

## Profile/Photo Observation Report

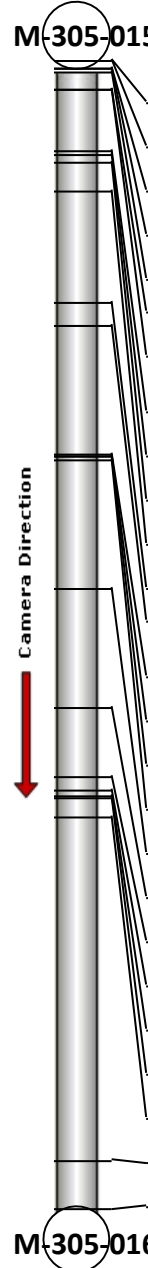


Date:	<b>04/18/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>316.2</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Byrd Fitzgerald</b>	PSR:	<b>P-305-016-015</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

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

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

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

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>	.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

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**

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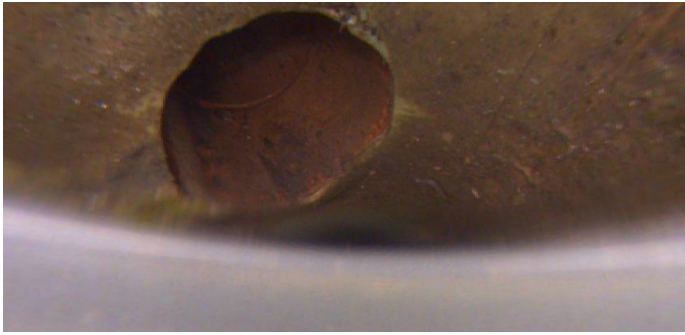
Code: **MWL**  
Description: **Water Level**



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:

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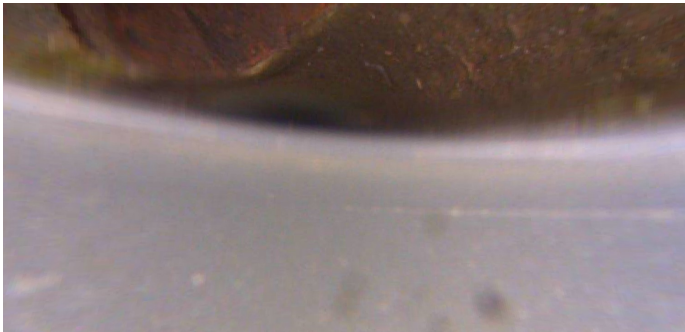
Code: **TB**  
Description: **Tap Break-in**



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:

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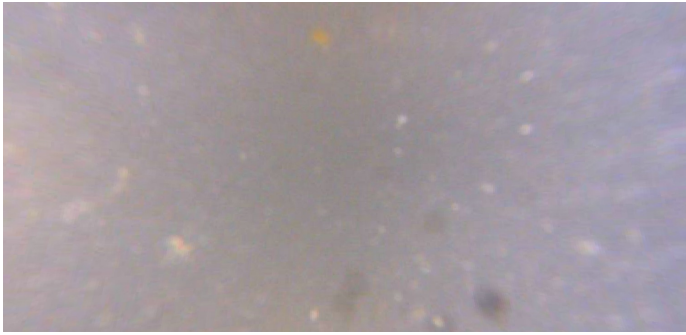
Code: **MWL**  
Description: **Water Level**



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:

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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:

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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:

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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:

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

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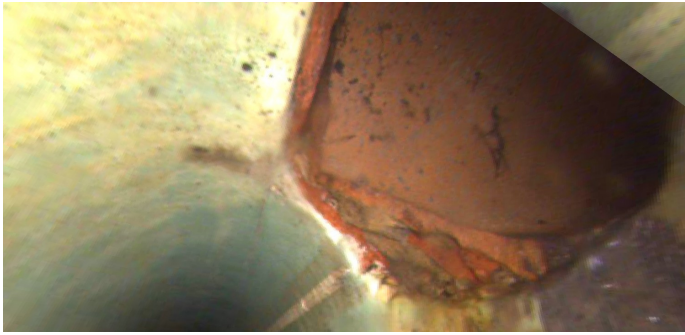


