

# Profile/Photo Observation Report



Date:	02/16/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	170.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-606-066-065
Customer:	City of Hobart	Clean Date:	12/08/2023	Shape:	C

Street:	S PENNSLYVANIA ST	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Other	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:	DRIVE WAY	Direction of Survey:	Downstream
US MH:	M-606-065	DS MH:	M-606-066
		Total Length Surveyed (ft):	168.0

O&M Index:	2.26	O&M Quick:	4237	O&M Rating:	95.00
Structural Index:	2.05	Structural Quick:	312B	Structural Rating:	39.00
Overall Index:	2.20	Overall Quick:	4238	Overall Rating:	134.00

Position	Code	Observation	Video (sec)	Grade
M-606-065				
.0	AMH	Manhole	0	NA
.0	MWL	Miscellaneous Water Level	83	NA
.1	MWLS(S01)	Miscellaneous Water Level Sag	92	S 2
5.6	IRL	Infiltration Runner Lateral	169	M 4
5.6	TFD	Tap Factory Defective	192	M 3
9.2	RPR(S02)	Point Repair Replacement	266	NA
10.1	MGO	Miscellaneous General Observation	325	NA
10.4	TF	Tap Factory	346	NA
12.2	RPR(F02)	Point Repair Replacement	418	NA
12.2	CM	Crack Multiple	450	S 3
12.2	DAE	Deposits Attached Encrustation	462	M 2
14.4	IWJ	Infiltration Weeper Joint	518	M 2
14.4	DAE	Deposits Attached Encrustation	558	M 2
15.4	TFD	Tap Factory Defective	585	M 3
15.4	MWLS(F01)	Miscellaneous Water Level Sag	611	S 2
16.7	MWLS(S03)	Miscellaneous Water Level Sag	627	S 2
20.5	DAE(S04)	Deposits Attached Encrustation	693	M 2
27.4	MWLS(F03)	Miscellaneous Water Level Sag	773	S 2
32.1	MWLS(S05)	Miscellaneous Water Level Sag	804	S 2

Friday, April 26, 2024

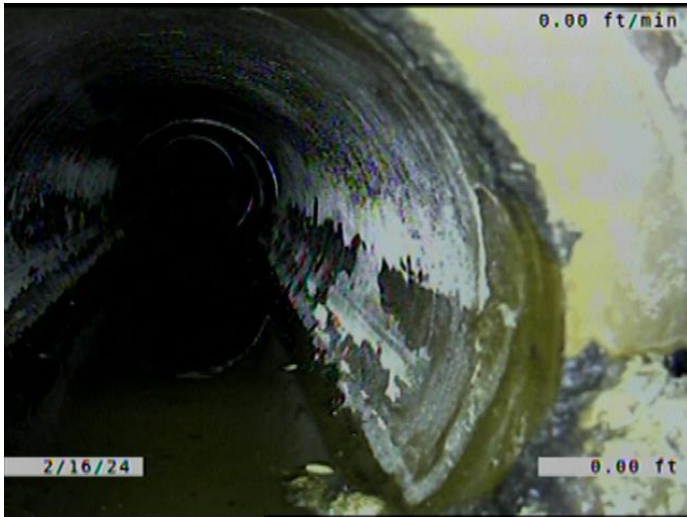
34.0	OBM	Obstruction Pipe Material in Invert	840	M 2
44.0	MWLS(F05)	Miscellaneous Water Level Sag	898	S 2
48.1	CL	Crack Longitudinal	977	S 2
57.5	MWLS(S06)	Miscellaneous Water Level Sag	1073	S 2
64.8	IDJ	Infiltration Dripper Joint	1122	M 3
64.8	IRJ	Infiltration Runner Joint	1170	M 4
69.6	MWLS(F06)	Miscellaneous Water Level Sag	1268	S 2
70.0	TFD	Tap Factory Defective	1314	M 3
88.4	TFD	Tap Factory Defective	1418	M 3
89.8	MWLS(S07)	Miscellaneous Water Level Sag	1449	S 2
109.3	MWLS(F07)	Miscellaneous Water Level Sag	1527	S 2
114.6	MWLS(S08)	Miscellaneous Water Level Sag	1565	S 2
118.5	TFD	Tap Factory Defective	1604	M 3
122.5	MWLS(F08)	Miscellaneous Water Level Sag	1654	S 2
156.8	TFD	Tap Factory Defective	1804	M 3
158.9	MWLS(S09)	Miscellaneous Water Level Sag	1836	S 2
165.5	DAE(F04)	Deposits Attached Encrustation	1875	M 2
167.5	MWLS(F09)	Miscellaneous Water Level Sag	1905	S 2
168.0	AMH	Manhole	1992	NA

