

## Profile/Photo Observation Report




Date:	<b>09/13/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>194.0</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-805-015-014</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/26/2022</b>	Shape:	<b>C</b>

Street:	<b>South Liberty Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Alley</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-805-014</b>	DS MH:	<b>M-805-015</b>
		Total Length Surveyed (ft):	<b>196.1</b>

O&M Index:	<b>1.69</b>	O&M Quick:	<b>4231</b>	O&M Rating:	<b>113.00</b>
Structural Index:	<b>2.67</b>	Structural Quick:	<b>452A</b>	Structural Rating:	<b>40.00</b>
Overall Index:	<b>1.87</b>	Overall Quick:	<b>4731</b>	Overall Rating:	<b>153.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-805-014</b>					
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	81	NA
	6.0	DSF(S01)	Deposits Settled Fine	113	M 2
	12.6	ISJ	Infiltration Stain Joint	178	M 1
	13.6	TF	Tap Factory	212	NA
	16.1	MWLS(S02)	Miscellaneous Water Level Sag	282	S 4
	24.9	MCU(S03)	Miscellaneous Camera Underwater	353	M 4
	33.3	MCU(F03)	Miscellaneous Camera Underwater	458	M 4
	35.1	MWLS(F02)	Miscellaneous Water Level Sag	501	S 4
	35.1	MWL	Miscellaneous Water Level	509	NA
	38.8	ISJ	Infiltration Stain Joint	544	M 1
	43.9	TF	Tap Factory	633	NA
	49.6	MWL	Miscellaneous Water Level	727	NA
	66.1	TFD	Tap Factory Defective	961	M 3
	67.7	MWL	Miscellaneous Water Level	1018	NA
	72.1	TF	Tap Factory	1056	NA
	76.5	MWL	Miscellaneous Water Level	1104	NA
	77.3	RFJ	Roots Fine Joint	1143	M 1
	89.8	MWLS(S04)	Miscellaneous Water Level Sag	1212	S 2
	97.4	ISJ	Infiltration Stain Joint	1280	M 1
	97.4	RFJ(S05)	Roots Fine Joint	1290	M 1
	116.4	MWLS(F04)	Miscellaneous Water Level Sag	1370	S 2
	125.4	ISJ	Infiltration Stain Joint	1439	M 1
	130.5	TF	Tap Factory	1481	NA
	131.8	MWLS(S06)	Miscellaneous Water Level Sag	1507	S 2
	135.6	B	Broken	1558	S 4
	136.5	TF	Tap Factory	1584	NA
	148.8	MWLS(F06)	Miscellaneous Water Level Sag	1663	S 2
	157.5	MWLS(S07)	Miscellaneous Water Level Sag	1703	S 2
	168.8	MWLS(F07)	Miscellaneous Water Level Sag	1796	S 2
	179.2	TF	Tap Factory	1849	NA
	180.1	ISJ	Infiltration Stain Joint	1906	M 1
	192.2	ISJ	Infiltration Stain Joint	1993	M 1
	193.7	DSF(F01)	Deposits Settled Fine	2018	M 2
	193.7	RFJ(F05)	Roots Fine Joint	2026	M 1
	196.1	AMH	Manhole	2160	NA
<b>M-805-015</b>					



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-805-014**



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

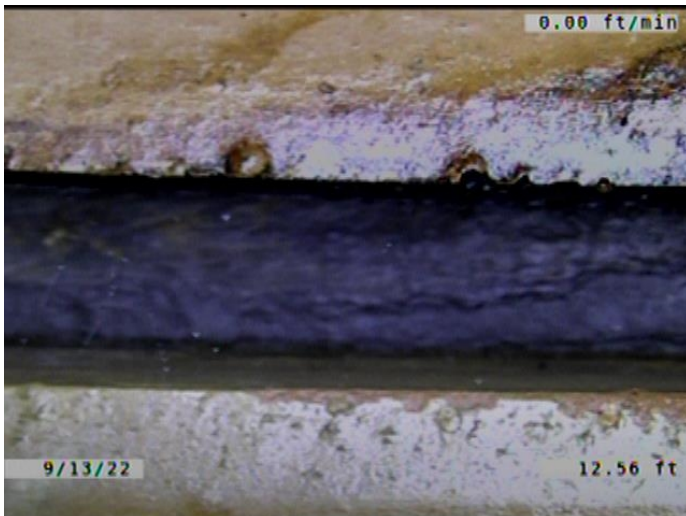
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **6.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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Code: **ISJ**  
Description: **Infiltration Stain Joint**

