

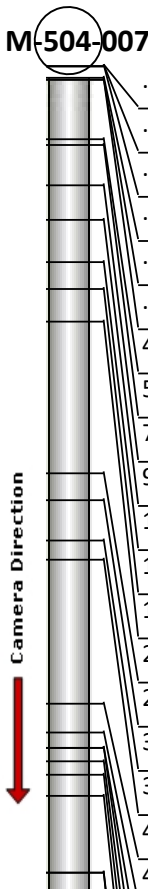
# Profile/Photo Observation Report



Date:	02/14/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	189.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-504-008-007
Customer:	City of Hobart	Clean Date:	10/08/2022	Shape:	C

Street:	N CALIFORNIA ST	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Local rural streets with light traffic, t	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-504-007	DS MH:	M-504-008
		Total Length Surveyed (ft):	189.9

O&M Index:	2.06	O&M Quick:	4439	O&M Rating:	208.00
Structural Index:	2.78	Structural Quick:	514A	Structural Rating:	125.00
Overall Index:	2.28	Overall Quick:	514B	Overall Rating:	333.00

Position	Code	Observation	Video (sec)	Grade
				
.0	AMH	Manhole	0	NA
.0	MWL	Miscellaneous Water Level	77	NA
.0	DSF(S01)	Deposits Settled Fine	85	M 2
.7	MWLS(S02)	Miscellaneous Water Level Sag	106	S 2
.8	CC	Crack Circumferential	153	S 1
.8	JAM	Joint Angular Medium	168	S 3
4.6	CL	Crack Longitudinal	216	S 2
5.0	JAM	Joint Angular Medium	259	S 3
7.5	DAE(S03)	Deposits Attached Encrustation	317	M 2
9.7	MWLS(F02)	Miscellaneous Water Level Sag	351	S 2
12.4	LD	Line Down	387	M 1
14.1	MWLS(S04)	Miscellaneous Water Level Sag	456	S 2
16.2	TFD	Tap Factory Defective	494	M 3
25.7	CM(S05)	Crack Multiple	625	S 3
27.4	MWLS(F04)	Miscellaneous Water Level Sag	648	S 2
30.0	LD	Line Down	672	M 1
31.2	MWLS(S06)	Miscellaneous Water Level Sag	691	S 2
40.3	MWLS(F06)	Miscellaneous Water Level Sag	845	S 2
42.1	TFD	Tap Factory Defective	892	M 3

43.1	CM(F05)	Crack Multiple	921	S 3
43.1	B(S07)	Broken	930	S 4
44.0	IRJ	Infiltration Runner Joint	990	M 4
44.8	TFD	Tap Factory Defective	1031	M 3
46.1	MWLS(S08)	Miscellaneous Water Level Sag	1062	S 4
51.0	MCU(S09)	Miscellaneous Camera Underwater	1114	M 4
51.0	B(F07)	Broken	1115	S 4
57.4	MCU(F09)	Miscellaneous Camera Underwater	1160	M 4
62.0	RFJ(S10)	Roots Fine Joint	1256	M 1
71.1	MWLS(F08)	Miscellaneous Water Level Sag	1324	S 4
71.1	RFJ(F10)	Roots Fine Joint	1334	M 1
74.4	MWLS(S11)	Miscellaneous Water Level Sag	1361	S 2
77.6	TFD	Tap Factory Defective	1398	M 3
82.2	FM	Fracture Multiple	1484	S 4
84.9	FM	Fracture Multiple	1548	S 4
85.7	TFD	Tap Factory Defective	1611	M 3
99.3	MWLS(F11)	Miscellaneous Water Level Sag	1724	S 2
100.4	JAM	Joint Angular Medium	1767	S 3
102.5	LD	Line Down	1794	M 1
103.1	MWLS(S12)	Miscellaneous Water Level Sag	1807	S 2
115.4	MWLS(F12)	Miscellaneous Water Level Sag	1877	S 2
122.1	TFD	Tap Factory Defective	1925	M 3
123.8	RFJ(S13)	Roots Fine Joint	1992	M 1
123.8	FM(S14)	Fracture Multiple	2032	S 4
124.0	RFB	Roots Fine Barrel	2043	M 2
124.7	RFC	Roots Fine Connection	2079	M 1
124.7	TFD	Tap Factory Defective	2116	M 3
124.7	MWLS(S15)	Miscellaneous Water Level Sag	2183	S 2
137.9	RFB	Roots Fine Barrel	2370	M 2
137.9	FM(F14)	Fracture Multiple	2383	S 4
143.3	B	Broken	2427	S 4
146.2	MWLS(F15)	Miscellaneous Water Level Sag	2465	S 2
146.3	RFB(S17)	Roots Fine Barrel	2480	M 2
149.6	RFB(F17)	Roots Fine Barrel	2532	M 2
149.6	RFJ(F13)	Roots Fine Joint	2540	M 1
154.6	MWLS(S18)	Miscellaneous Water Level Sag	2578	S 2
162.7	SMW	Surface Damage Missing Wall	2628	S 5
163.3	TFD	Tap Factory Defective	2683	M 3
165.5	IRB(S19)	Infiltration Runner Barrel	2754	M 4
166.7	MWLS(F18)	Miscellaneous Water Level Sag	2773	S 2
168.6	TFD	Tap Factory Defective	2839	M 3
171.6	MWLS(S20)	Miscellaneous Water Level Sag	2914	S 2

175.3	IRB(F19)	Infiltration Runner Barrel	2943	M 4
180.6	CM(S21)	Crack Multiple	3031	S 3
180.7	MWLS(F20)	Miscellaneous Water Level Sag	3051	S 2
187.7	CM(F21)	Crack Multiple	3097	S 3
187.7	DSF(F01)	Deposits Settled Fine	3105	M 2
187.7	DAE(F03)	Deposits Attached Encrustation	3113	M 2
189.9	AMH	Manhole	3203	NA

**M-504-008**



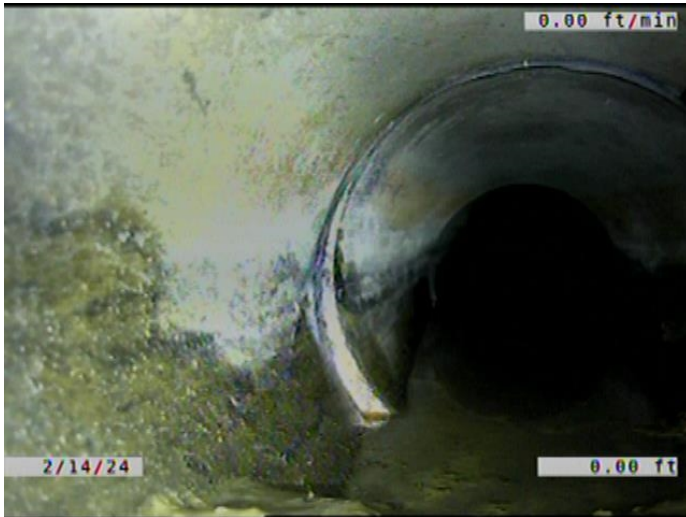
Code: **AMH**  
Description: **Manhole**