**M-606-066**



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

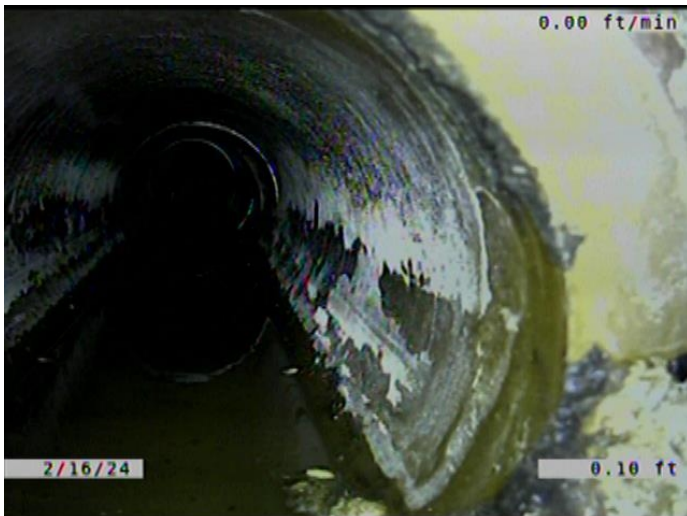
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **M-606-065**



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:

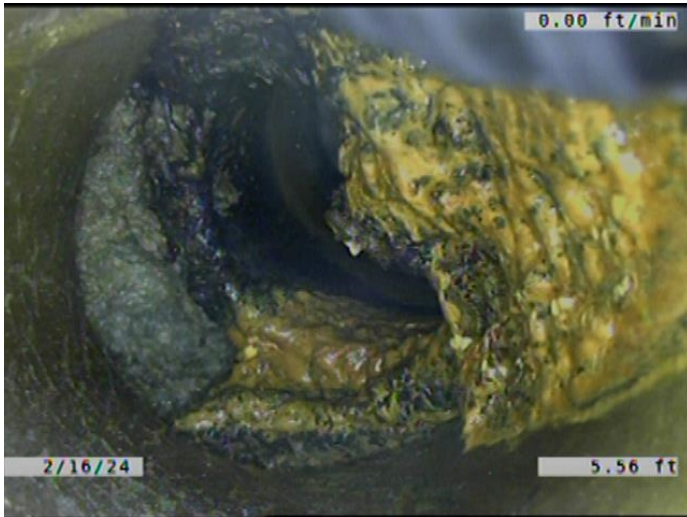
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

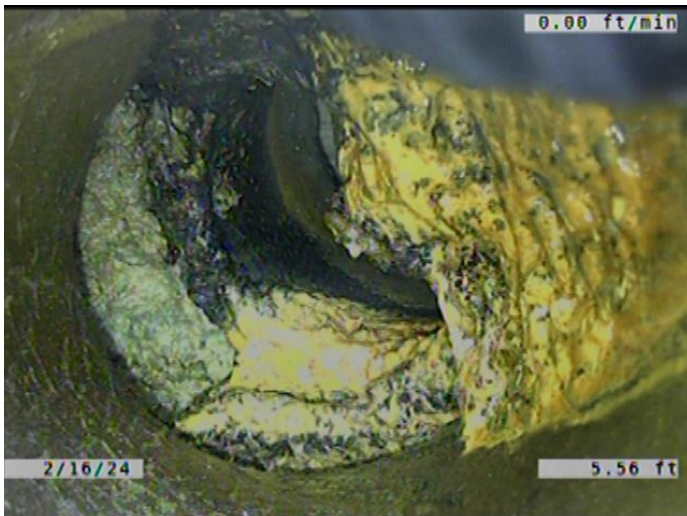
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Code: **IRL**  
Description: **Infiltration Runner Lateral**

Distance (ft): **5.6**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SERVICE HAS DROPPED.  
INFILTRATION COMING IN FROM TH**

