

Profile/Photo Observation Report

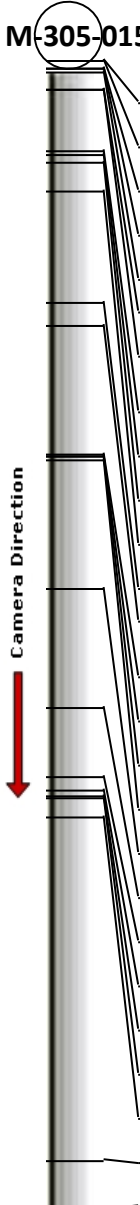


Date:	04/18/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	316.2	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-305-016-015
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	WILDROSE DR	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	Cured in Place
Category:	NA		
Comment:			

Location Details:		Direction of Survey:	Upstream
US MH:	M-305-016	DS MH:	M-305-015
		Total Length Surveyed (ft):	302.3

O&M Index:	3.22	O&M Quick:	4434	O&M Rating:	29.00
Structural Index:	2.00	Structural Quick:	2300	Structural Rating:	6.00
Overall Index:	2.92	Overall Quick:	4434	Overall Rating:	35.00

	Position	Code	Observation	Video (sec)	Grade
M-305-015					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	2.2	TB	Tap Break-in	37	NA
	2.2	MWL	Water Level	49	NA
	3.2	MCU	Camera Underwater	62	M 4
	10.7	MWL	Water Level	89	NA
	10.7	MWLS(S01)	Water Level Sag	100	S 2
	23.7	MWLS(F01)	Water Level Sag	137	S 2
	24.7	LFAC	Lining Failure Abandoned Connection	151	NA
	27.0	LFAC	Lining Failure Abandoned Connection	167	NA
	34.5	TB	Tap Break-in	194	NA
	63.5	MCU	Camera Underwater	264	M 4
	72.9	MWL	Water Level	295	NA
	103.6	LFAC	Lining Failure Abandoned Connection	368	NA
	103.9	TBD	Tap Break-in Defective	381	M 3
	103.9	RFC	Roots Fine Connection	392	M 1
	105.3	LFAC	Lining Failure Abandoned Connection	408	NA
	139.1	TB	Tap Break-in	487	NA
	170.2	TB	Tap Break-in	562	NA
	188.5	TB	Tap Break-in	611	NA
	191.9	LFAC	Lining Failure Abandoned Connection	630	NA
	193.8	MCU	Camera Underwater	646	M 4
	194.0	LFAC	Lining Failure Abandoned Connection	658	NA
	199.1	MCU	Camera Underwater	679	M 4
	289.6	LFAC	Lining Failure Abandoned Connection	872	NA
	302.3	AMH	Manhole	909	NA
M-305-016					

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



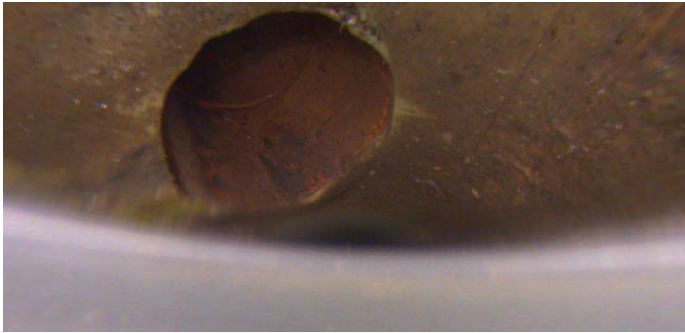
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-305-015**

Code: **MWL**
Description: **Water Level**



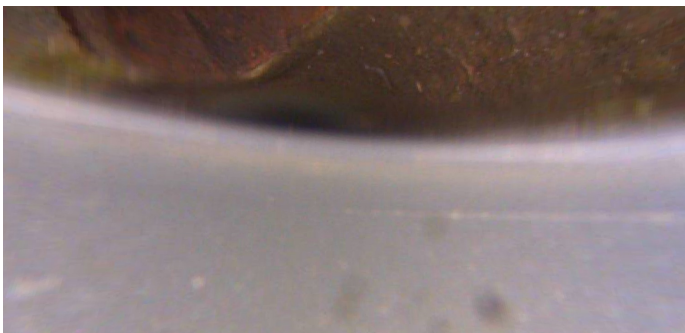
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