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-504-007**



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): **.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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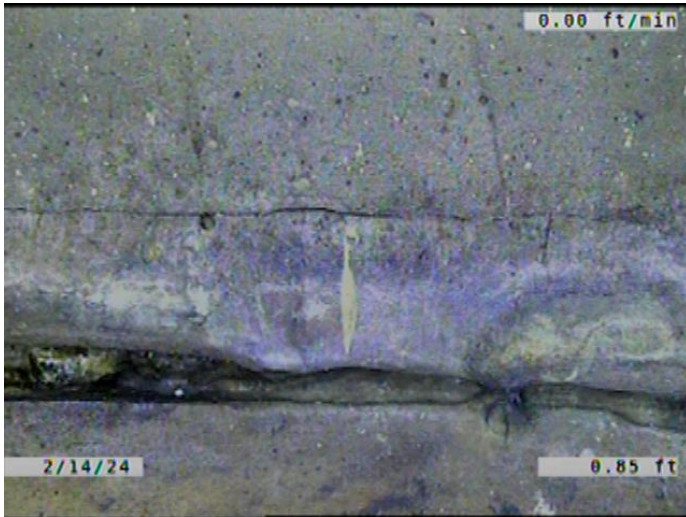


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **CC**  
Description: **Crack Circumferential**

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

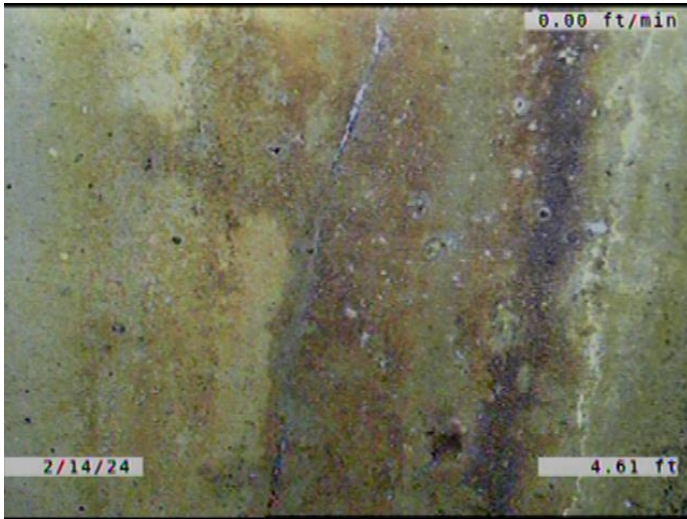
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Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

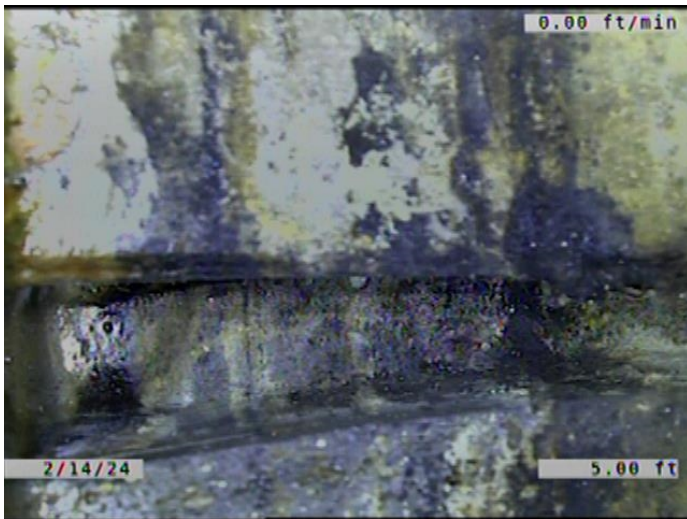
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Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **4.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **5.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

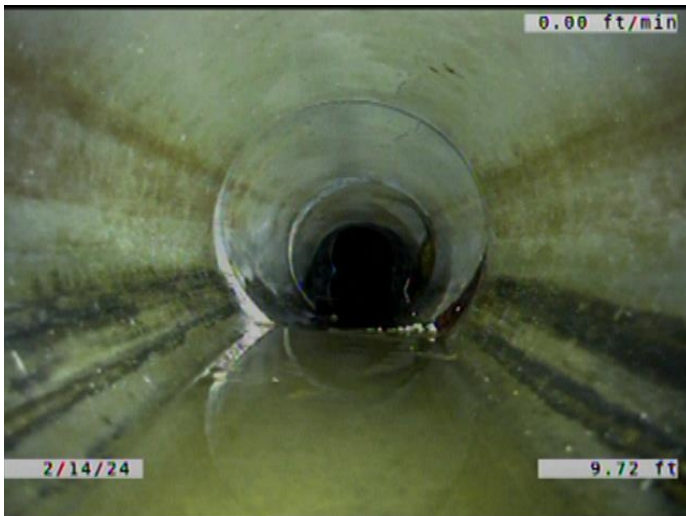
---



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

Distance (ft): **7.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S03**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **9.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **LD**  
Description: **Line Down**

Distance (ft): **12.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

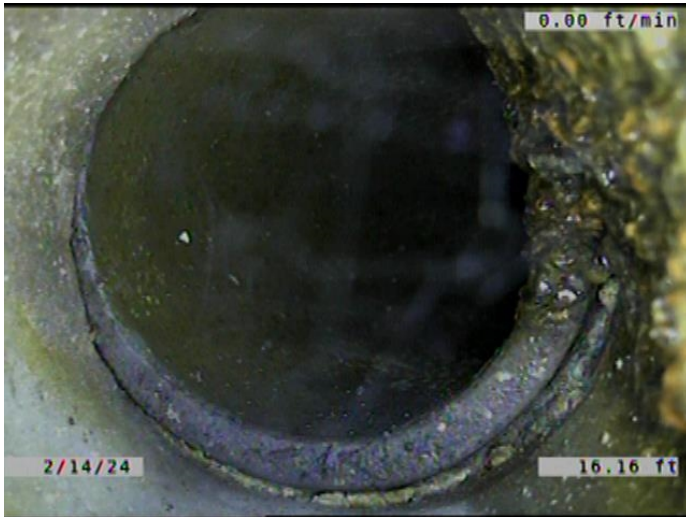
---



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

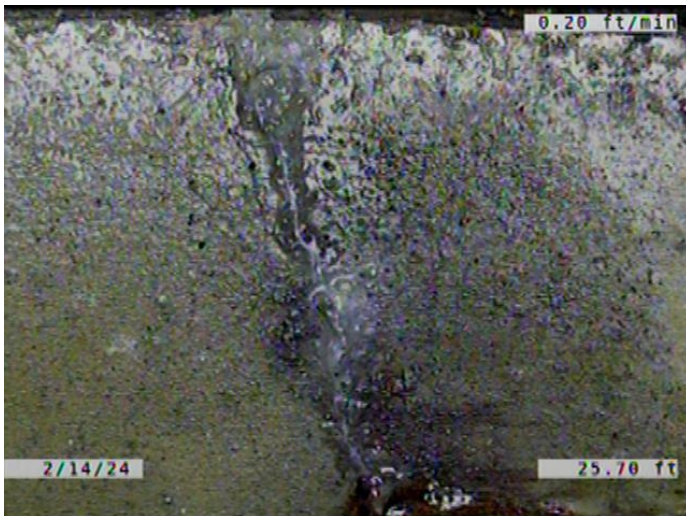
Distance (ft): **14.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

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Code:	TFD
Description:	Tap Factory Defective
Distance (ft):	16.2
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:	CONSTANTLY RUNNING WATER. ENCRUSTATION COMING DOWN THE

