Profile/Ph	oto Observatio	n Report			RedZone
Date:	04/21/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft): 278.0	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-505-041-042
Customer:		Clean Date:	01/01/1900	Shape:	C
Street:	FOXCROFT STREE	т	Flow Control:	Not Contro	lled
City:	Hobart, IN		Year Renewed:		
Location:	Light Highway		Tape/Media #:		
Purpose:	Routine Assessme	ent	Dia/Height:	12"	
Use:	Sanitary		Material:	PVC	
Drain Area:	NA		Lining:		
Category:	NA				
Comment:	P_C at O_C at 273	ft . Flow directio	on wrong		
Location Detail	ls:		Direction of Surv	vey: Downstrea	m
US MH:	M-505-042	DS MH:	M-505-041	Total Length Surveyed	(ft): 274.3
D&M Index:	2.00	O&M Quick:	220	00 O&M Rating:	4.00
Structural Index:	0.00	Structural Q	uick: 000	00 Structural Rati	ng: 0.00
Overall Index:	2.00	Overall Quic	:k: 220	00 Overall Rating	4.00

N 505-042 .0 AMH Manhole 10 NA .0 MWL Water Level 21 NA 2.2 TF Tap Factory 37 NA 4.2 TF Tap Factory 53 NA 46.2 TF Tap Factory 149 NA 53.2 TF Tap Factory 174 NA 89.8 TF Tap Factory 259 NA 98.9 TF Tap Factory 288 NA 148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 262 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M.2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M.2		Position	Code	Observation	Video (sec)	Grade
Image: Note of the image is a second secon	M-505-042	,				
Image: Note of the image of the im			AMH	Manhole	10	NA
4.2 TF Tap Factory 53 NA 46.2 TF Tap Factory 149 NA 53.2 TF Tap Factory 174 NA 89.8 TF Tap Factory 259 NA 98.9 TF Tap Factory 288 NA 148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 500 NA 187.8 TF Tap Factory 562 NA 212.9 TF Tap Factory 562 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M2 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M2		.0	MWL	Water Level	21	NA
46.2 TF Tap Factory 149 NA 53.2 TF Tap Factory 174 NA 89.8 TF Tap Factory 259 NA 98.9 TF Tap Factory 288 NA 148.7 TF Tap Factory 288 NA 148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 424 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 562 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M2 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M2 <td></td> <td>2.2</td> <td>TF</td> <td>Tap Factory</td> <td>37</td> <td>NA</td>		2.2	TF	Tap Factory	37	NA
53.2 TF Tap Factory 174 NA 89.8 TF Tap Factory 259 NA 98.9 TF Tap Factory 288 NA 148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 424 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 500 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M 2 265.7 TF Tap Factory 702 NA 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M 2		4.2	TF	Tap Factory	53	NA
89.8 TF Tap Factory 259 NA 98.9 TF Tap Factory 288 NA 148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 424 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 562 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M 2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M 2 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M 2		46.2	TF	Tap Factory	149	NA
98.9 TF Tap Factory 288 NA 148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 424 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 562 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M 2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M 2 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M 2		53.2	TF	Tap Factory	174	NA
148.7 TF Tap Factory 399 NA 155.3 TF Tap Factory 424 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 562 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M 2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M 2 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M 2		89.8	TF	Tap Factory	259	NA
155.3 TF Tap Factory 424 NA 187.8 TF Tap Factory 500 NA 212.9 TF Tap Factory 562 NA 239.5 TF Tap Factory 627 NA 247.3 DSZ Deposits Settled Other 654 M 2 265.7 TF Tap Factory 702 NA 268.9 DSZ(S01) Deposits Settled Other 720 M 2 269.9 MMC Material Change 734 NA 273.2 DSZ(F01) Deposits Settled Other 753 M 2		98.9	TF	Tap Factory	288	NA
187.8TFTap Factory500NA212.9TFTap Factory562NA239.5TFTap Factory627NA247.3DSZDeposits Settled Other654M 2265.7TFTap Factory702NA268.9DSZ(S01)Deposits Settled Other720M 2269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2		148.7	TF	Tap Factory	399	NA
265.7TFTap Factory702NA268.9DSZ(S01)Deposits Settled Other720M 2269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2	5 J	155.3	TF	Tap Factory	424	NA
265.7TFTap Factory702NA268.9DSZ(S01)Deposits Settled Other720M 2269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2	- it ett	187.8	TF	Tap Factory	500	NA
265.7TFTap Factory702NA268.9DSZ(S01)Deposits Settled Other720M 2269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2		212.9	TF	Tap Factory	562	NA
265.7TFTap Factory702NA268.9DSZ(S01)Deposits Settled Other720M 2269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2		239.5	TF	Tap Factory	627	NA
268.9DSZ(S01)Deposits Settled Other720M 2269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2	_s <u> </u>	247.3	DSZ	Deposits Settled Other	654	M 2
269.9MMCMaterial Change734NA273.2DSZ(F01)Deposits Settled Other753M 2		265.7	TF	Tap Factory	702	NA
273.2 DSZ(F01) Deposits Settled Other 753 M 2		268.9	DSZ(S01)	Deposits Settled Other	720	M 2
	↓ + + + / ///□	269.9	MMC	Material Change	734	NA
		273.2	DSZ(F01)	Deposits Settled Other	753	M 2
274.3 AMH Manhole 766 NA		274.3	AMH	Manhole	766	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-505-042