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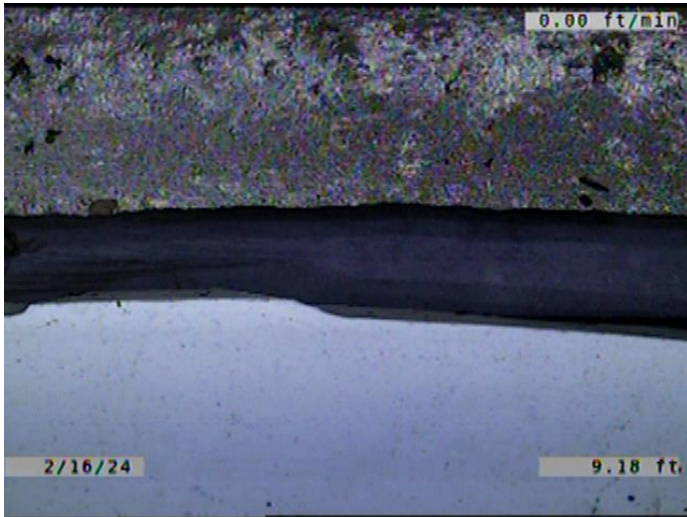


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **5.6**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SERVICE HAS  
DROPPED. ENCRUSTATION COMING**

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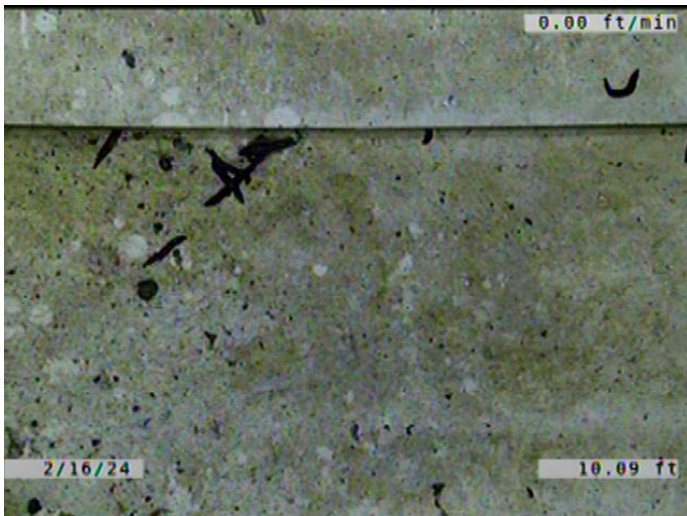




Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **9.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

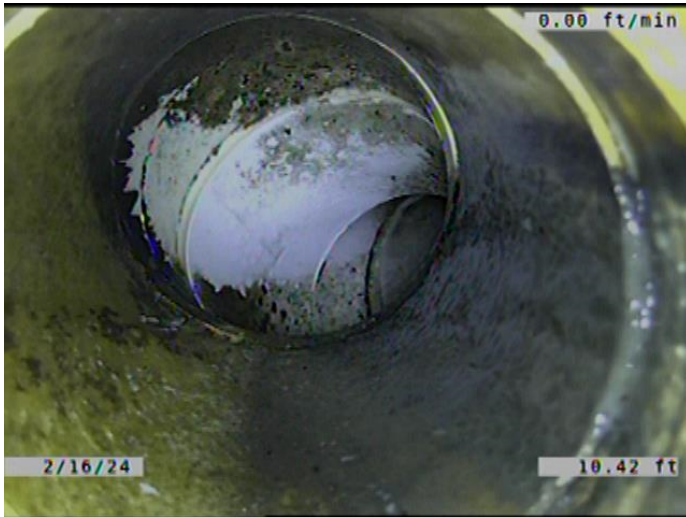
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Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance (ft): **10.1**  
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: **JOINT/ PIPES NOT PUSHED ALL THE WAY TOGETHER WHEN INSTALLED**

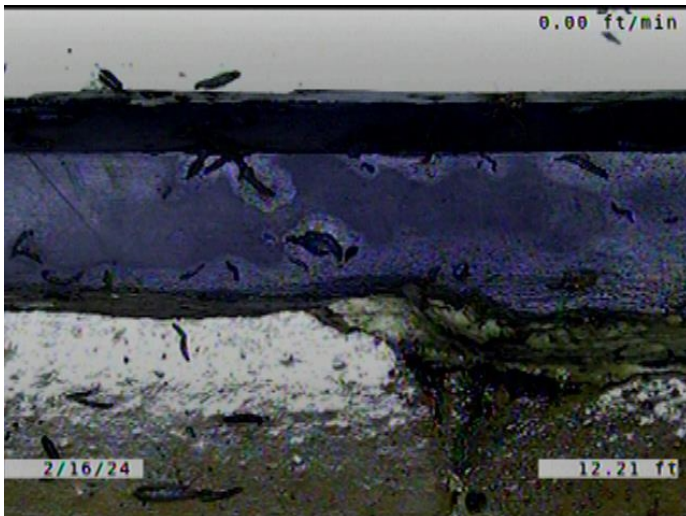
---



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

Distance (ft): **10.4**  
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:

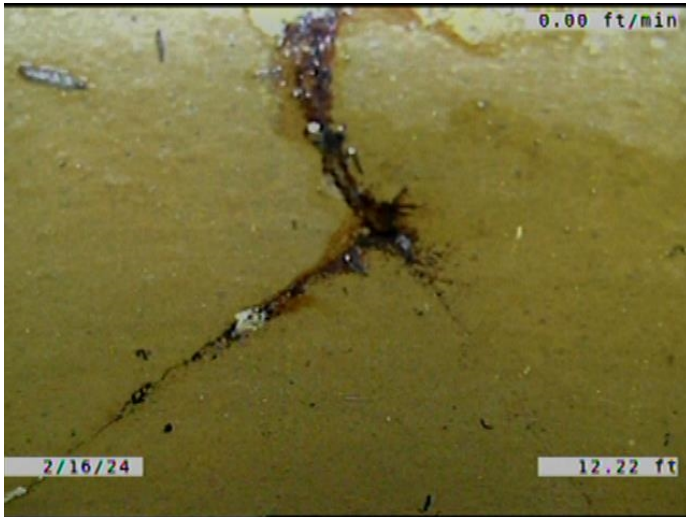
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Code: **RPR**  
Description: **Point Repair Replacement**

Distance (ft): **12.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks: **REPLACED WITH PVC.**

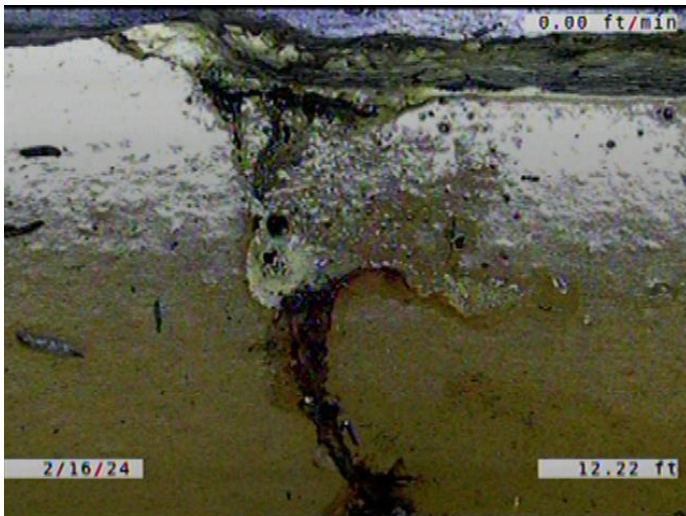
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Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **12.2**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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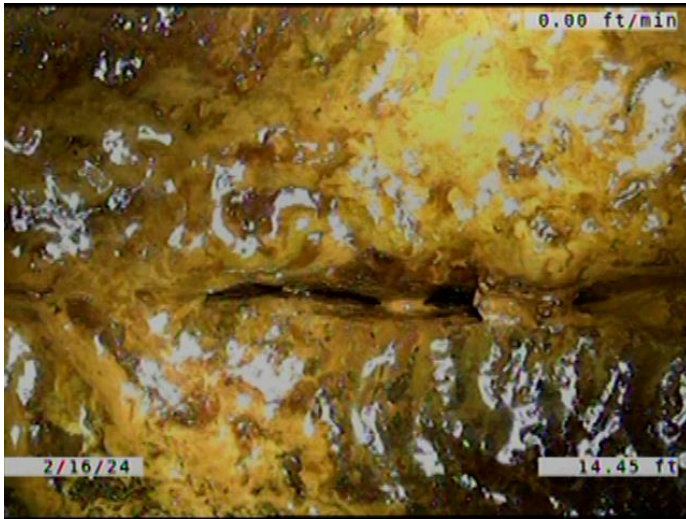