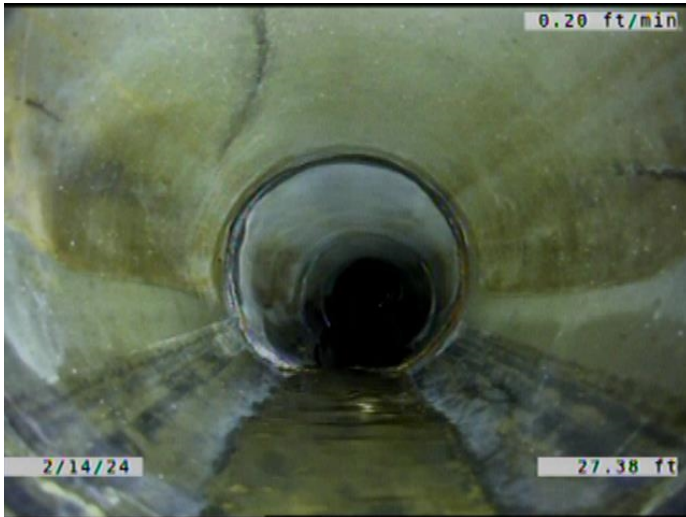
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Code:	CM
Description:	Crack Multiple
Distance (ft):	25.7
Structural Grade:	3
O&M Grade:	0
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	S05
Within 8" of Joint:	YES
Remarks:	

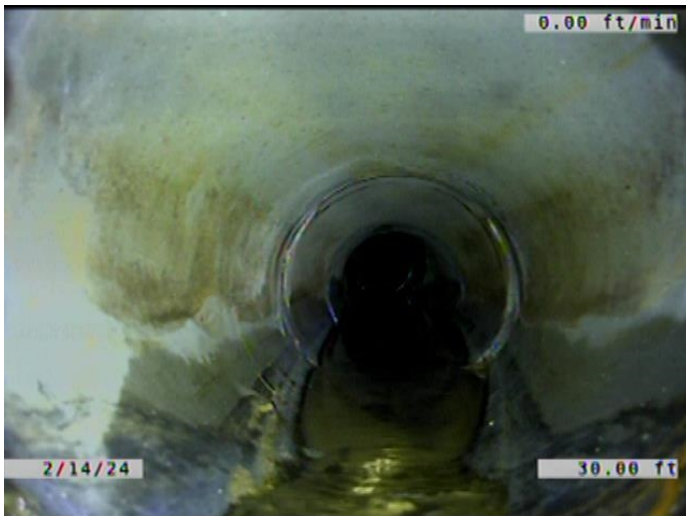
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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>27.4</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>15.000</b>
Continuous Index:	<b>F04</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>LD</b>
Description:	<b>Line Down</b>
Distance (ft):	<b>30.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

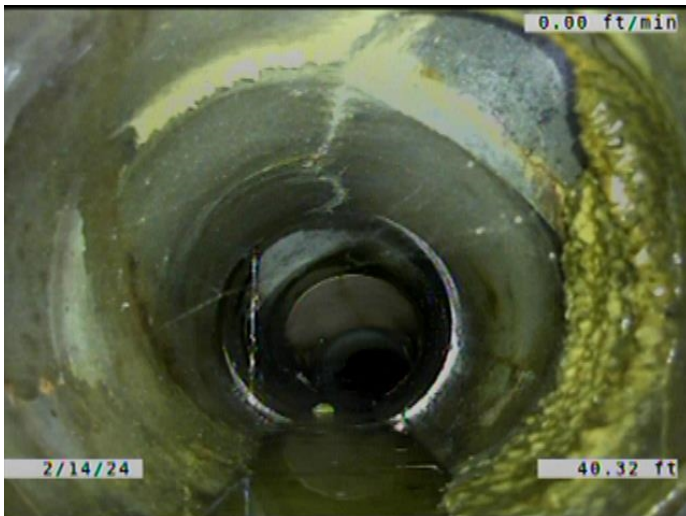
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **31.2**  
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: **MWLS**  
Description: **Miscellaneous Water Level Sag**

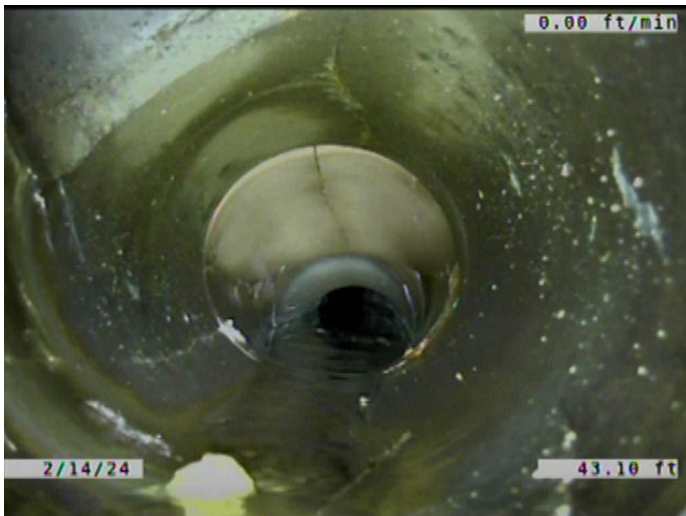
Distance (ft): **40.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

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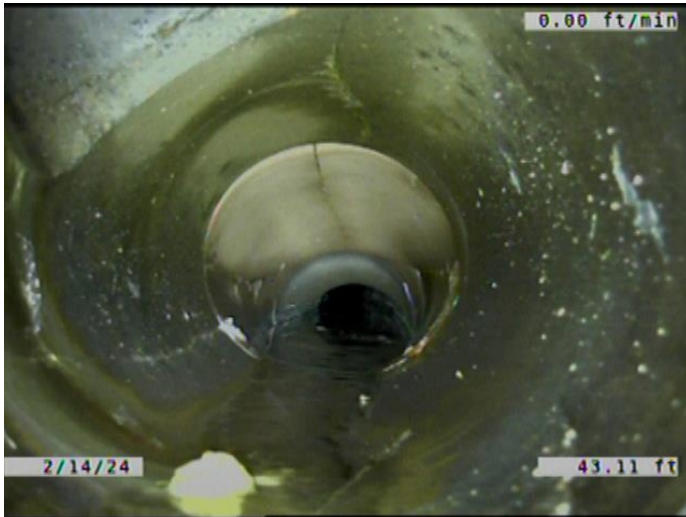
Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>42.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>TAP BROKEN. SOIL VISIBLE. SERVICE OFFSET. ENCRUSTATION COMING D</b>

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Code:	<b>CM</b>
Description:	<b>Crack Multiple</b>
Distance (ft):	<b>43.1</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>F05</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

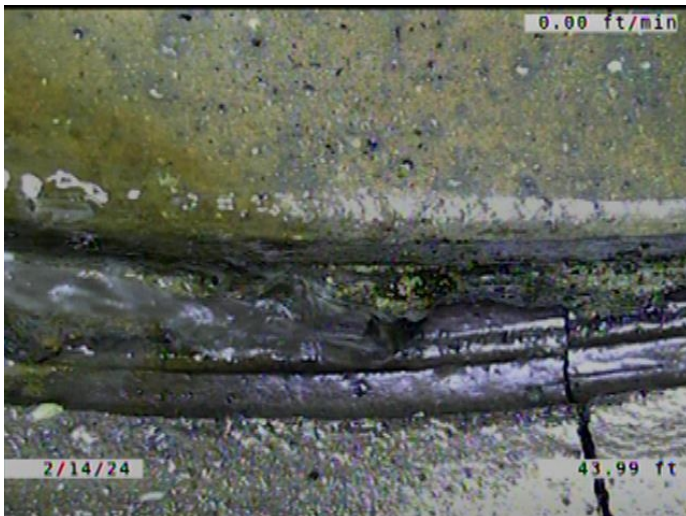
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Code: **B**  
Description: **Broken**

