01	/1900	Shape:	С
Street:	15TH ST		Flow Co	ntrol:	Not Controlled	ł
City:	Hobart, IN		Year Re	newed:		
Location:	Light Highway		Tape/N	edia #:		
Purpose:	Routine Assessme	nt	Dia/Hei	ght:	8"	
Use:	Sanitary		Materia	ıl:	VCP	
Drain Area:	NA		Lining:			
Category:	NA					
Comment:	Flow direction wro	ong				
Location Detail	ls:		Directio	n of Survey:	Upstream	
US MH:	M-108-010	DS MH:	M-108-02	1	Total Length Surveyed (ft): 165.1
O&M Index:	2.07	O&M Quic	k:	3721	O&M Rating:	29.00
Structural Index:	2.00	Structural		2100	Structural Rating:	2.00
Overall Index:	2.07	Overall Qu	ick [.]	3722	Overall Rating:	31.00

	Position	Code	Observation	Video (sec)	Grade
M(108	9-011				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	7.8	RMJ	Roots Medium Joint	48	M 3
		RMJ	Roots Medium Joint	70	M 3
	16.6	MLC	Lining Change	89	NA
	20.7	MLC	Lining Change	109	NA
	24.3	TF	Tap Factory	129	NA
	26.0	TFD	Tap Factory Defective	145	M 2
	26.0	RFL	Roots Fine Lateral	156	M 1
5	27.6	MLC	Lining Change	173	NA
ii ii	32.1	MLC	Lining Change	195	NA
i Dir	32.3	RFJ	Roots Fine Joint	207	M 1
Camera Direction	_\	RFJ	Roots Fine Joint	228	M 1
La La		MLC	Lining Change	247	NA
	_\\\49.9	MLC	Lining Change	276	NA
		MLC	Lining Change	302	NA
↓	() 60.6	MLC	Lining Change	324	NA
	62.0	MLC	Lining Change	341	NA
		MLC	Lining Change	383	NA

Thursday, November 16, 2023

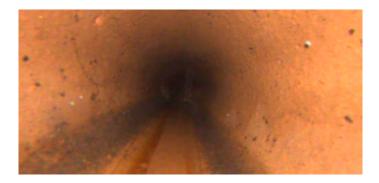
RedZone

78.4	RMJ	Roots Medium Joint	401	MB
79.8	MLC	Lining Change	416	NA
79.8	TF	Tap Factory	427	NA
84.0	MLC	Lining Change	449	NA
91.4	MLC	Lining Change	476	NA
94.8	MLC	Lining Change	496	NA
95.4	FC	Fracture Circumferential	509	S 2
97.9	RMJ	Roots Medium Joint	526	M
101.8	MLC	Lining Change	546	NA
105.9	MLC	Lining Change	569	NA
108.1	RMJ	Roots Medium Joint	587	M
109.2	MWL	Water Level	600	NA
113.0	RMJ	Roots Medium Joint	619	M
125.8	MWL	Water Level	656	NA
133.5	RFJ	Roots Fine Joint	683	M
138.5	RMJ	Roots Medium Joint	704	M
148.3	RFJ	Roots Fine Joint	735	M
157.4	MLC	Lining Change	766	NA
158.9	LL	Alignment Left	781	M
161.7	MLC	Lining Change	800	NA
165.1	AMH	Manhole	820	NA

M(108-010



Code: Description:	AMH Manhole
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value:	.0 0 0
Value Percent: Continuous Index: Within 8" of Joint: Remarks:	NO M-108-011



Code: Description:	MWL 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:



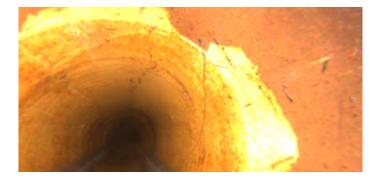
Distance (ft):	7.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

RMJ

Roots Medium Joint



Distance (ft):	13.1
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	MLC
Description:	Lining Change
Distance (ft):	16.6
Structural Grade:	0
O&M Grade:	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:	CIP Liner



Code:MLCDescription:Lining ChangeDistance (ft):20.7Structural Grade:0O&M Grade:0Clock Start/From:Clock To:1st Value:2nd Value:

NO

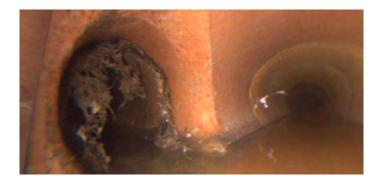
end cip

Value Percent: Continuous Index: Within 8" of Joint:

Remarks:

Code: Description:	TF Tap Factory
Distance (ft):	24.3
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:	YES
Remarks:	

Thursday, November 16, 2023



Code:TFDDescription:Tap Factory Defective

Distance (ft):	26.0
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ROOTS

Code:

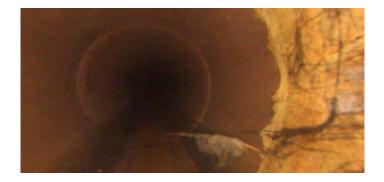
Description:	Roots Fine Lateral	
Distance (ft):	26.0	
Structural Grade:	0	
O&M Grade:	1	
Clock Start/From:	7	
Clock To:	5	
1st Value:		
2nd Value:		
Value Percent:		
Continuous Index:		
Within 8" of Joint:	NO	
Remarks:		

RFL



Code:	MLC
Description:	Lining Change
Distance (ft):	27.6

	-
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:	CIP



Code:	MLC
Description:	Lining Change
Distance (ft):	32.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	