Distance (ft): **12.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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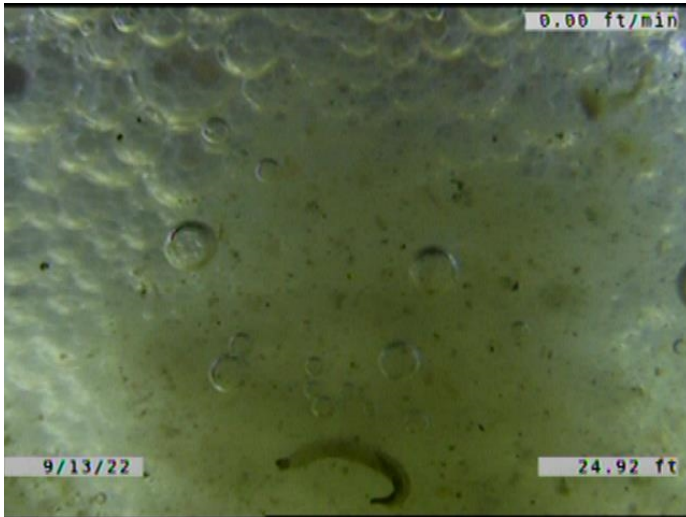


Code:	<b>TF</b>
Description:	<b>Tap Factory</b>
Distance (ft):	<b>13.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>1</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING FROM THE SERVICE TO MAIN CONNECTION .</b>



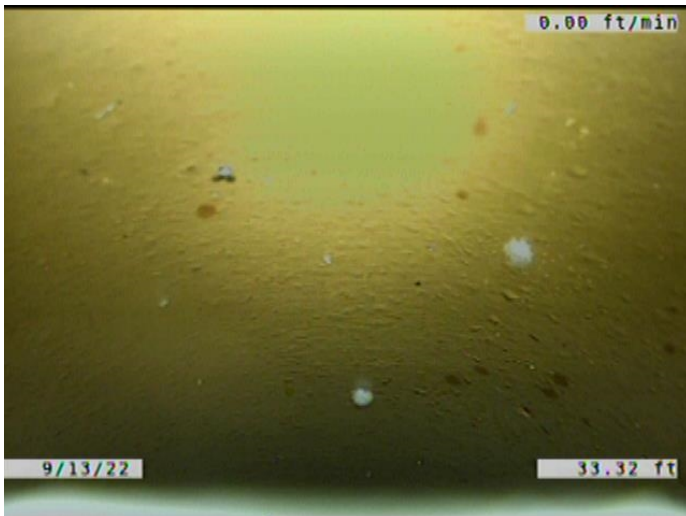
Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>16.1</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>75.000</b>
Continuous Index:	<b>S02</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	





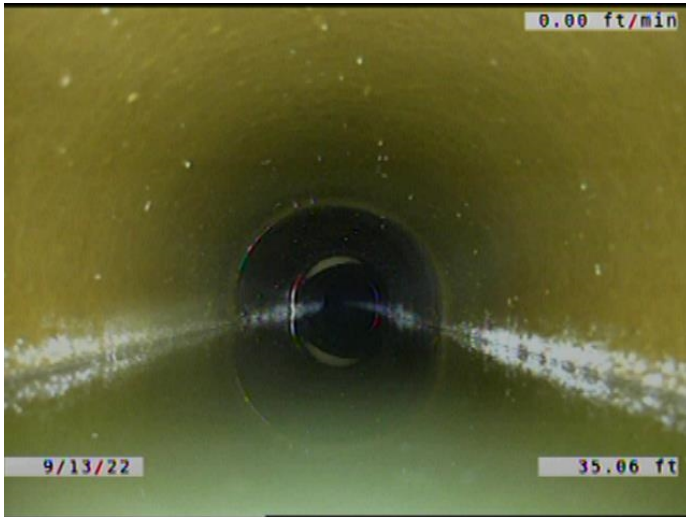
Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>24.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S03</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>33.3</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:	<b>F03</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

