

Profile/Photo Observation Report

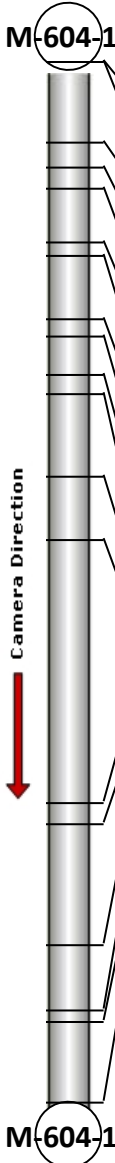


Date:	04/22/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	107.4	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-604-104-103
Customer:		Clean Date:	01/01/1900	Shape:	C

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-604-104	DS MH:	M-604-103
		Total Length Surveyed (ft):	112.5

O&M Index:	2.00	O&M Quick:	3123	O&M Rating:	10.00
Structural Index:	2.75	Structural Quick:	3321	Structural Rating:	11.00
Overall Index:	2.33	Overall Quick:	3424	Overall Rating:	21.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	22	NA
	8.8	TB	Tap Break-in	51	NA
	11.4	DAZ	Deposits Attached Other	68	M 3
	13.6	DAZ	Deposits Attached Other	84	M 2
	19.6	DAZ	Deposits Attached Other	108	M 2
	20.9	TFC	Tap Factory Capped	122	NA
	27.8	DAZ	Deposits Attached Other	147	M 2
	29.7	RFJ(S01)	Roots Fine Joint	163	M 1
	33.9	CM	Crack Multiple	183	S 3
	36.0	RFJ(F01)	Roots Fine Joint	199	M 1
	44.8	TF	Tap Factory	228	NA
	51.7	TFC	Tap Factory Capped	254	NA
	80.2	TB	Tap Break-in	324	NA
	82.4	CL	Crack Longitudinal	340	S 2
	95.5	CM	Crack Multiple	378	S 3
	102.5	TFC	Tap Factory Capped	404	NA
	103.7	CM	Crack Multiple	418	S 3
	112.5	AMH	Manhole	447	NA
M-604-103					

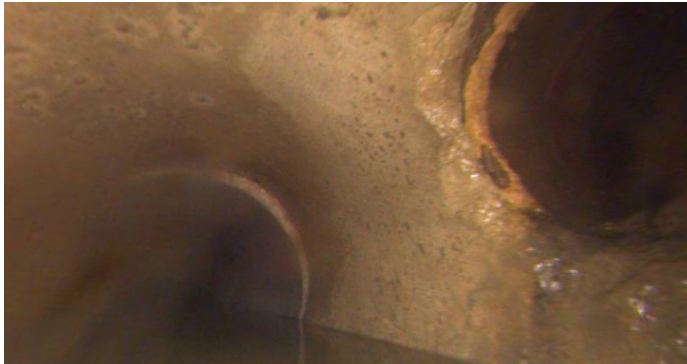


Code: **AMH**
 Description: **Manhole**

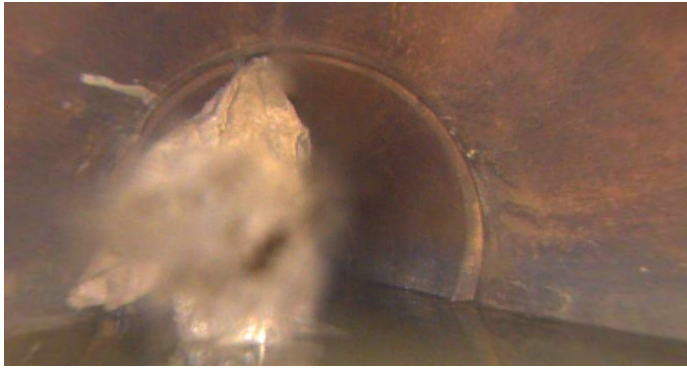
 Distance (ft): **.0**
 Structural Grade: **0**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks: **M-604-104**



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:	



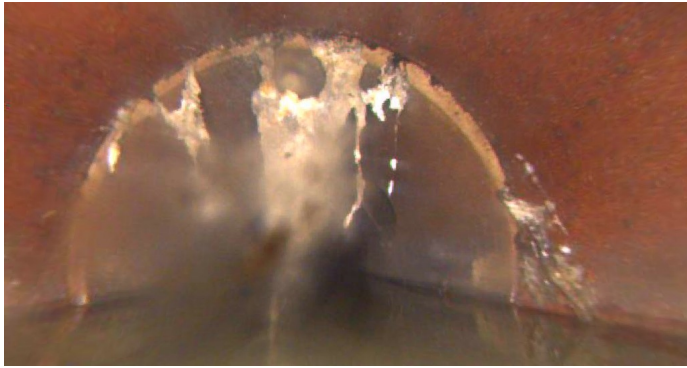
Code:	TB
Description:	Tap Break-in
Distance (ft):	8.8
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