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **12.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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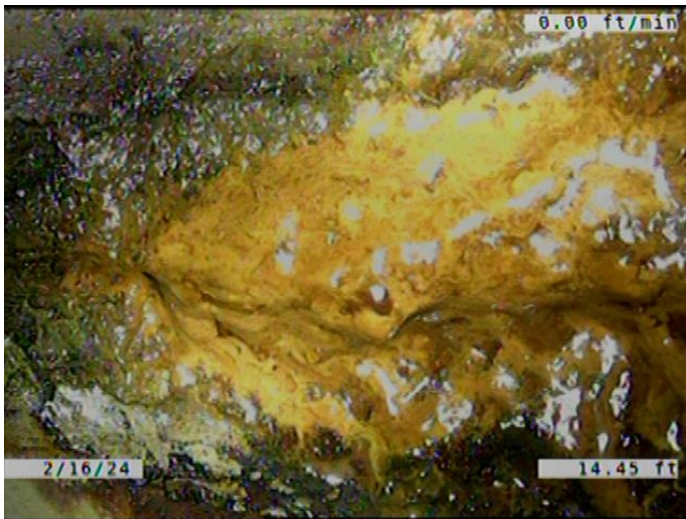




Code: **IWJ**  
Description: **Infiltration Weeper Joint**

Distance (ft): **14.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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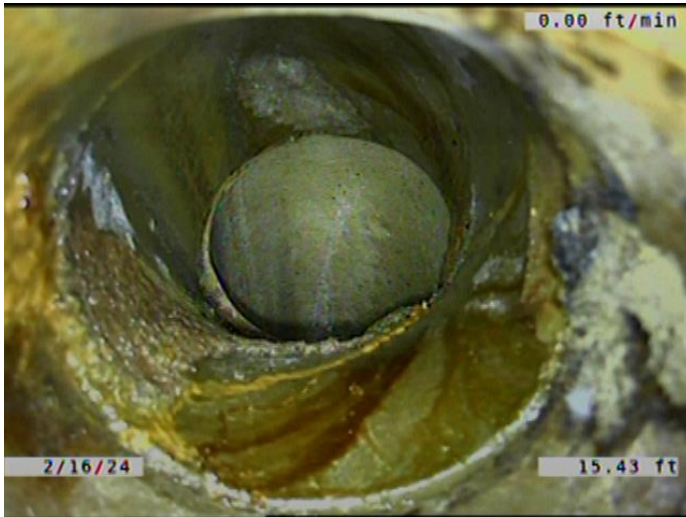


Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **14.4**  
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:

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Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>15.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>11</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION INT</b>

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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>15.4</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	<b>F01</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

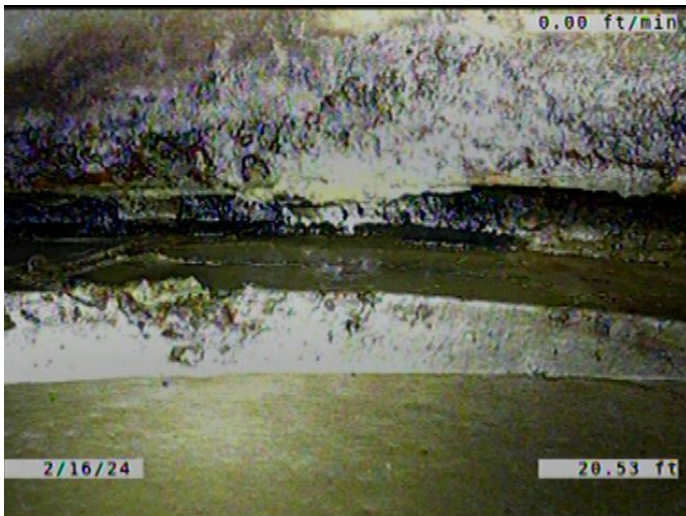
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **16.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **20.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S04**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **27.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F03**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **32.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S05**  
Within 8" of Joint: **NO**  
Remarks:

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Code:	<b>OBM</b>
Description:	<b>Obstruction Pipe Material in Invert</b>
Distance (ft):	<b>34.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>5</b>
Clock To:	<b>7</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