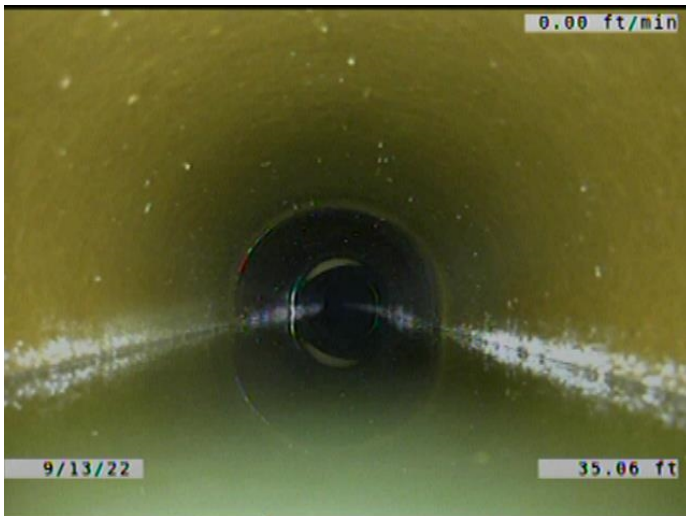
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **35.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **75.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

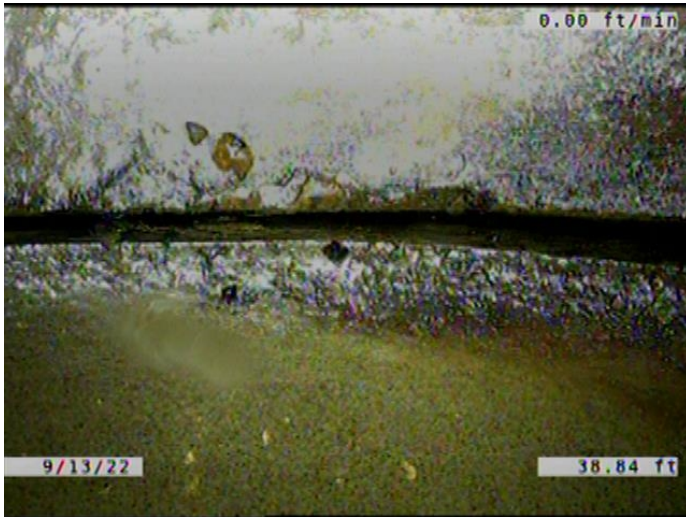
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Code: **MWL**  
Description: **Miscellaneous Water Level**

Distance (ft): **35.1**  
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:

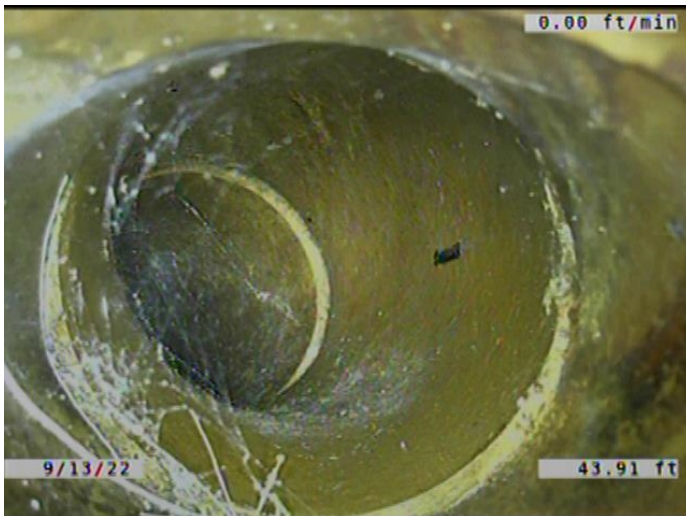
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Code: **ISJ**  
 Description: **Infiltration Stain Joint**

Distance (ft): **38.8**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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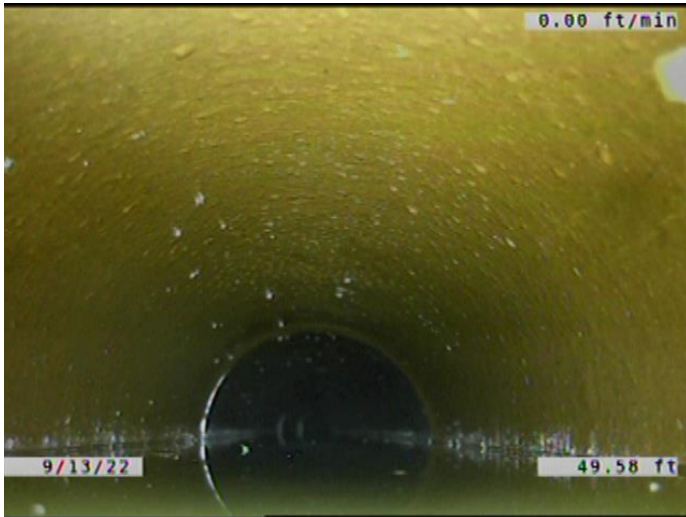


