

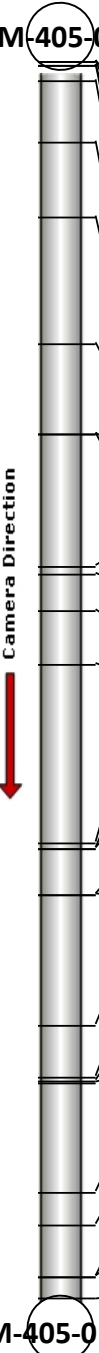
## Profile/Photo Observation Report

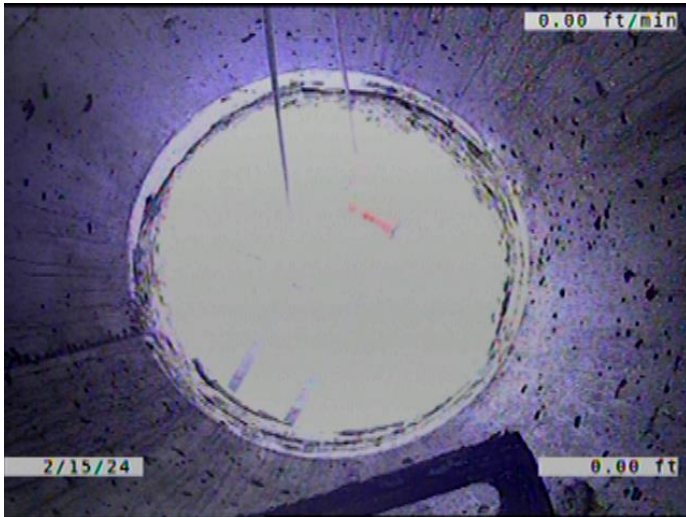


Date:	<b>02/15/2024</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>157.2</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Heavy Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-405-014-014.1</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>03/15/2023</b>	Shape:	<b>C</b>

Street:	<b>LASALLE PL</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Easement/Right of Way</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>8"</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-405-014</b>	DS MH:	<b>M-405-014.1</b>
		Total Length Surveyed (ft):	<b>157.3</b>

O&M Index:	<b>1.71</b>	O&M Quick:	<b>322B</b>	O&M Rating:	<b>48.00</b>
Structural Index:	<b>2.20</b>	Structural Quick:	<b>4131</b>	Structural Rating:	<b>33.00</b>
Overall Index:	<b>1.88</b>	Overall Quick:	<b>4133</b>	Overall Rating:	<b>81.00</b>

	Position	Code	Observation	Video (sec)	Grade
<b>M-405-014</b>					
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	72	NA
	.5	B	Broken	121	S 4
	.5	DAE	Deposits Attached Encrustation	137	M 2
	3.8	RFJ(S01)	Roots Fine Joint	209	M 1
	10.3	MWLS(S02)	Miscellaneous Water Level Sag	260	S 2
	19.9	MWLS(F02)	Miscellaneous Water Level Sag	306	S 2
	35.9	MWLS(S03)	Miscellaneous Water Level Sag	378	S 2
	47.5	MWLS(F03)	Miscellaneous Water Level Sag	434	S 2
	47.5	RFJ(F01)	Roots Fine Joint	442	M 1
	64.2	LD	Line Down	565	M 1
	65.2	JAM	Joint Angular Medium	610	S 3
	69.8	MWLS(S04)	Miscellaneous Water Level Sag	648	S 2
	76.8	DSF(S05)	Deposits Settled Fine	687	M 2
	99.3	TFD	Tap Factory Defective	833	M 3
	100.1	MWLS(F04)	Miscellaneous Water Level Sag	858	S 2
	100.1	DSF(F05)	Deposits Settled Fine	866	M 2
	106.1	IDJ	Infiltration Dripper Joint	915	M 3
	106.1	DAE	Deposits Attached Encrustation	953	M 2
	122.6	DAE(S06)	Deposits Attached Encrustation	1097	M 2
	129.3	SSS	Surface Damage Surface Spalling	1192	S 2
	129.6	TBI	Tap Break-in Intruding	1210	M 2
	129.9	ISGT	Intruding Sealing Material Grout	1245	M 2
	143.9	MWLS(S07)	Miscellaneous Water Level Sag	1339	S 2
	147.9	DSF	Deposits Settled Fine	1376	M 2
	154.7	DAE(F06)	Deposits Attached Encrustation	1428	M 2
	154.7	MWLS(F07)	Miscellaneous Water Level Sag	1438	S 2
	157.3	AMH	Manhole	1579	NA
<b>M-405-014.1</b>					



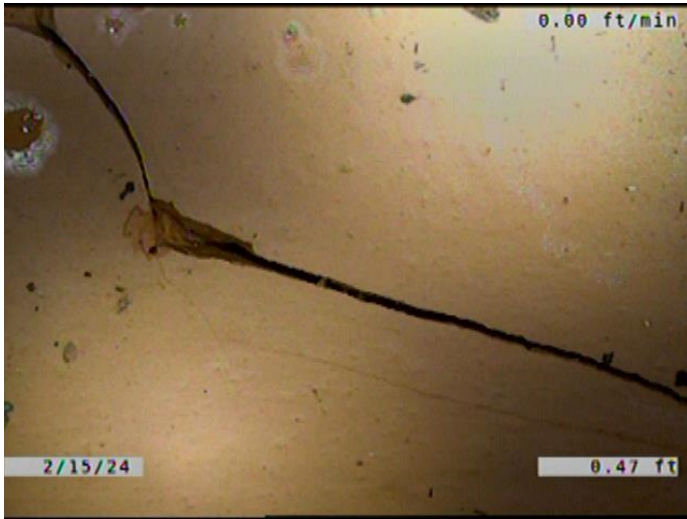
Code: **AMH**  
Description: **Manhole**