Code:	<b>LFAC</b>
Description:	<b>Lining Failure Abandoned Connection</b>
Distance (ft):	<b>27.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>3</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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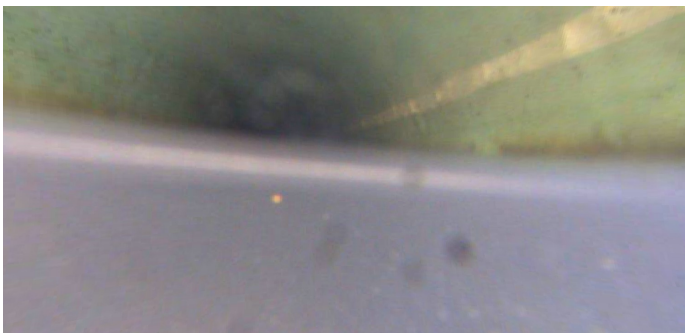
Code: **TB**  
Description: **Tap Break-in**



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:

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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**

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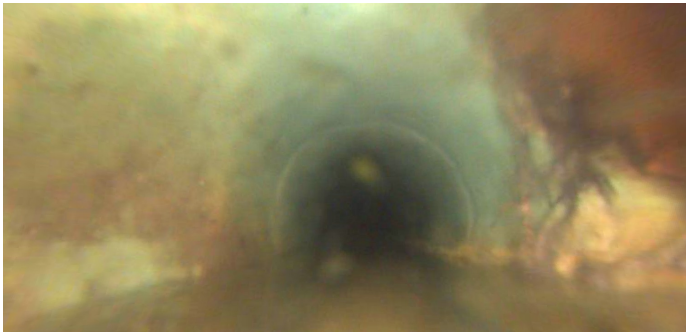
Code: **MWL**  
Description: **Water Level**



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:

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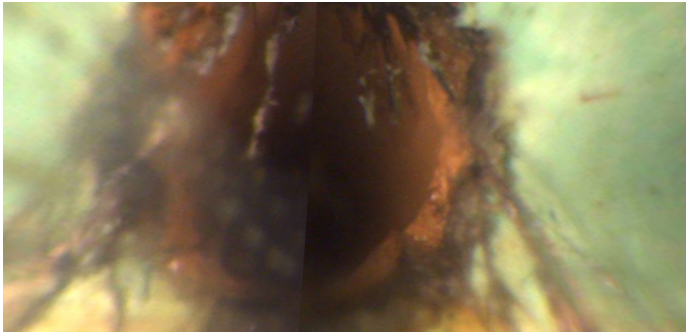
Code: **LFAC**  
Description: **Lining Failure Abandoned Connection**



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:

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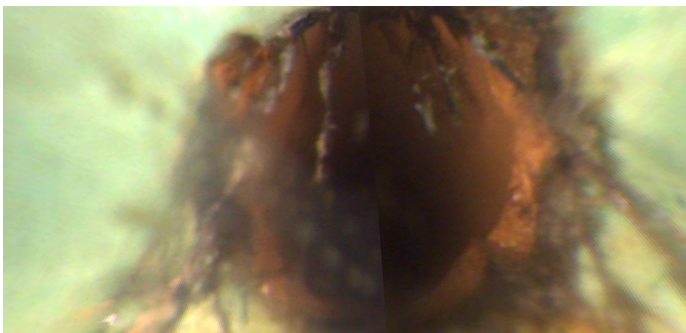
Code: **TBD**  
Description: **Tap Break-in Defective**



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**

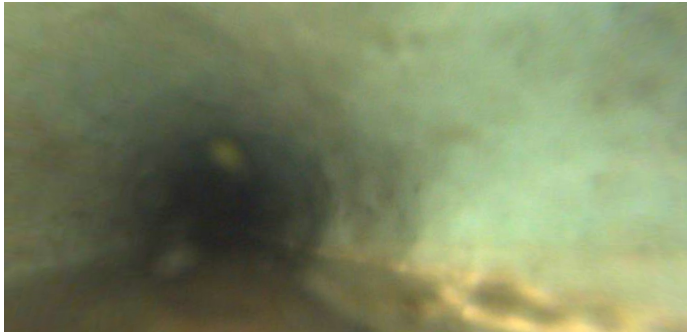
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Code: **RFC**  
Description: **Roots Fine Connection**



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:

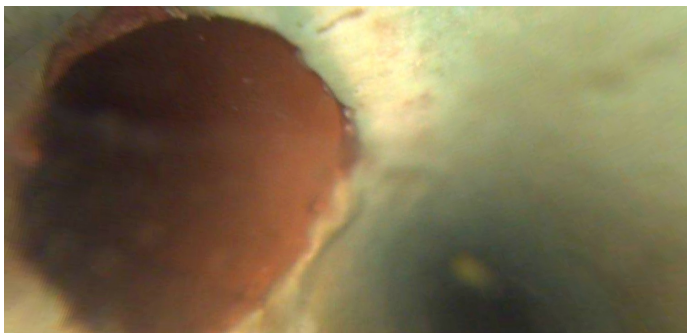
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Code: **LFAC**  
Description: **Lining Failure Abandoned Connection**