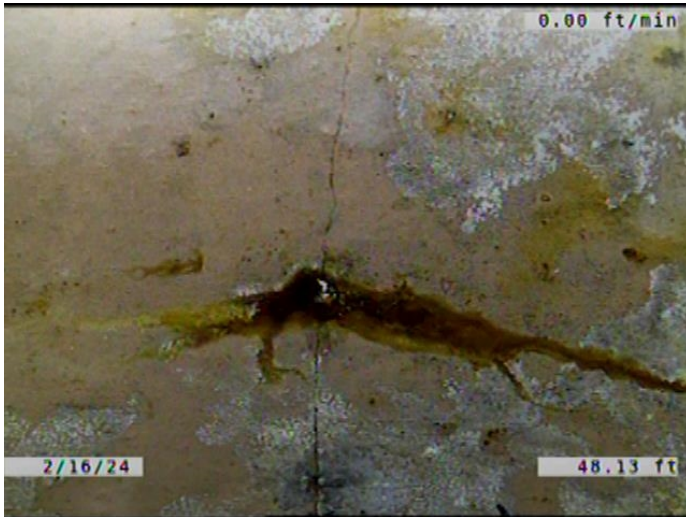
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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>44.0</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	<b>F05</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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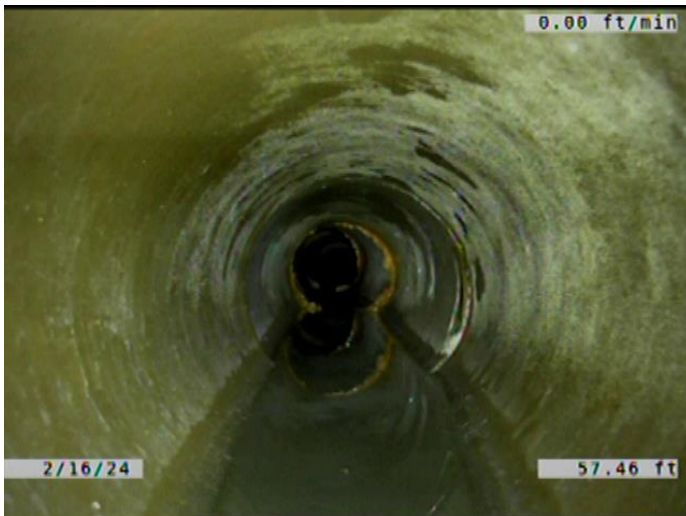




Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **48.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

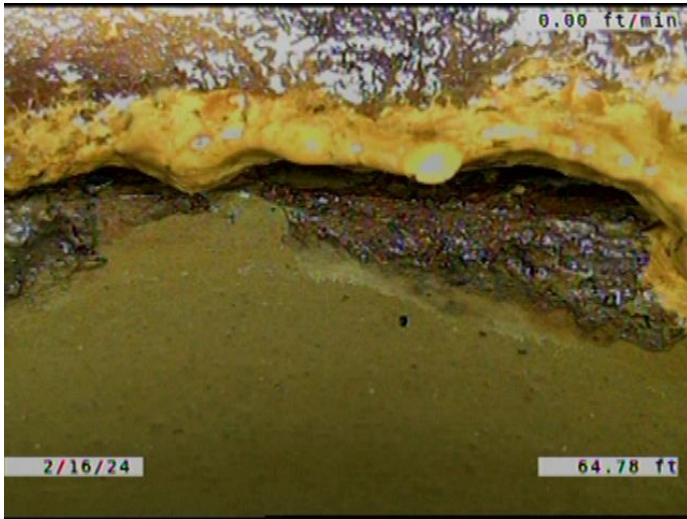
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **57.5**  
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:

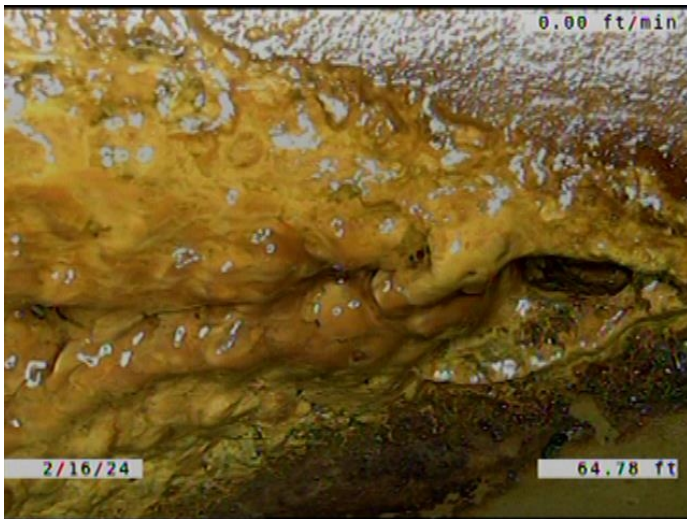
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Code: **IDJ**  
Description: **Infiltration Dripper Joint**