Distance (ft): **43.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S07**  
Within 8" of Joint: **YES**  
Remarks:

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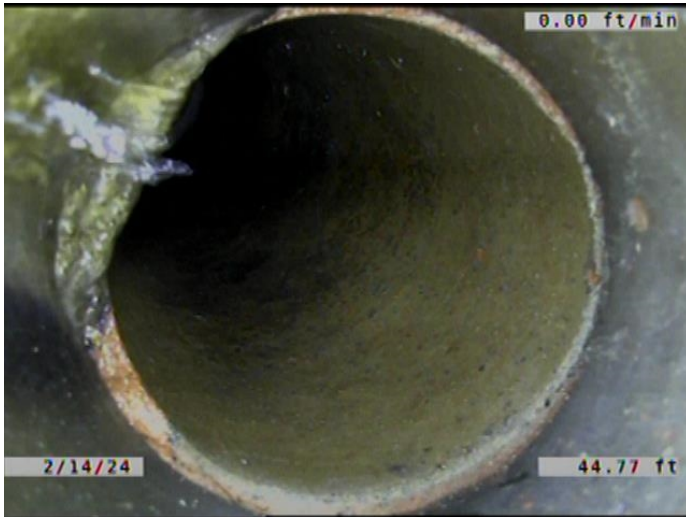


Code: **IRJ**  
Description: **Infiltration Runner Joint**

Distance (ft): **44.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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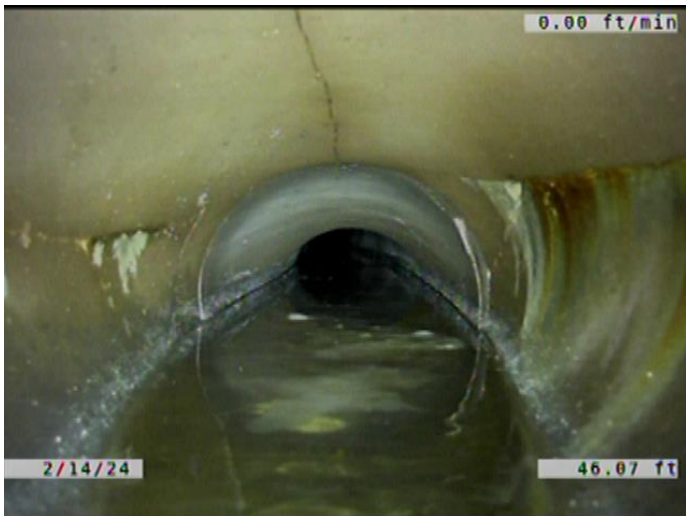




Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **44.8**  
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. CONSTANTLY  
RUNNING WATER.**

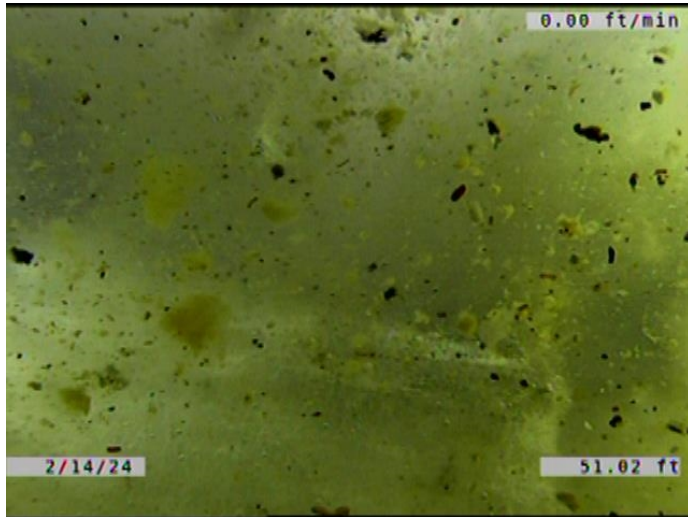


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **46.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **55.000**

Continuous Index: **S08**  
Within 8" of Joint: **NO**  
Remarks:





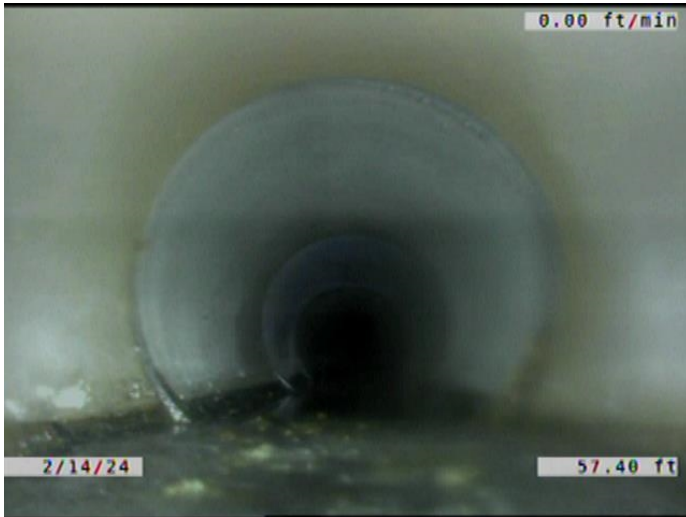
Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>51.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S09</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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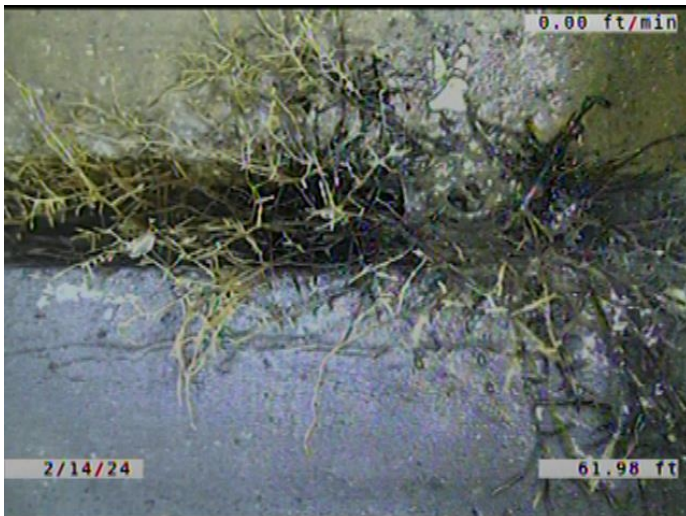
Code:	<b>B</b>
Description:	<b>Broken</b>
Distance (ft):	<b>51.0</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>12</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>F07</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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Code:	<b>MCU</b>
Description:	<b>Miscellaneous Camera Underwater</b>
Distance (ft):	<b>57.4</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>F09</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>62.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S10</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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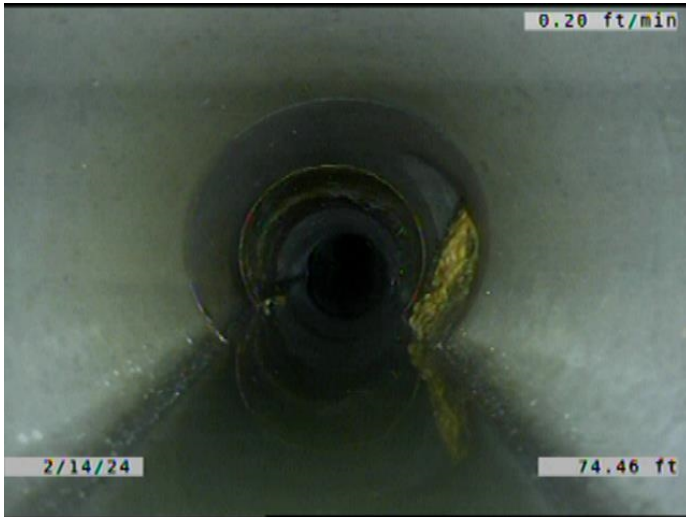
Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>71.1</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>55.000</b>
Continuous Index:	<b>F08</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>71.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>F10</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