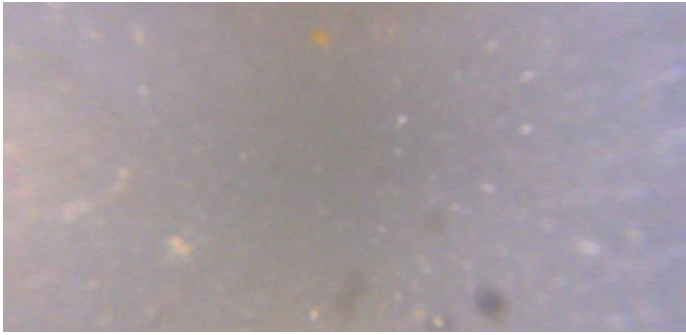
Distance (ft): **2.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **MWL**
Description: **Water Level**



Distance (ft): **2.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **70.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **3.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MWL**
Description: **Water Level**



Distance (ft): **10.7**
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: **MWLS**
Description: **Water Level Sag**



Distance (ft): **10.7**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:

Code: **MWLS**
Description: **Water Level Sag**



Distance (ft): **23.7**
Structural Grade: **2**
O&M Grade: **3**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:

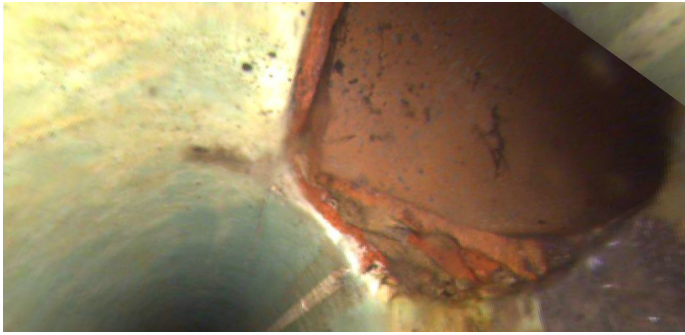


Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	24.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



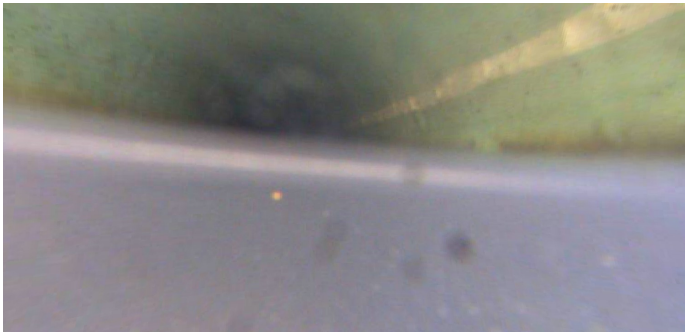
Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	27.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

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



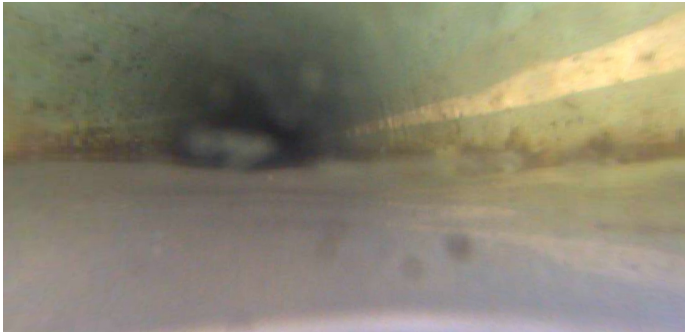
Distance (ft): **34.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



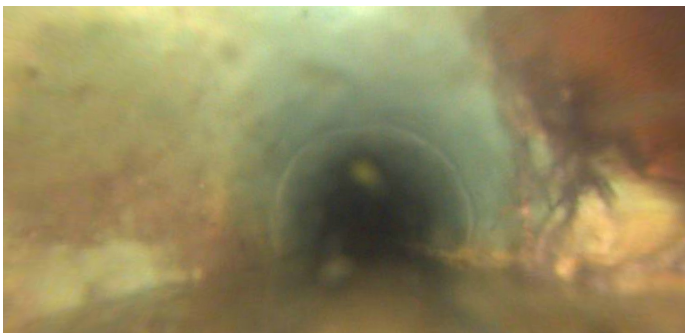
Distance (ft): **63.5**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **partially**