Owivi Grade:	U
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	END CIP

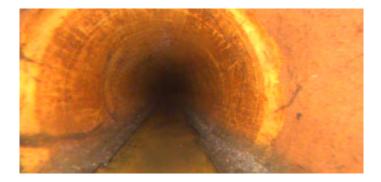


Code:**RFJ**Description:**Roots Fine Joint**

Distance (ft):	32.3
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:	RFJ
Description:	Roots Fine Joint
Distance (ft):	37.4
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES



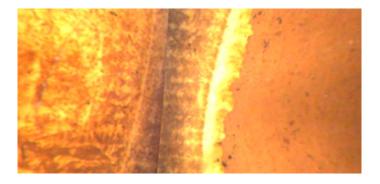
Code: MLC Description: Lining Change

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:	CIP



Code:	MLC
Description:	Lining Change

Distance (ft):	49.9
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:	END CIP



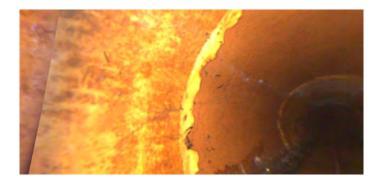
Code: Description:	MLC Lining Change
Distance (ft):	56.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	

Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	CIP



Code:	MLC
Description:	Lining Change

Distance (ft):	60.6
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:	END CIP



Code:	MLC
Description:	Lining Change
Distance (ft):	62.0

Distance (it).	02.0
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:	CIP



Code:	MLC
Description:	Lining Change
Distance (ft):	75.7
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 END CIP



Distance (ft):	78.4
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	30.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	MLC Lining Change
Distance (ft):	79.8
Structural Grade:	0
O&M Grade:	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:	CIP	

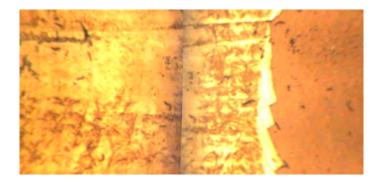


Code: Description:	TF Tap Factory
Distance (ft):	79.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES

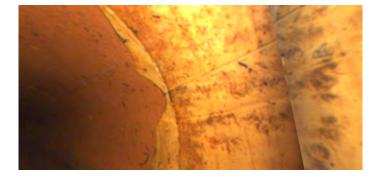


Code:	MLC
Description:	Lining Change
Distance (ft):	84.0
Structural Grade:	0
O&M Grade:	0

Structural Graue.	0	
O&M Grade:	0	
Clock Start/From:		
Clock To:		
1st Value:		
2nd Value:		
Value Percent:		
Continuous Index:		
Within 8" of Joint:	NO	
Remarks:	END CIP	



MLC Lining Change
91.4
0
0
NO
CIP



Code:	MLC
Description:	Lining Change
Distance (ft):	94.8
Structural Grade:	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:	END CIP



Code:FCDescription:Fracture Circumferential

Distance (ft):	95.4
Distance (It).	55.4
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



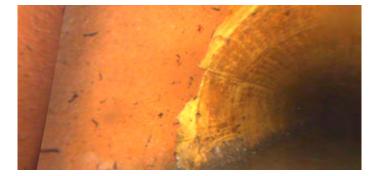
Code:	RMJ
Description:	Roots Medium Joint

Distance (ft):	97.9
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	30.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:MLCDescription:Lining Change

Distance (ft):	101.8
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:	CIP



Code:	MLC
Description:	Lining Change

Distance (ft):	105.9
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:	END CIP



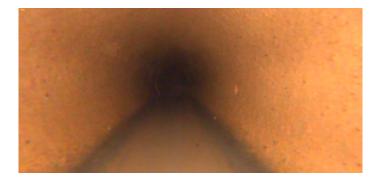
Distance (ft):	108.1
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	30.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



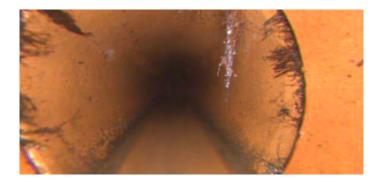
Code:	MWL
Description:	Water Level
Distance (ft):	109.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	25.000
Continuous Index:	
Within 8" of Joint:	NO



Distance (ft):	113.0
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



MWL
Water Level
435.0
125.8
0
0
5.000
NO



Code:RFJDescription:Roots Fine Joint

Distance (ft):	133.5
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Code:



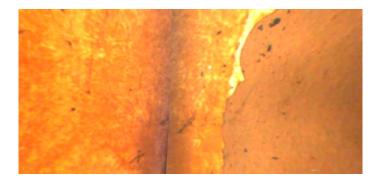
Description:	Roots Medium Joint
Distance (ft): Structural Grade: O&M Grade: Clock Start/From:	138.5 0 3 8
Clock To: 1st Value:	4
2nd Value: Value Percent: Continuous Index:	10.000
Within 8" of Joint: Remarks:	YES

RMJ



Code:RFJDescription:Roots Fine Joint

Distance (ft):	148.3
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: Description:	MLC Lining Change
Distance (ft):	157.4
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	

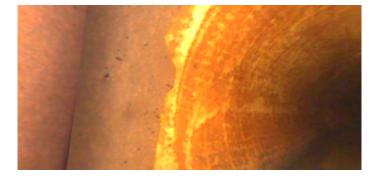
NO cip

Continuous Index: Within 8" of Joint:



Code:LLDescription:Alignment Left

Distance (ft):	158.9
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	MLC
Description:	Lining Change

Distance (ft):	161.7
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
Remarks:	END CIP



Code:AMHDescription:Manhole

Distance (ft):	165.1
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:	M-108-010