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

Distance (ft): **74.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index: **S11**  
Within 8" of Joint: **NO**  
Remarks:

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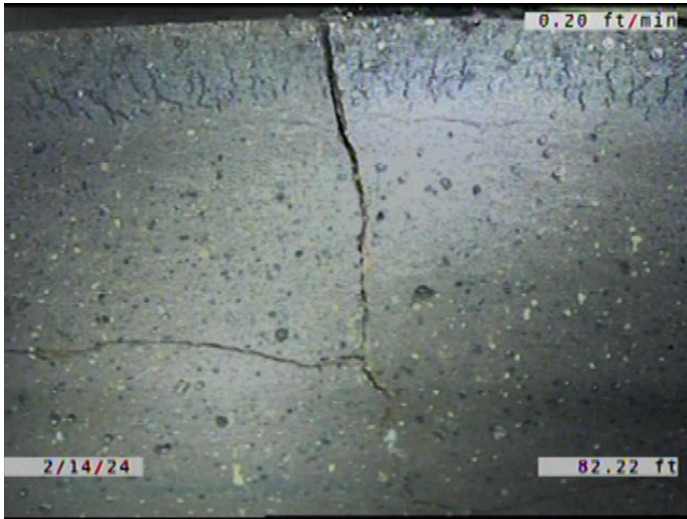


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **77.6**  
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: **TAP 80% PLUGGED WITH ENCRUSTATION. ENCRUSTATION CO**

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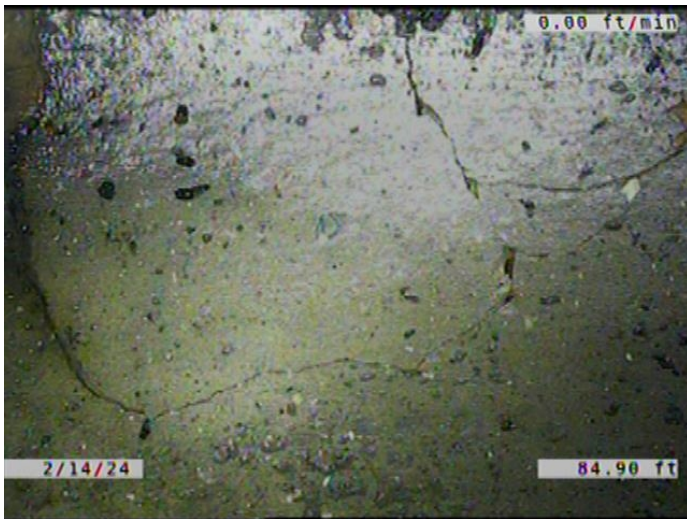




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **82.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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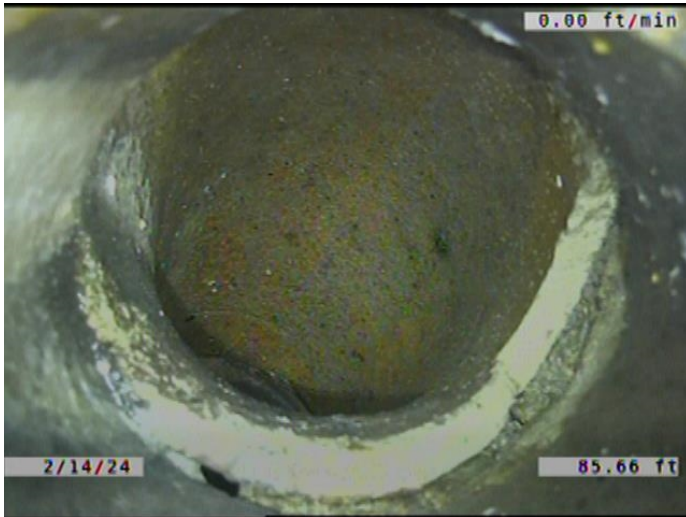


Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **84.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---





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

Distance (ft): **85.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **TAP BROKEN. SERVICE OFFSET WITH VOID AND SOIL VISIBLE.**

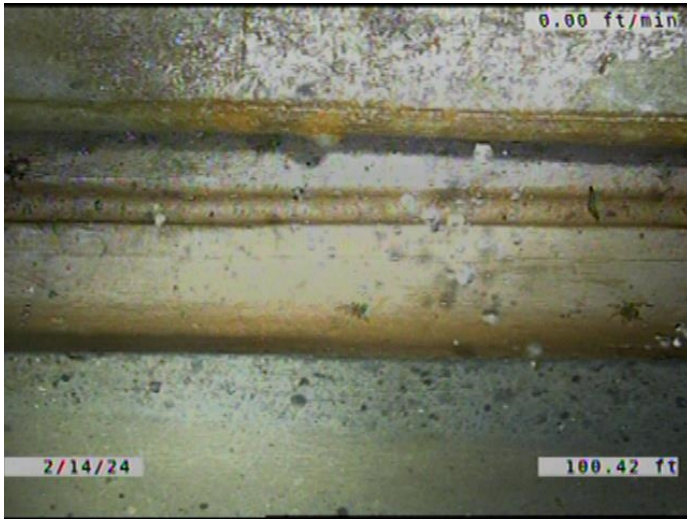
---



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

Distance (ft): **99.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **30.000**  
Continuous Index: **F11**  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **100.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **LD**  
Description: **Line Down**

Distance (ft): **102.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

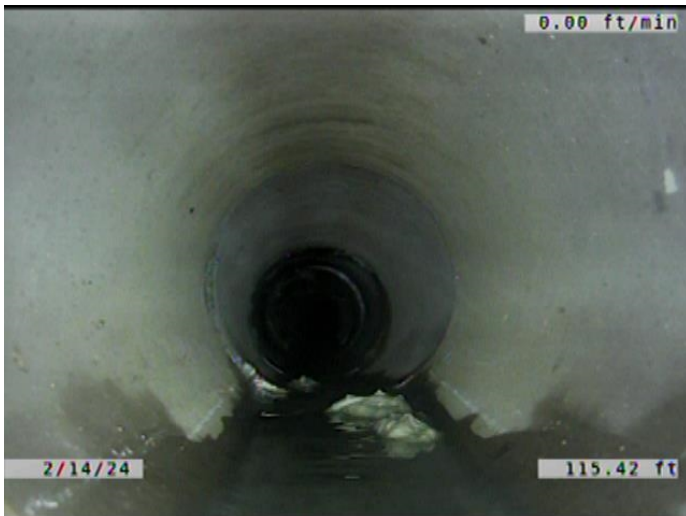
---



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

Distance (ft): **103.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index: **S12**  
Within 8" of Joint: **NO**  
Remarks:

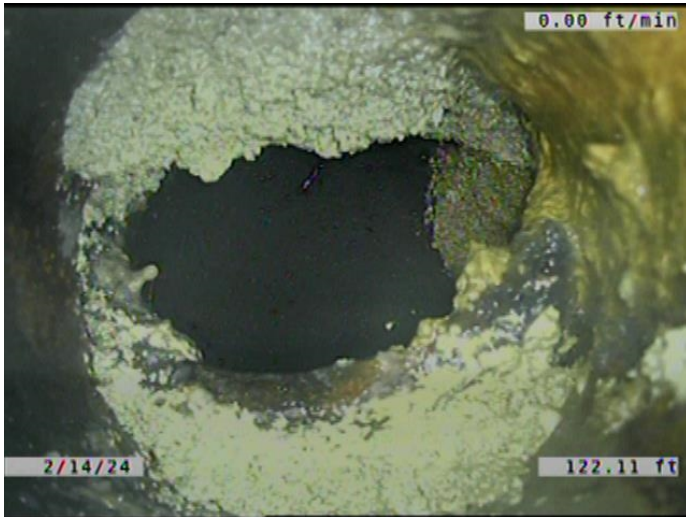
---



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

Distance (ft): **115.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index: **F12**  
Within 8" of Joint: **NO**  
Remarks:

---



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>122.1</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>SERVICE LARGE OFFSET. CONSTANTLY RUNNING WATER. EN</b>

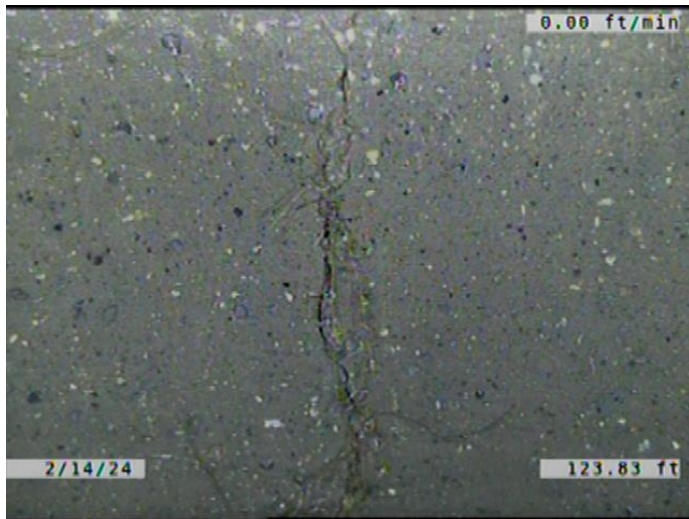
---



Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>123.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S13</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

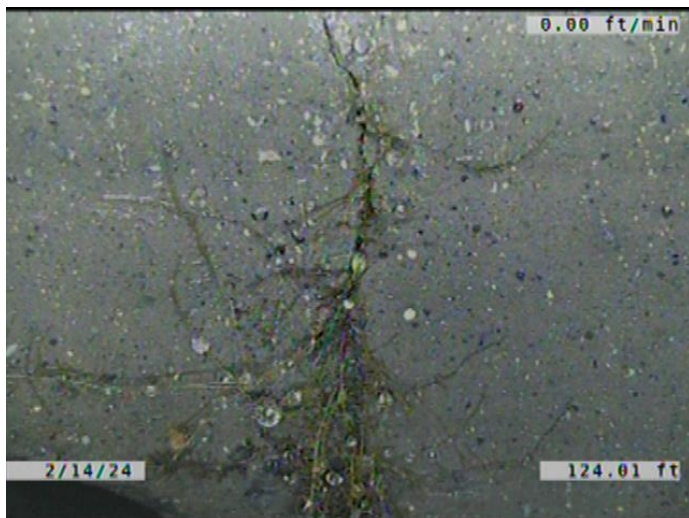
---





Code: **FM**  
 Description: **Fracture Multiple**

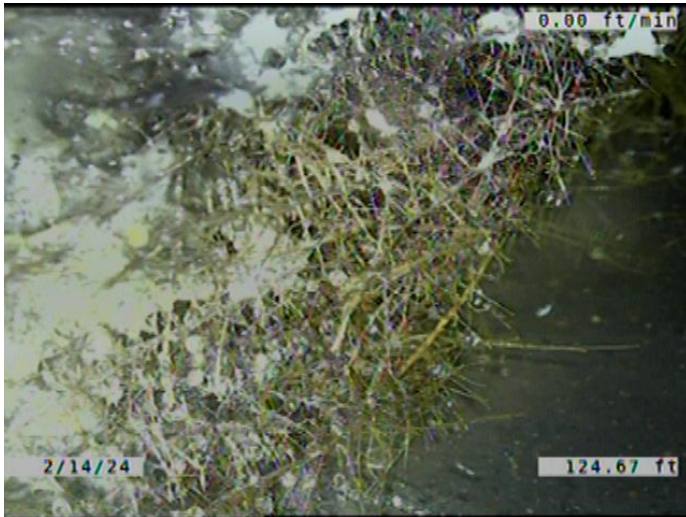
Distance (ft): **123.8**  
 Structural Grade: **4**  
 O&M Grade: **0**  
 Clock Start/From: **10**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S14**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **124.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **11**  
 Clock To: **1**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

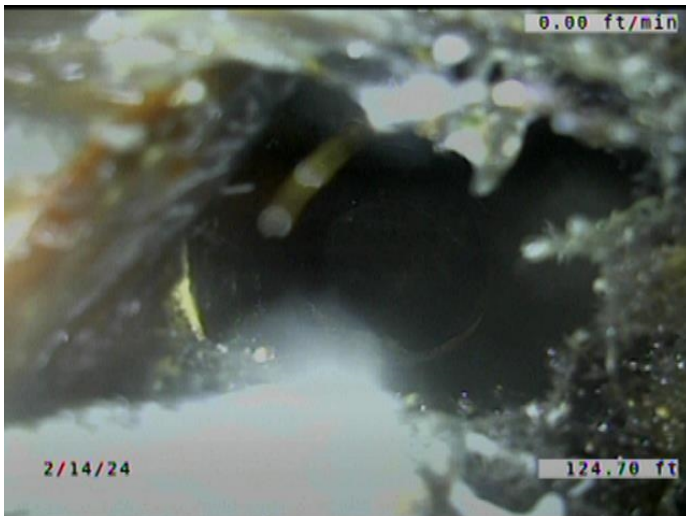




Code: **RFC**  
Description: **Roots Fine Connection**

Distance (ft): **124.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **124.7**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **TAP CRACKED. ROOTS GROWING IN THE JOINTS AND INTO THE MAIN. C**

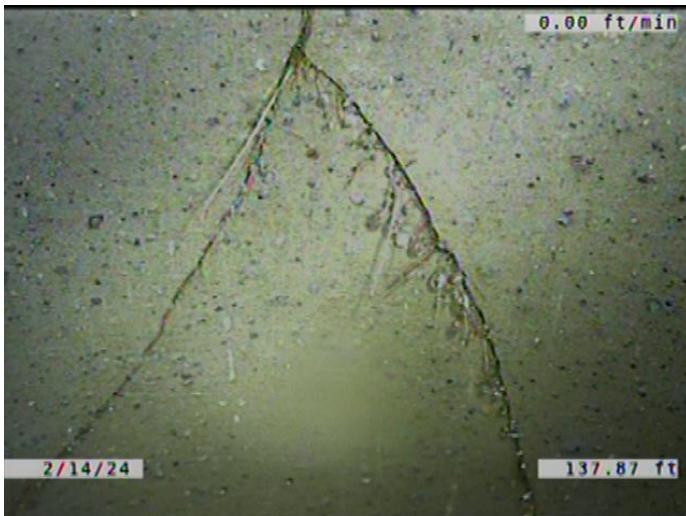
---



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

Distance (ft): **124.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S15**  
Within 8" of Joint: **NO**  
Remarks:

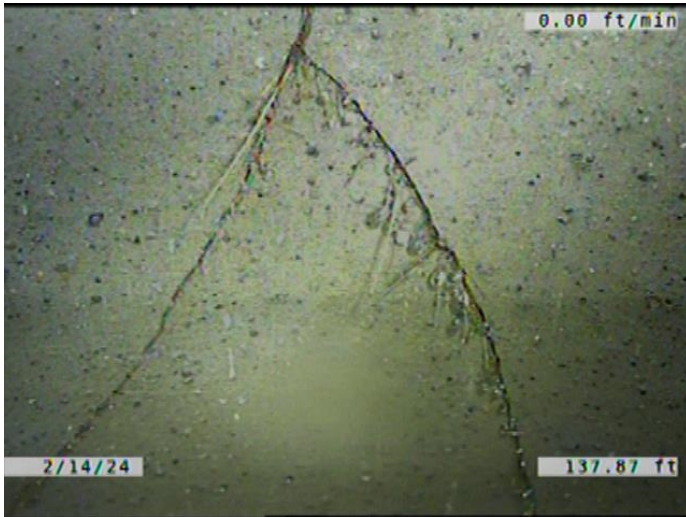
---



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

Distance (ft): **137.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

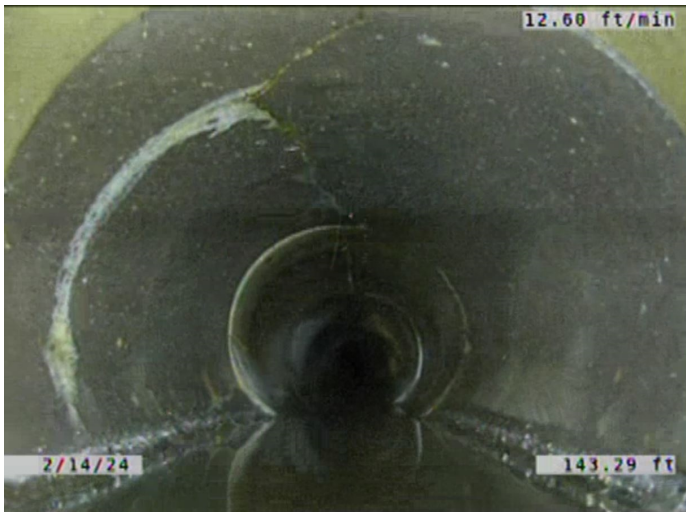
---



Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **137.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F14**  
Within 8" of Joint: **YES**  
Remarks:

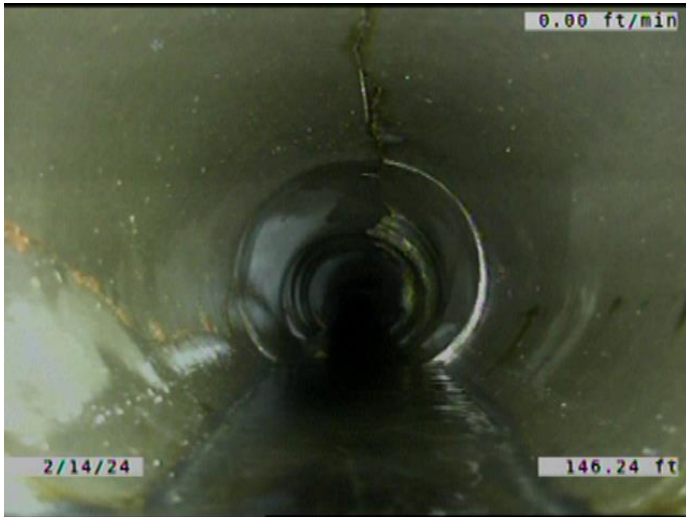
---



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

Distance (ft): **143.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

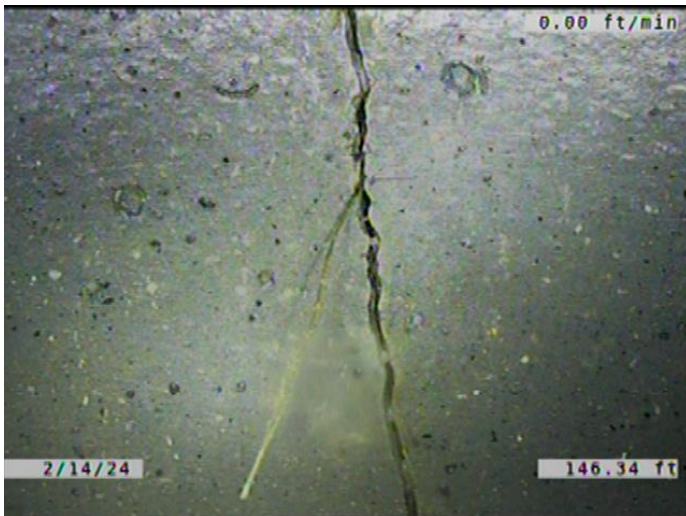
---



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

Distance (ft): **146.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F15**  
Within 8" of Joint: **NO**  
Remarks:

---

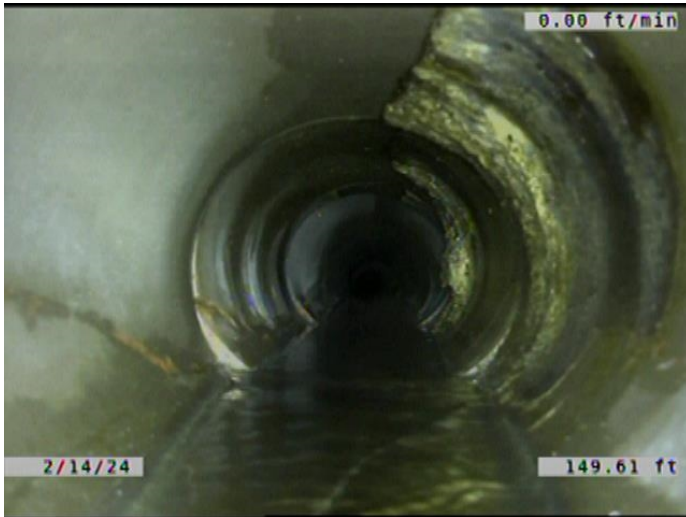


Code: **RFB**  
Description: **Roots Fine Barrel**

Distance (ft): **146.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S17**  
Within 8" of Joint: **NO**  
Remarks:

---





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

Distance (ft): **149.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F17**  
Within 8" of Joint: **NO**  
Remarks:

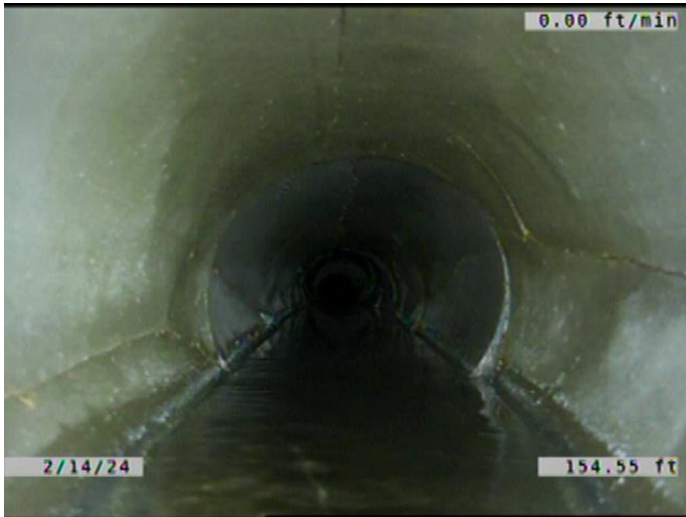
---



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

Distance (ft): **149.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F13**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **154.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S18**  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **SMW**  
Description: **Surface Damage Missing Wall**