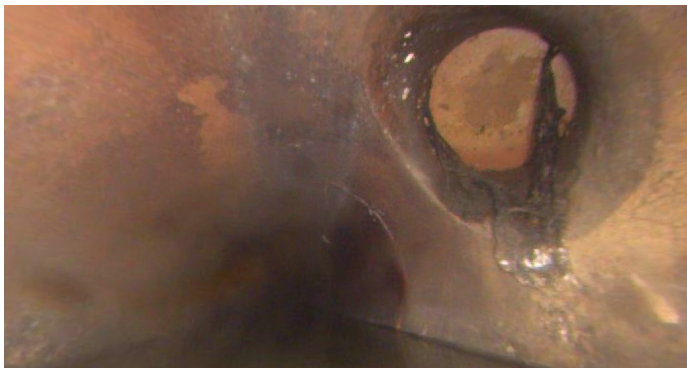
Code:	DAZ
Description:	Deposits Attached Other
Distance (ft):	11.4
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	11
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



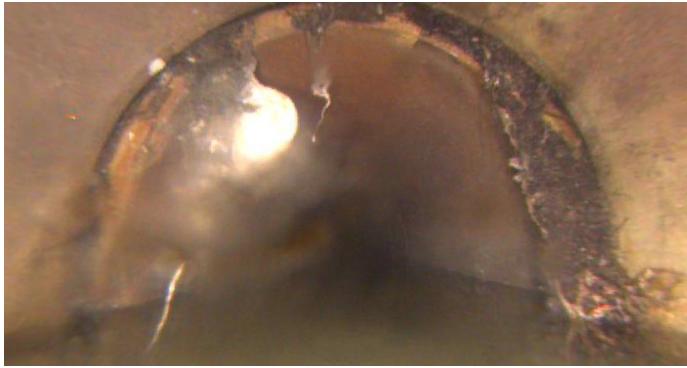
Code:	DAZ
Description:	Deposits Attached Other
Distance (ft):	13.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	2
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



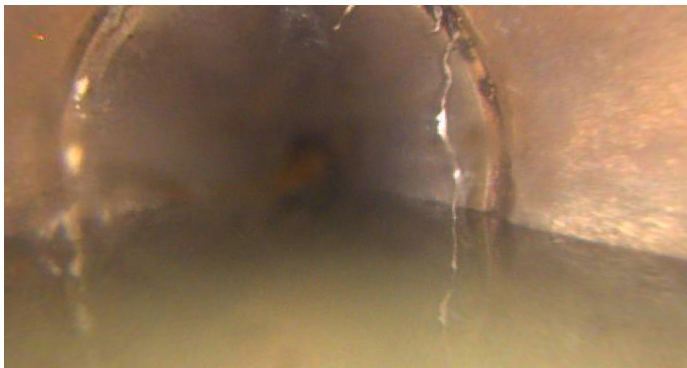
Code:	DAZ
Description:	Deposits Attached Other
Distance (ft):	19.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	9
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



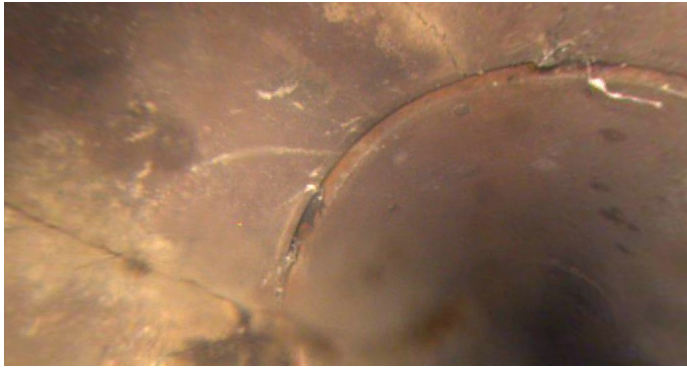
Code:	TFC
Description:	Tap Factory Capped
Distance (ft):	20.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	2
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	