Code: **MWL**
Description: **Water Level**



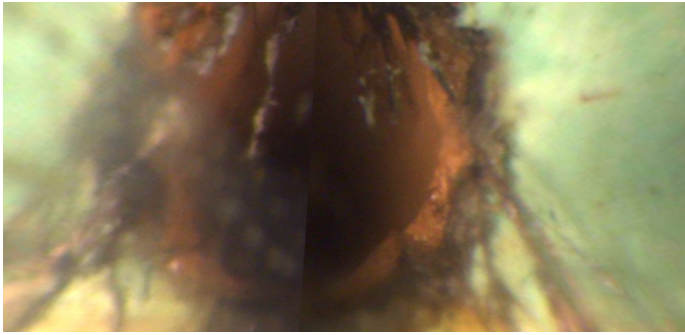
Distance (ft): **72.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **LFAC**
Description: **Lining Failure Abandoned Connection**



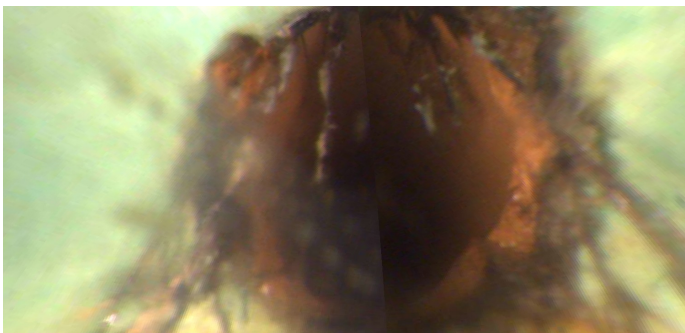
Distance (ft): **103.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **9**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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

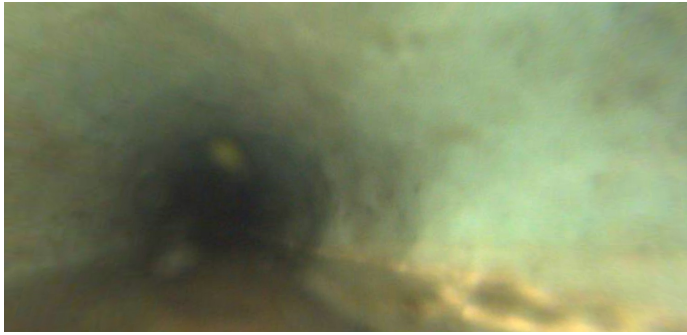


Distance (ft): **103.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **roots**

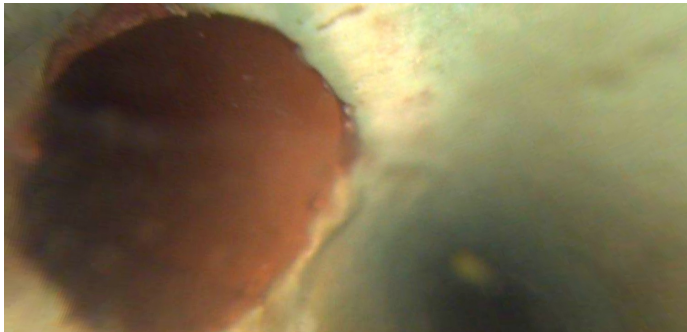
Code: **RFC**
Description: **Roots Fine Connection**



Distance (ft): **103.9**
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:

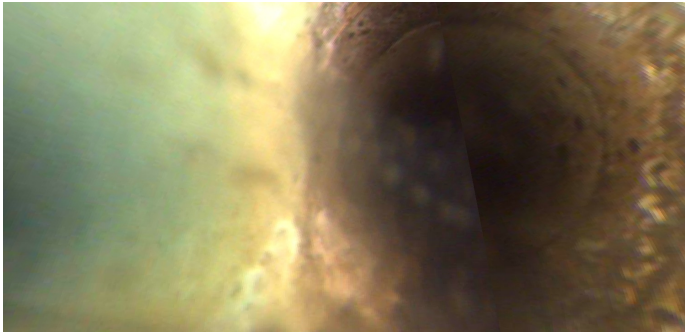


Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	105.3
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