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:	TF Tap Factory
Distance (ft):	2.2
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:	



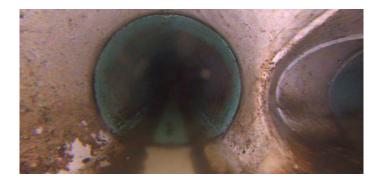
Code: Description:	TF Tap Factory
Distance (ft):	4.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	4
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



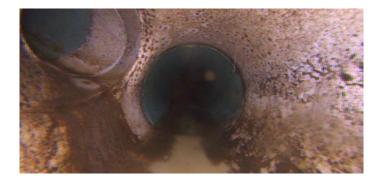
Code:	TF
Description:	Tap Factory
Distance (ft):	46.2
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	4
Clock To: 1st Value:	4.000
2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	



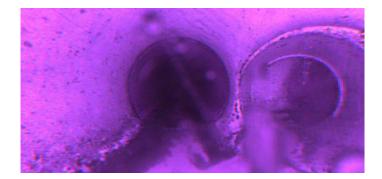
Description: Tap Fac	tory
Distance (ft): 53.2	
Structural Grade: 0	
O&M Grade: 0	
Clock Start/From: 10	
Clock To:	
1st Value: 4.000	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



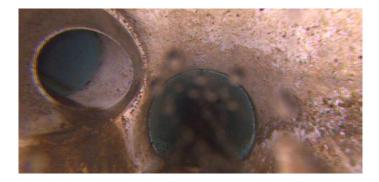
Code: Description:	TF Tap Factory
Distance (ft):	89.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



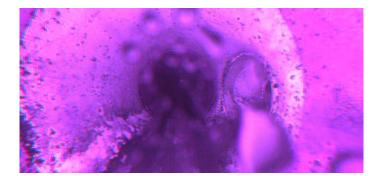
Code:	TF
Description:	Tap Factory
Distance (ft):	98.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



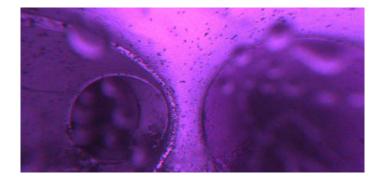
Code: Description:	TF Tap Factory
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	148.7 0 0 3 4.000 YES



Code:	TF
Description:	Tap Factory
Distance (ft):	155.3
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:	YES
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: Within 8" of Joint:	187.8 0 0 3 4.000
Remarks:	11.3



Code: Description:	TF Tap Factory
Description	i ap i actory
Distance (ft):	212.9
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:	YES
Remarks:	

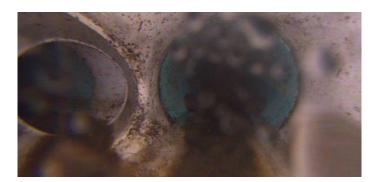


Code:	TF
Description:	Tap Factory
Distance (ft):	239.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:DSZDescription:Deposits Settled Other

Distance (ft):	247.3
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	6
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	tissue

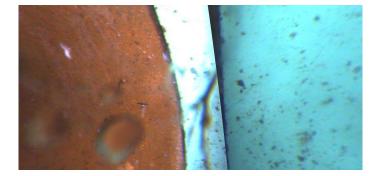


Code: Description:	TF Tap Factory
Distance (ft):	265.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:DSZDescription:Deposits Settled Other

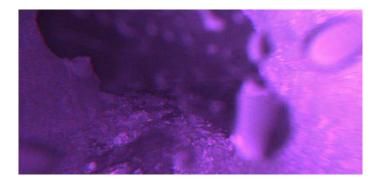
Distance (ft):	268.9
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	6
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S01
Within 8" of Joint:	NO
Remarks:	mud



Code:	
Description:	

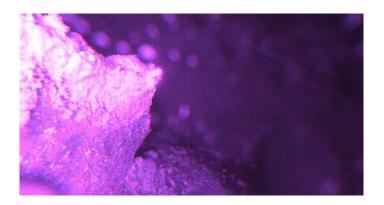
MMC Material Change

Distance (ft):	269.9
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:	vср



Code:DSZDescription:Deposits Settled Other

Distance (ft):	273.2
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	6
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	mud



Code:	AMH
Description:	Manhole

Distance (ft):	274.3
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:	M-505-041