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:

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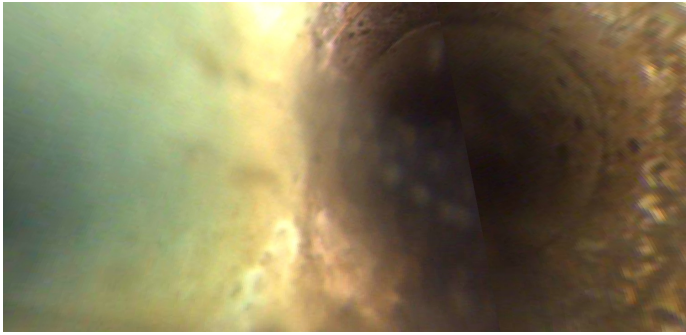


Code: **TB**  
Description: **Tap Break-in**

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:

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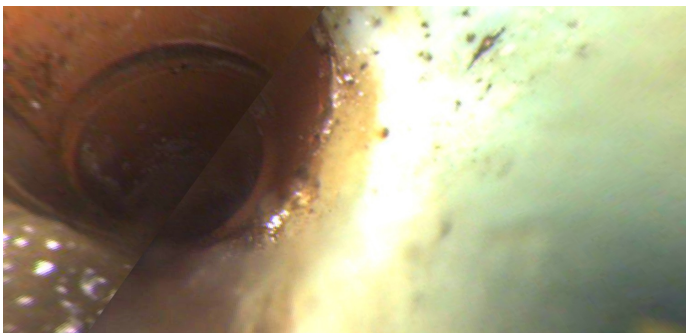
Code: **TB**  
Description: **Tap Break-in**



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:

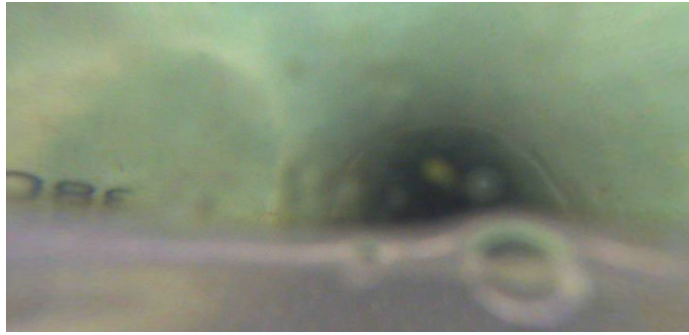
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Code: **TB**  
Description: **Tap Break-in**



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:

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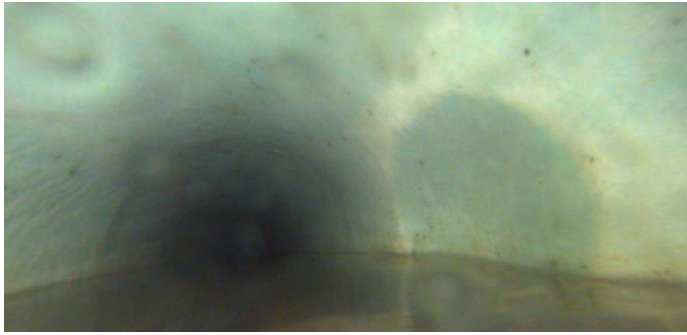
Code:	<b>LFAC</b>
Description:	<b>Lining Failure Abandoned Connection</b>
Distance (ft):	<b>191.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>9</b>
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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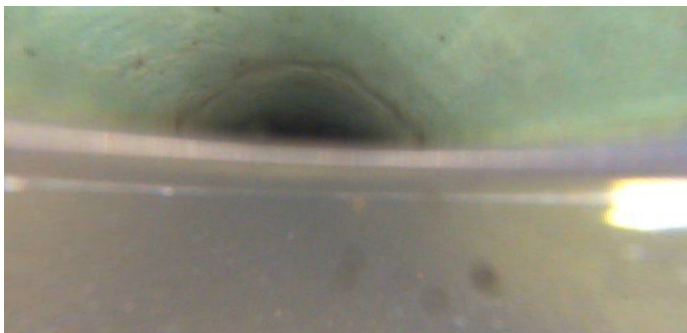
Code:	<b>MCU</b>
Description:	<b>Camera Underwater</b>
Distance (ft):	<b>193.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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

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

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

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Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>302.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-305-016</b>