Code: **TF**  
 Description: **Tap Factory**

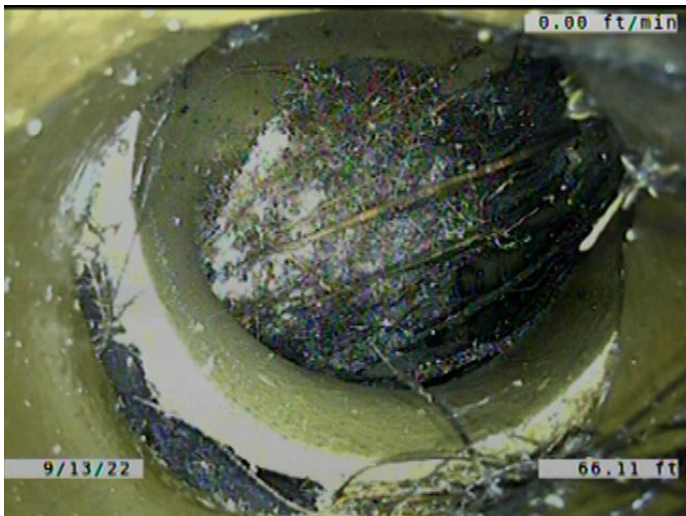
Distance (ft): **43.9**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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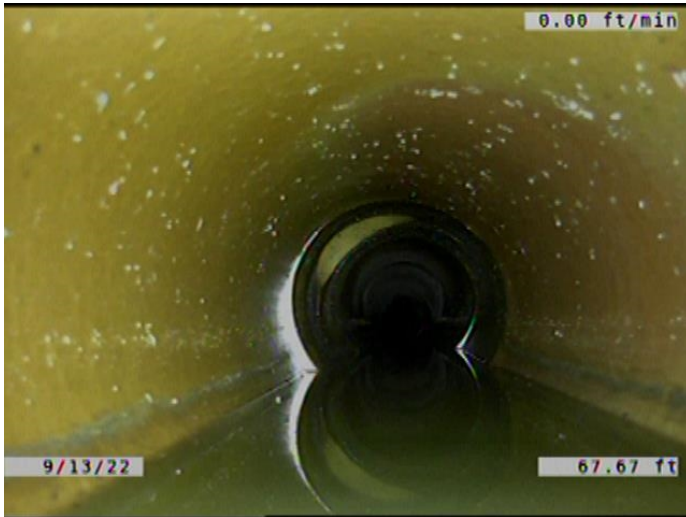




Code:	<b>MWL</b>
Description:	<b>Miscellaneous Water Level</b>
Distance (ft):	<b>49.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>40.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>66.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>SERVICE TO MAIN CONNECTION OFFSET WITH ROOTS GROWING IN I</b>



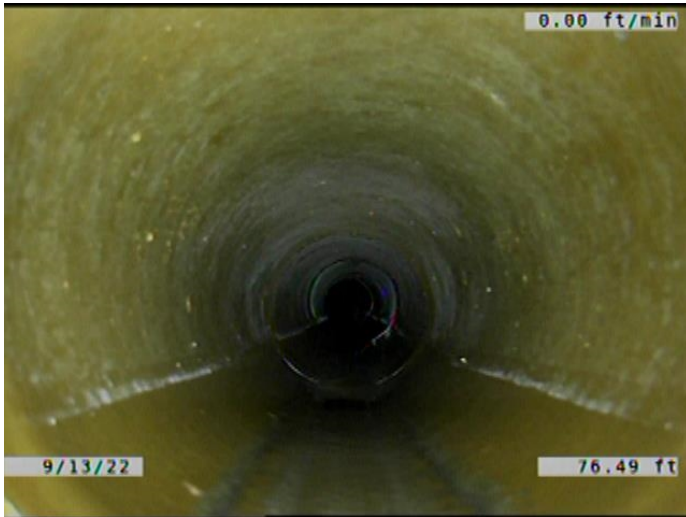
Code: **MWL**  
 Description: **Miscellaneous Water Level**

