

Profile/Photo Observation Report

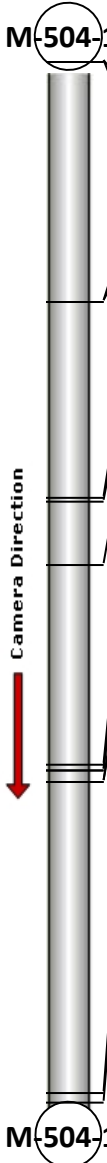


Date:	04/18/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	129.7	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Michael Carlino	PSR:	P-504-106-105
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	Summerlin	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	12"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Downstream
US MH:	M-504-105	DS MH:	M-504-106
		Total Length Surveyed (ft):	124.8

O&M Index:	1.56	O&M Quick:	3123	O&M Rating:	14.00
Structural Index:	3.50	Structural Quick:	4131	Structural Rating:	7.00
Overall Index:	1.91	Overall Quick:	4132	Overall Rating:	21.00

	Position	Code	Observation	Video (sec)	Grade
	M-504-105				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	28.7	TBD	Tap Break-in Defective	90	M 3
	28.7	RFC	Roots Fine Connection	101	M 1
	52.2	FM	Fracture Multiple	160	S 4
	52.7	TFD	Tap Factory Defective	173	M 2
	60.4	RFJ	Roots Fine Joint	201	M 1
	84.3	RFJ	Roots Fine Joint	260	M 1
	85.0	FL	Fracture Longitudinal	273	S 3
	85.0	RFB	Roots Fine Barrel	285	M 2
	86.4	RFL	Roots Fine Lateral	301	M 1
	86.4	TFD	Tap Factory Defective	312	M 2
	123.7	RFJ	Roots Fine Joint	401	M 1
	124.8	MSA	Abandoned Survey	419	NA
	M-504-106				



Code: **AMH**
 Description: **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-504-105**



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: **TBD**
Description: **Tap Break-in Defective**

Distance (ft): **28.7**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **11**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **RFC**



Code:	RFC
Description:	Roots Fine Connection
Distance (ft):	28.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	FM
Description:	Fracture Multiple
Distance (ft):	52.2
Structural Grade:	4
O&M Grade:	0
Clock Start/From:	10
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **52.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **FM; RFL**



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

Distance (ft): **60.4**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **12**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **84.3**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **FL**
Description: **Fracture Longitudinal**

Distance (ft): **85.0**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **RFB**
Description: **Roots Fine Barrel**

Distance (ft): **85.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **RFL**
Description: **Roots Fine Lateral**

Distance (ft): **86.4**
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: **NO**
Remarks:



Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	86.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	RFL



Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	123.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	124.8
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:	RFJ