Distance (ft): **64.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IRJ**  
Description: **Infiltration Runner Joint**

Distance (ft): **64.8**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

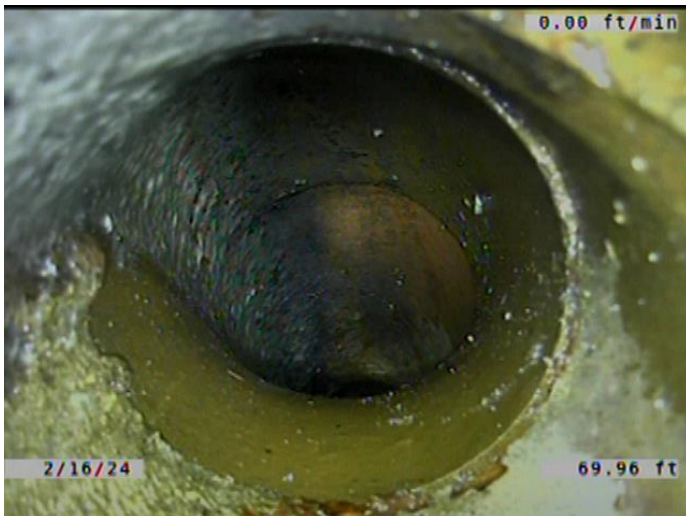
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **69.6**  
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:

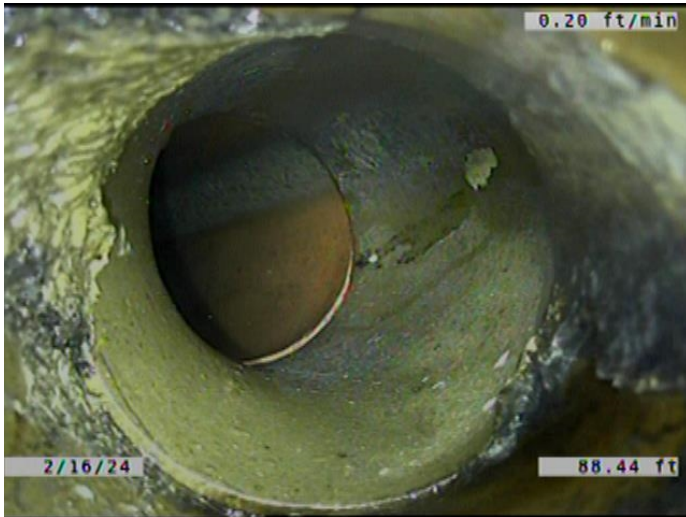
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Code: **TFD**  
Description: **Tap Factory Defective**

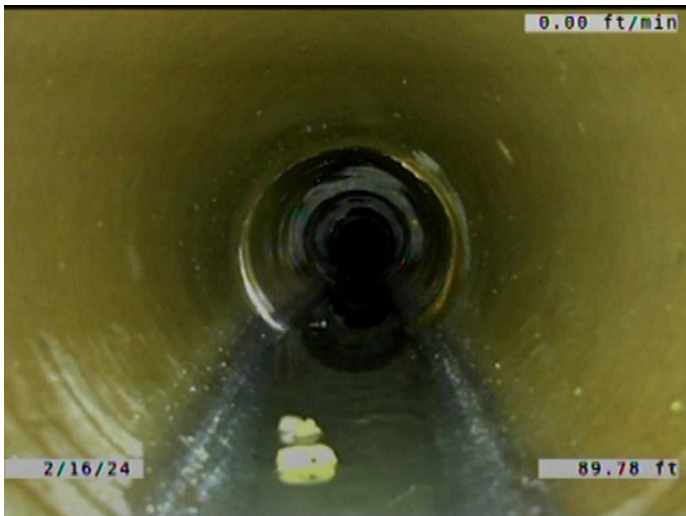
Distance (ft): **70.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **ENCrustation COMING FROM THE SERVICE TO MAIN CONNECTION AN**

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Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>88.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</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>ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION INT</b>