Distance (ft): **67.7**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



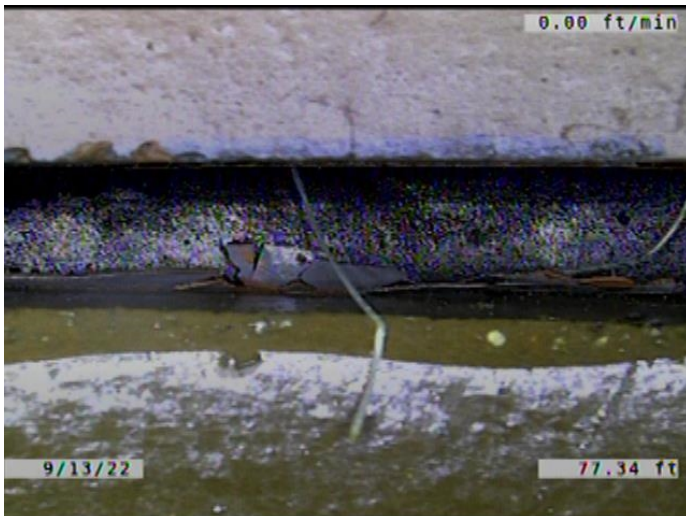
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **72.1**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ROOTS GROWING FROM THE SERVICE TO MAIN CONNECTION .**



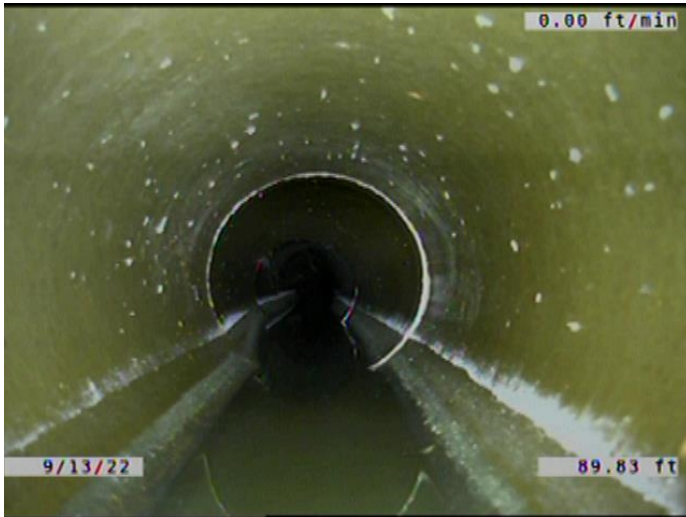
Code: **MWL**  
 Description: **Miscellaneous Water Level**

Distance (ft): **76.5**  
 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: **RFJ**  
 Description: **Roots Fine Joint**

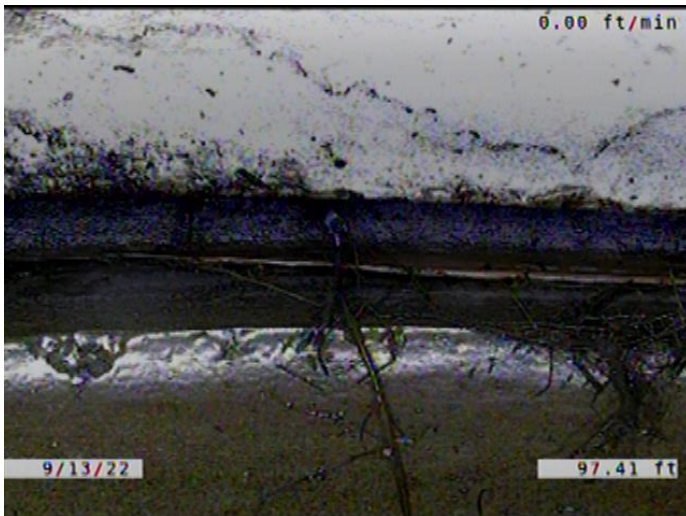
Distance (ft): **77.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **89.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

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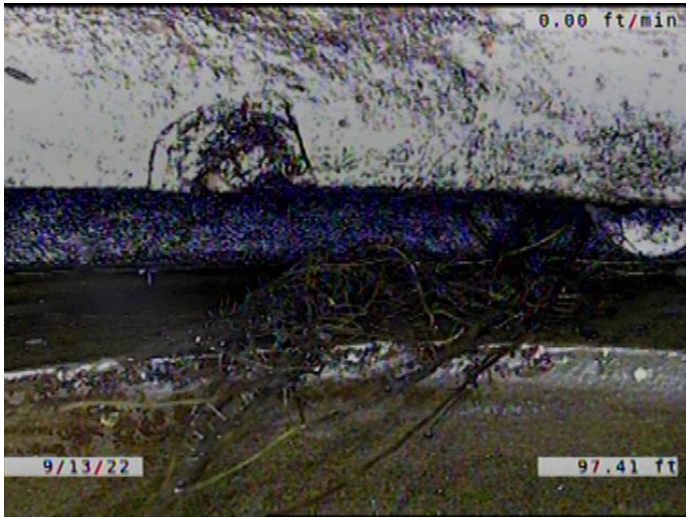


