

Profile/Photo Observation Report

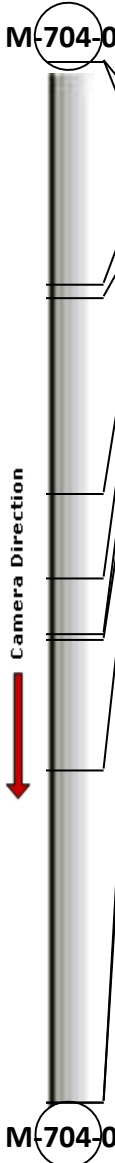


Date:	04/10/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	218.9	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Mark Ruby	PSR:	P-704-064-062
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	OFF RUTA DR	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Not Known	Dia/Height:	8"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-704-062	DS MH:	M-704-064
		Total Length Surveyed (ft):	91.0

O&M Index:	3.50	O&M Quick:	4622	O&M Rating:	28.00
Structural Index:	3.00	Structural Quick:	3100	Structural Rating:	3.00
Overall Index:	3.44	Overall Quick:	4631	Overall Rating:	31.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	19.4	DAE	Deposits Attached Encrustation	71	M 2
	20.7	TFA	Tap Factory Active	87	NA
	37.7	TF	Tap Factory	136	NA
	45.1	MWL	Water Level	165	NA
	50.0	RFB	Roots Fine Barrel	186	M 2
	50.5	FS	Fracture Spiral	199	S 3
	62.0	MCU(S01)	Camera Underwater	233	M 4
	91.0	MCU(F01)	Camera Underwater	303	M 4
	91.0	MSA	Abandoned Survey	314	NA



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-704-064**

Code:	MWL
Description:	Water Level



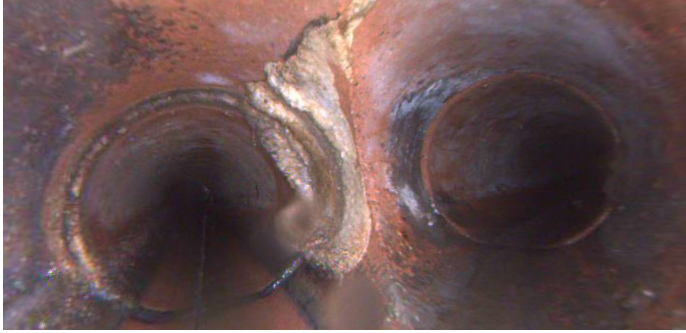
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	DAE
Description:	Deposits Attached Encrustation



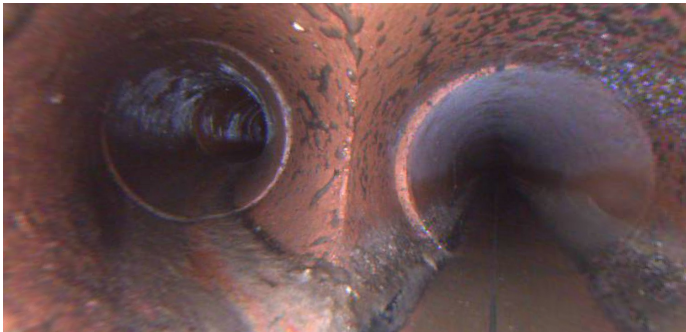
Distance (ft):	19.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	12
1st Value:	
2nd Value:	
Value Percent:	10.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

Code: **TFA**
Description: **Tap Factory Active**



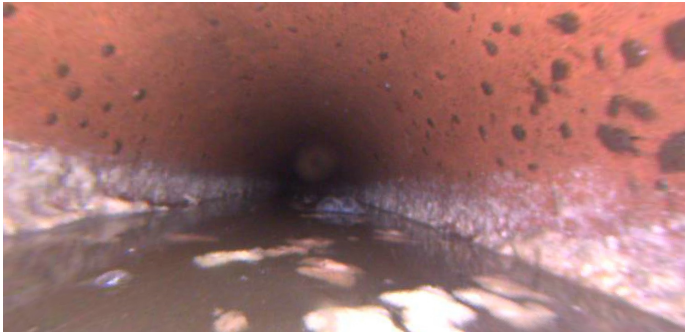
Distance (ft): **20.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **37.7**
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: **MWL**
Description: **Water Level**



Distance (ft): **45.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

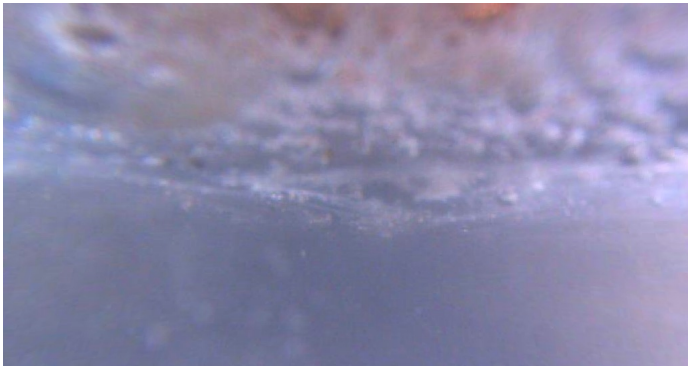


Distance (ft): **50.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **FS**
Description: **Fracture Spiral**

Distance (ft): **50.5**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



Code: **MCU**
Description: **Camera Underwater**

Distance (ft): **62.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:



Code:	MCU
Description:	Camera Underwater
Distance (ft):	91.0
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	F01
Within 8" of Joint:	NO
Remarks:	



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	91.0
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:	MCU