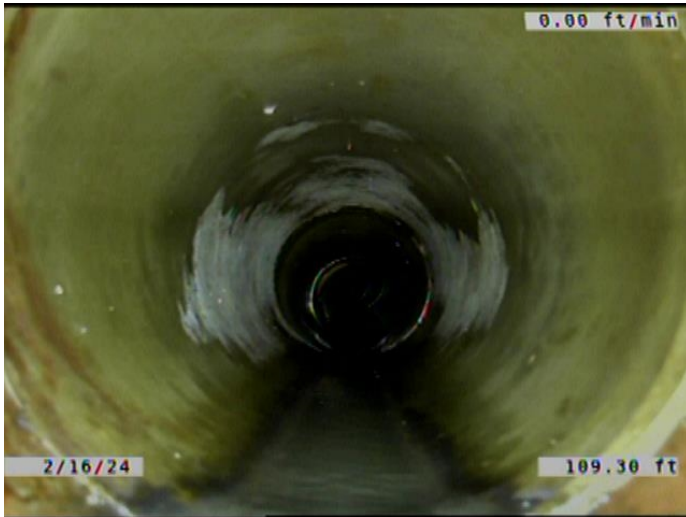
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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>89.8</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S07</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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

Distance (ft): **109.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F07**  
Within 8" of Joint: **NO**  
Remarks:

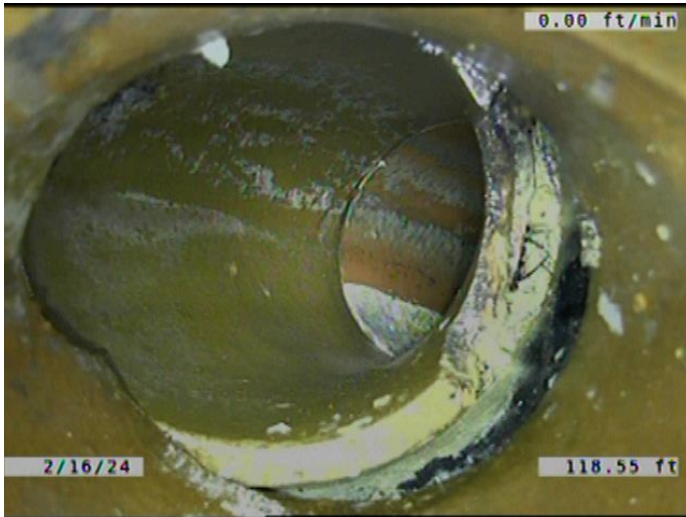
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **114.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S08**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **118.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **TAP BROKEN. SERVICE HAS DROPPED. SOIL VISIBLE. CONSTANTL**

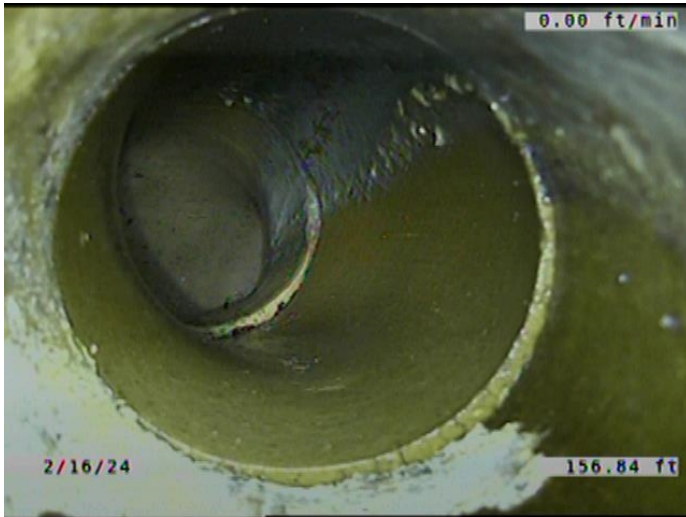
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **122.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F08**  
Within 8" of Joint: **NO**  
Remarks:

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Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	156.8
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	1
Clock To:	
1st Value:	6.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	ENCrustATION COMING FROM THE SERVICE TO MAIN CONNECTION INT

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Code:	MWLS
Description:	Miscellaneous Water Level Sag
Distance (ft):	158.9
Structural Grade:	2
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	15.000
Continuous Index:	S09
Within 8" of Joint:	NO
Remarks:	

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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **165.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F04**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **167.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F09**  
Within 8" of Joint: **NO**  
Remarks:

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Code:	AMH
Description:	Manhole
Distance (ft):	168.0
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-606-066