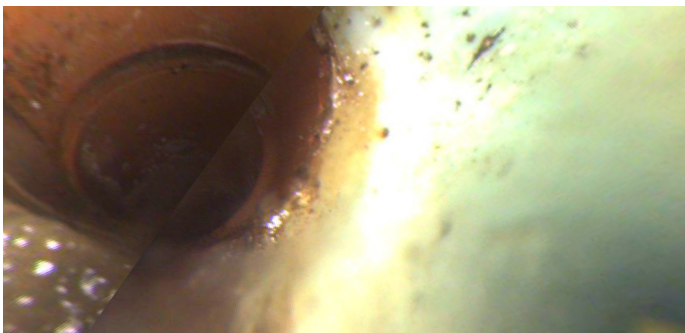
Code:	TB
Description:	Tap Break-in
Distance (ft):	139.1
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	10
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

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

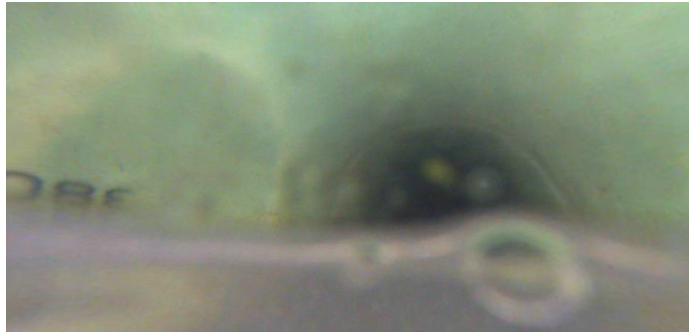


Distance (ft): **170.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



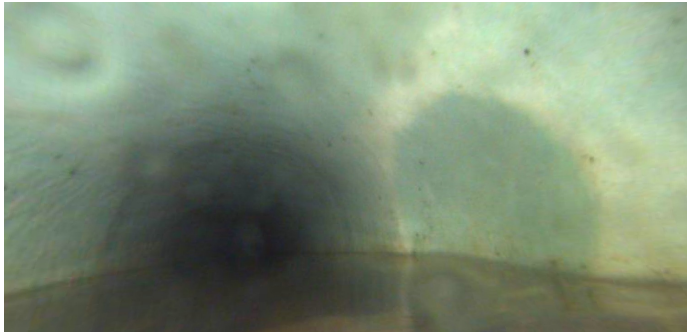
Distance (ft): **188.5**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:



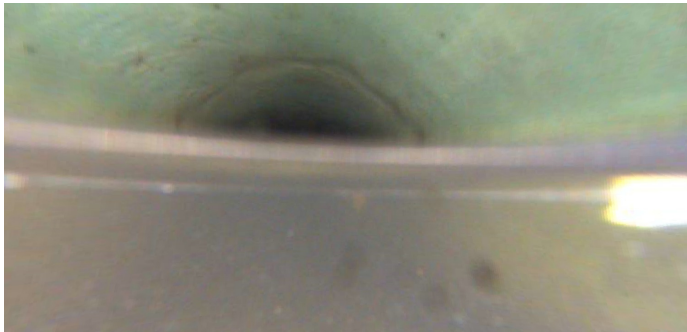
Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	191.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	9
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



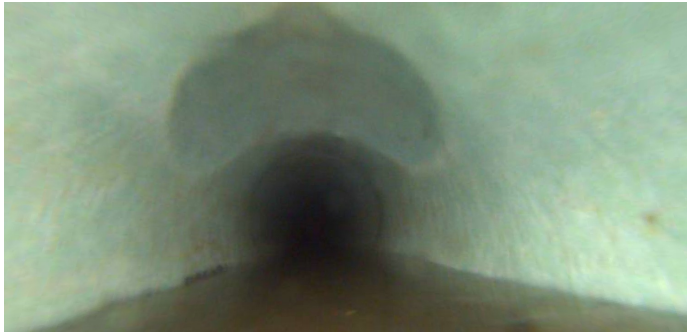
Code:	MCU
Description:	Camera Underwater
Distance (ft):	193.8
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	194.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	3
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	MCU
Description:	Camera Underwater
Distance (ft):	199.1
Structural Grade:	0
O&M Grade:	4
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	LFAC
Description:	Lining Failure Abandoned Connection
Distance (ft):	289.6
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code:	AMH
Description:	Manhole
Distance (ft):	302.3
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-305-016