Code:	DAZ
Description:	Deposits Attached Other
Distance (ft):	27.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

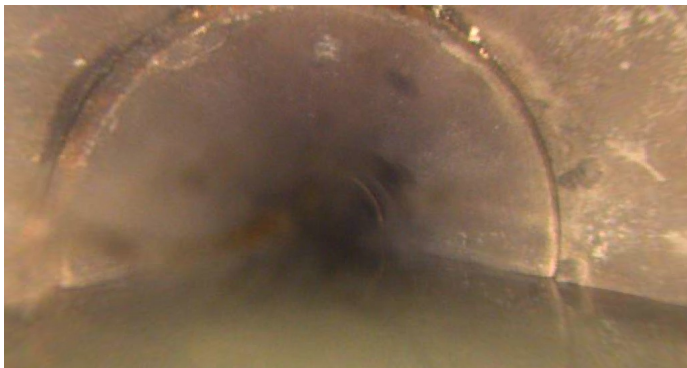


Code:	RFJ
Description:	Roots Fine Joint
Distance (ft):	29.7
Structural Grade:	0
O&M Grade:	1
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S01
Within 8" of Joint:	YES
Remarks:	



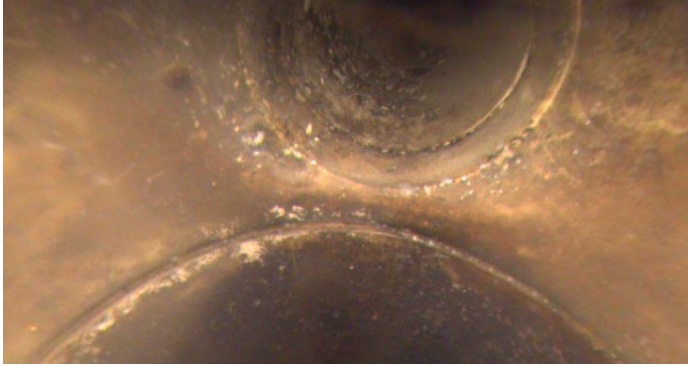
Code: **CM**
Description: **Crack Multiple**

Distance (ft): **33.9**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **36.0**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:



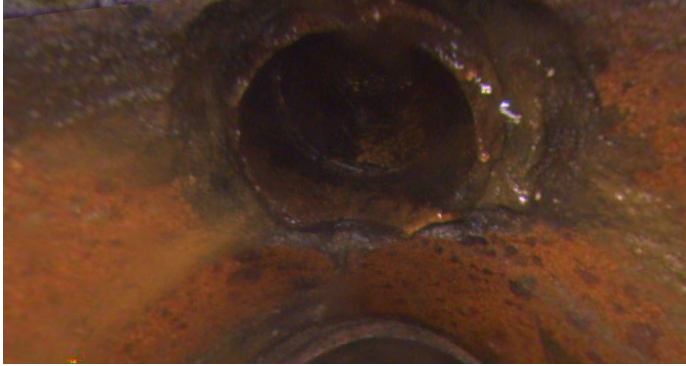
Code: **TF**
Description: **Tap Factory**

Distance (ft): **44.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



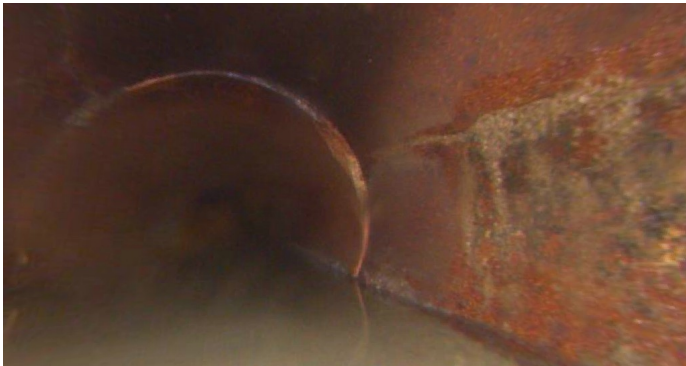
Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **51.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code: **TB**
Description: **Tap Break-in**

Distance (ft): **80.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **1**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **82.4**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **CM**
Description: **Crack Multiple**

Distance (ft): **95.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code: **TFC**
Description: **Tap Factory Capped**

Distance (ft): **102.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code: **CM**
Description: **Crack Multiple**

Distance (ft): **103.7**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code: **AMH**
Description: **Manhole**

Distance (ft): **112.5**
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-604-103**