Code: **ISJ**  
Description: **Infiltration Stain Joint**

Distance (ft): **97.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

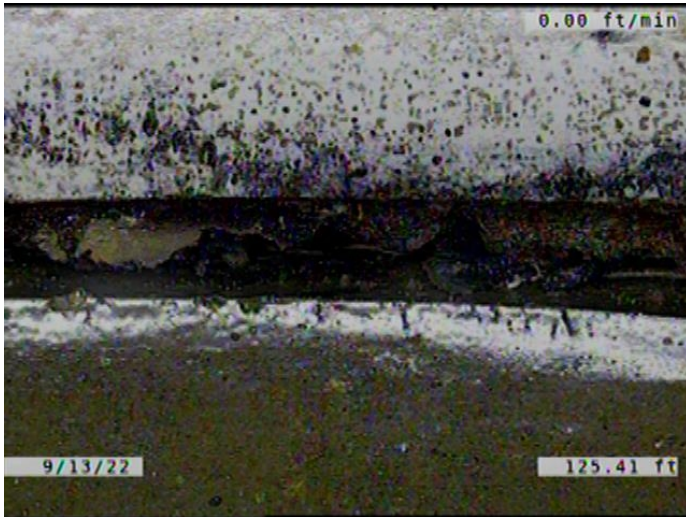
Distance (ft): **97.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S05**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **116.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **NO**  
 Remarks:

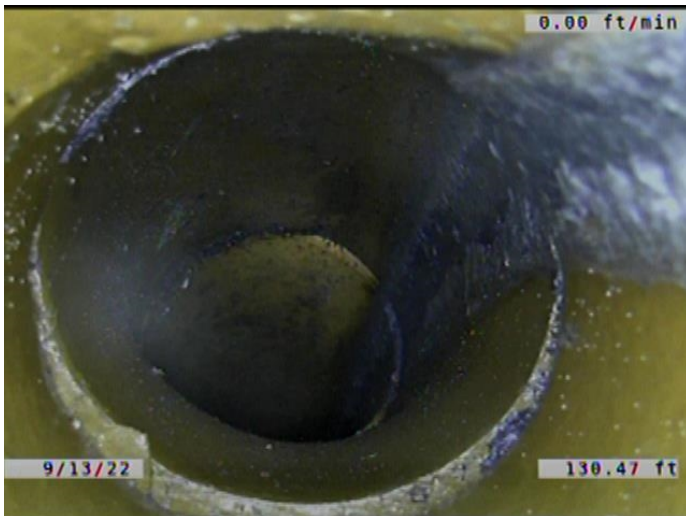




Code: **ISJ**  
 Description: **Infiltration Stain Joint**

Distance (ft): **125.4**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

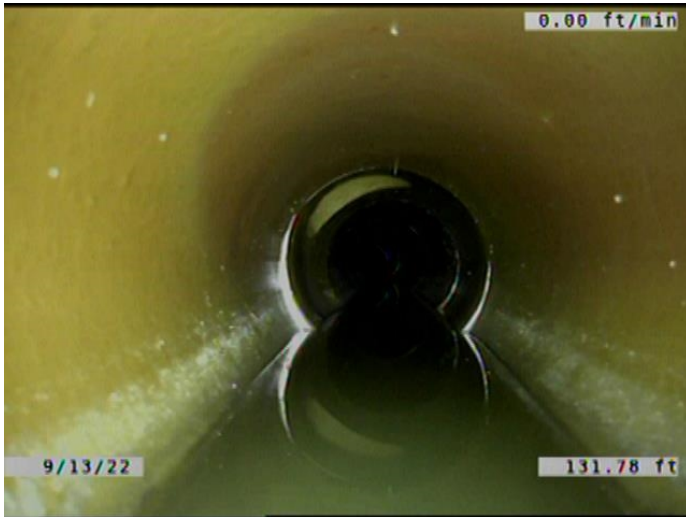
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Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **130.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