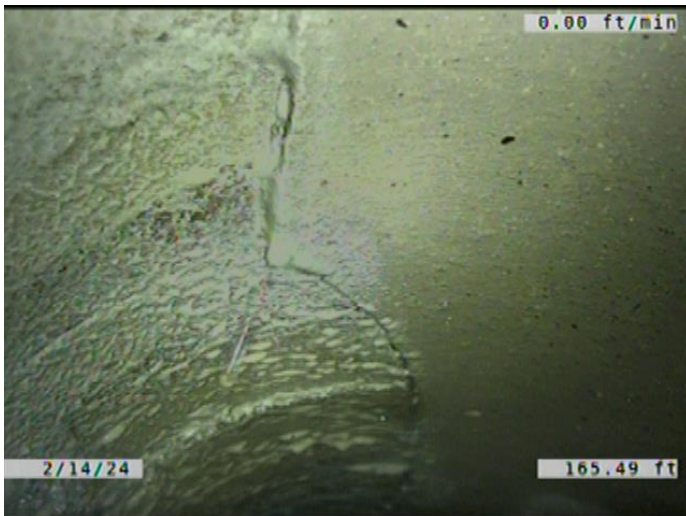
Distance (ft): **162.7**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **SOIL VISIBLE.**

---



Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>163.3</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>TAP BROKEN. PART OF THE TAP AND MAIN ARE MISSING. SERVICE OFFSE</b>

---



Code:	<b>IRB</b>
Description:	<b>Infiltration Runner Barrel</b>
Distance (ft):	<b>165.5</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	<b>S19</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	

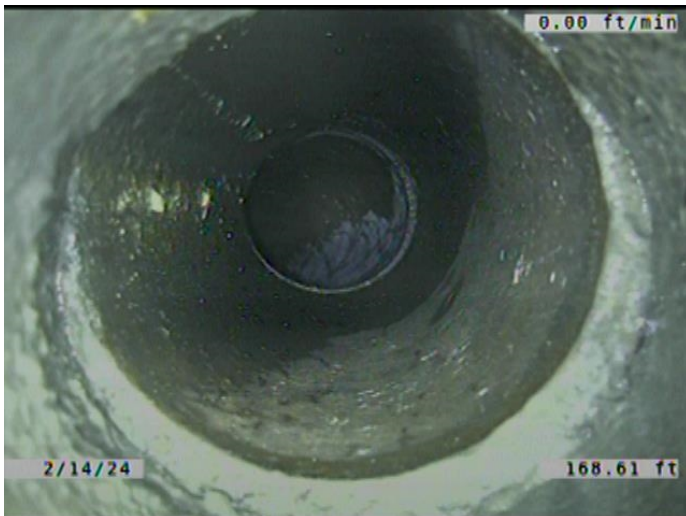
---



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

Distance (ft): **166.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F18**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **168.6**  
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 OFFSET. CONSTANTLY RUNNING WATER.**

---





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

Distance (ft): **171.6**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S20**  
Within 8" of Joint: **NO**  
Remarks:

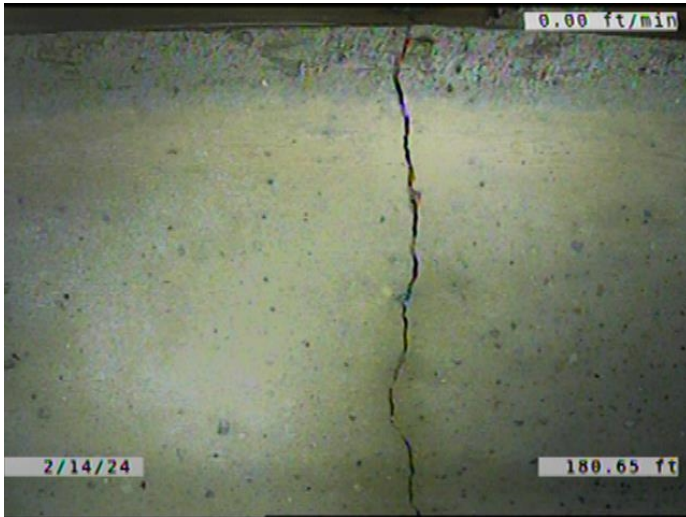
---



Code: **IRB**  
Description: **Infiltration Runner Barrel**

Distance (ft): **175.3**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F19**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **180.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S21**  
Within 8" of Joint: **YES**  
Remarks:

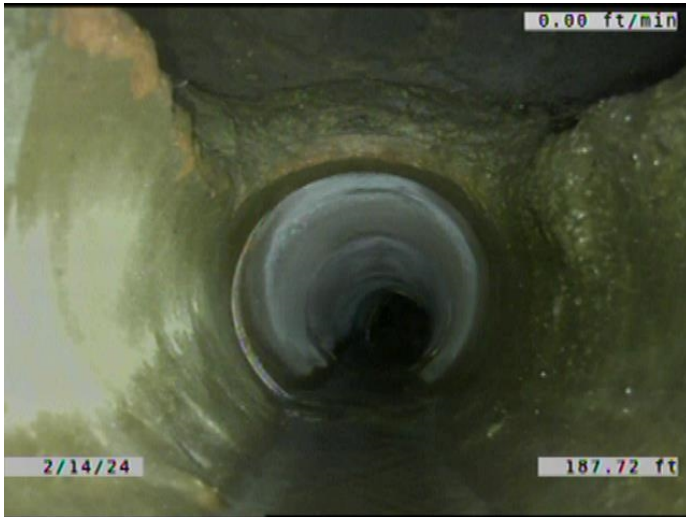
---



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

Distance (ft): **180.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F20**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **187.7**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F21**  
Within 8" of Joint: **YES**  
Remarks:

---



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

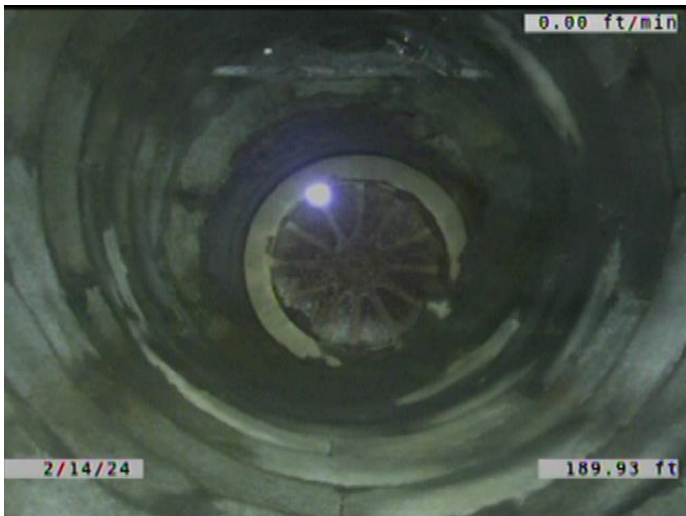
Distance (ft): **187.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **187.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **189.9**  
 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-504-008**