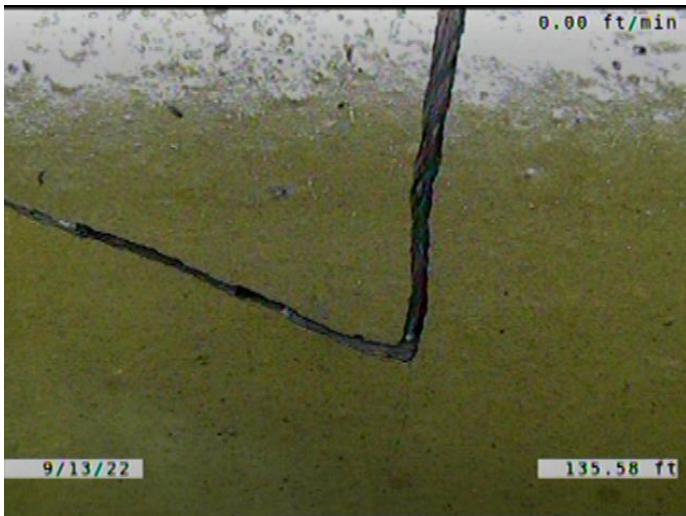
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **131.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S06**  
Within 8" of Joint: **NO**  
Remarks:

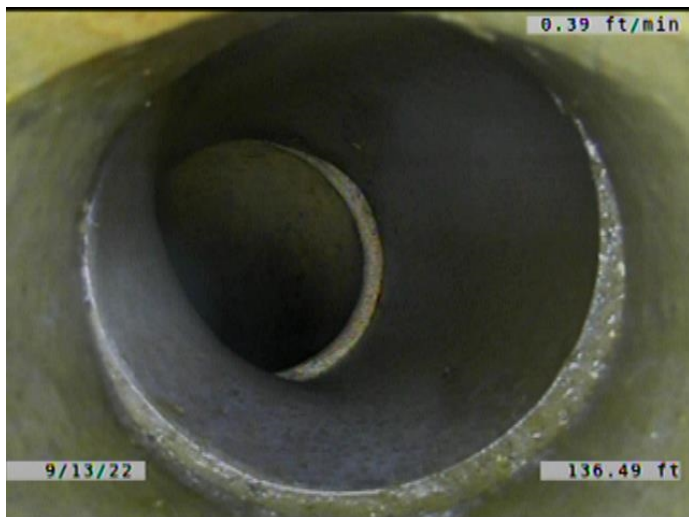
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Code: **B**  
Description: **Broken**

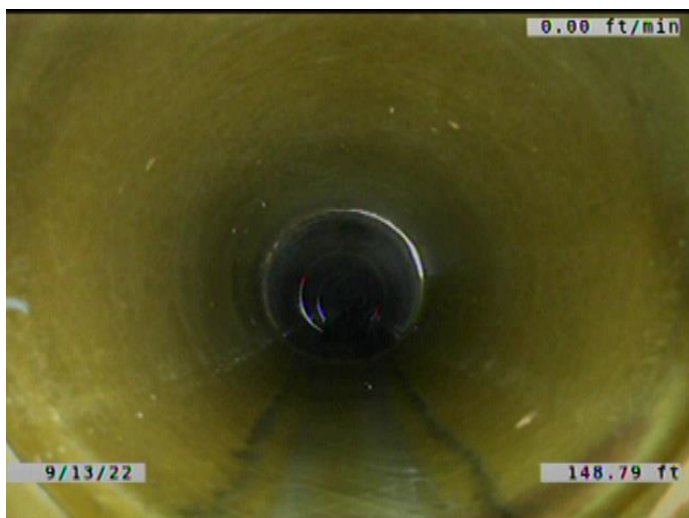
Distance (ft): **135.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **136.5**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **11**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

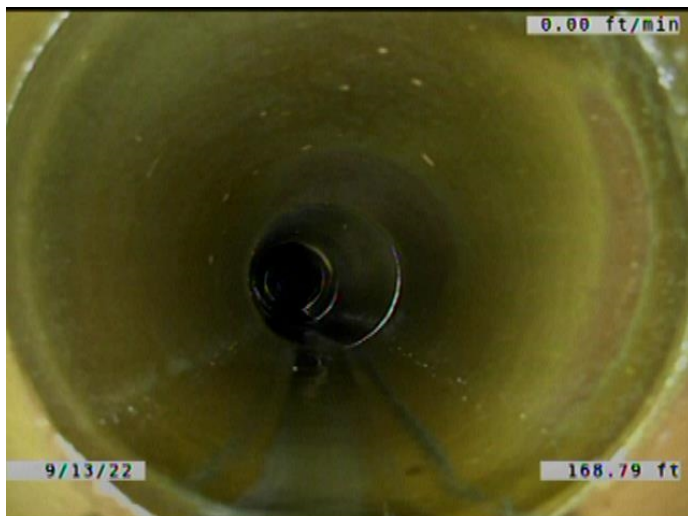
Distance (ft): **148.8**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index: **F06**  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **157.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S07**  
Within 8" of Joint: **NO**  
Remarks:

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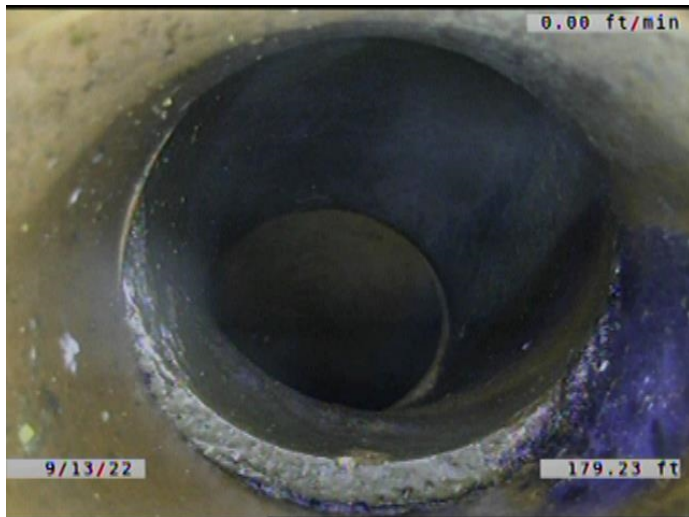


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **168.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F07**  
Within 8" of Joint: **NO**  
Remarks:

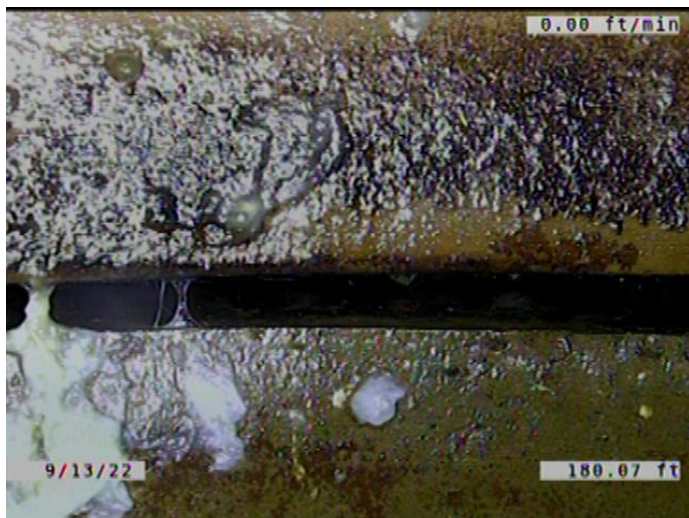
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Code: **TF**  
 Description: **Tap Factory**

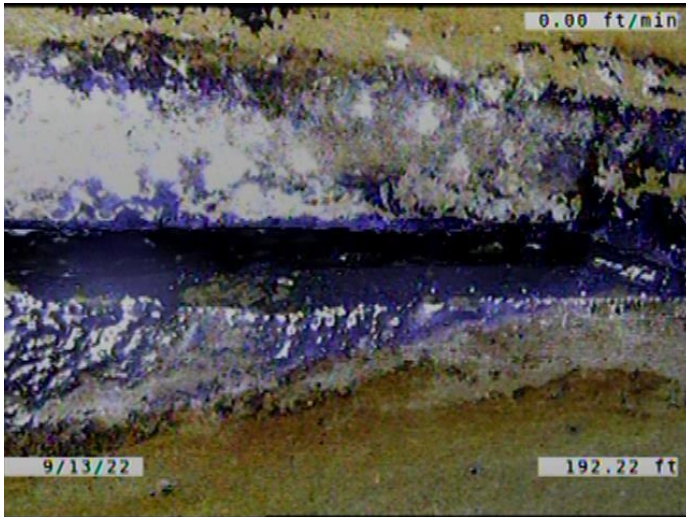
Distance (ft): **179.2**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **SERVICE OFFSET.**



Code: **ISJ**  
 Description: **Infiltration Stain Joint**

Distance (ft): **180.1**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:





Code: **ISJ**  
 Description: **Infiltration Stain Joint**

Distance (ft): **192.2**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **193.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **193.7**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **4**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **F05**  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **196.1**  
 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-805-015**