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-405-014**



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

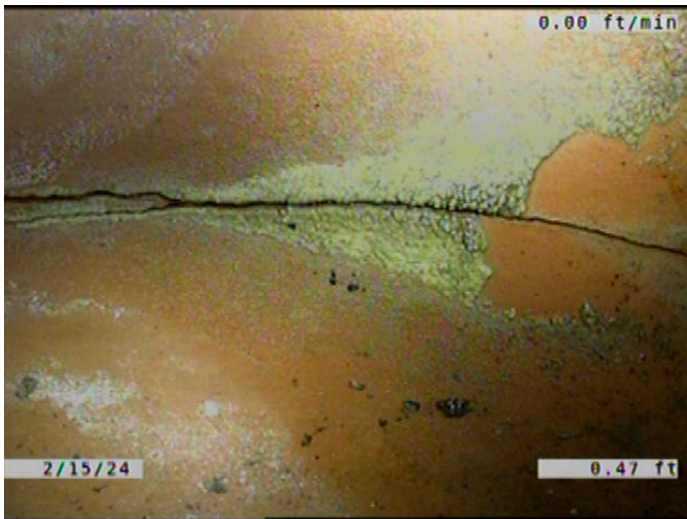
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:



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

Distance (ft): **.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **3**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **3.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **10.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

---





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

Distance (ft): **19.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **35.9**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S03**  
Within 8" of Joint: **NO**  
Remarks:

---



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

Distance (ft): **47.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F03**  
Within 8" of Joint: **NO**  
Remarks:

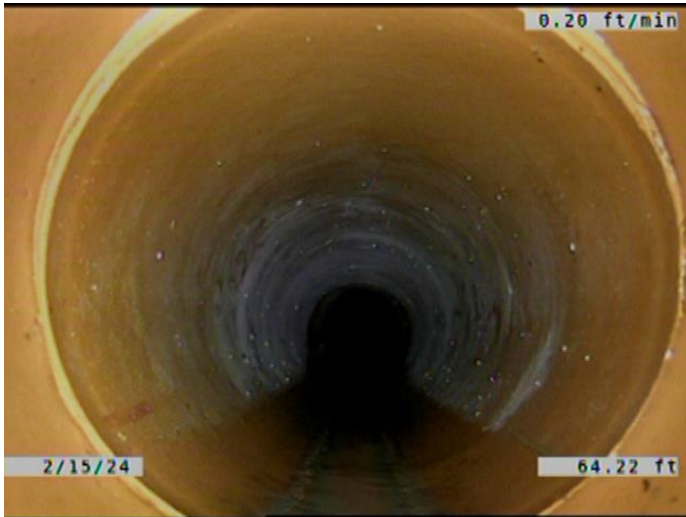
---



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

Distance (ft): **47.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

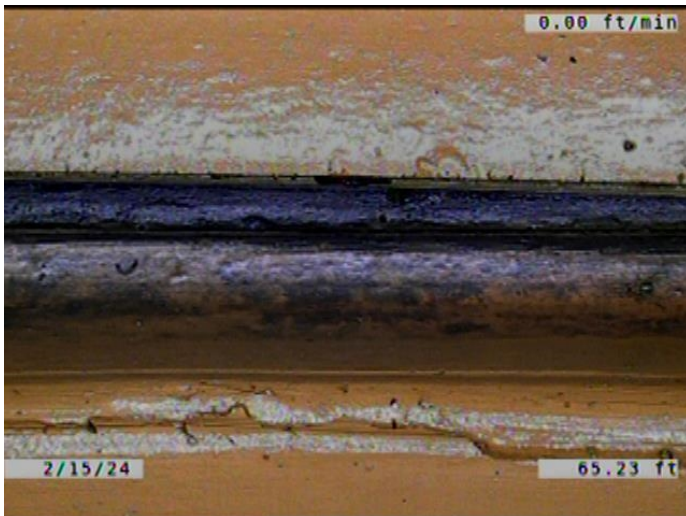
---



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

Distance (ft): **64.2**  
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: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **65.2**  
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: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **69.8**  
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:

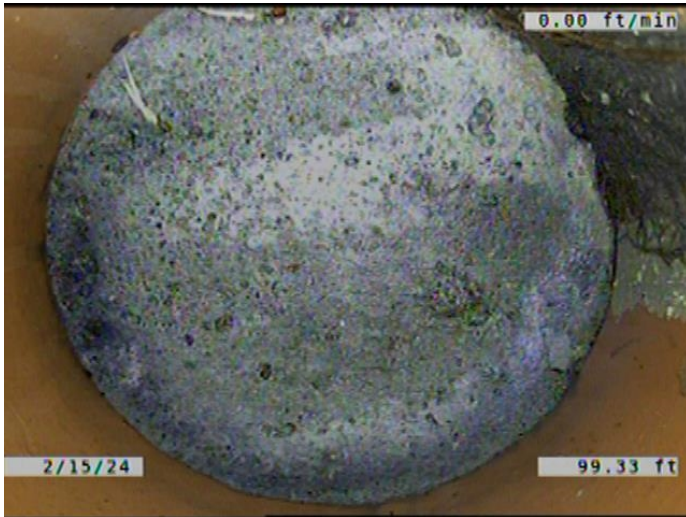
---



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

Distance (ft): **76.8**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S05**  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **99.3**  
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: **CAPPED. ENCRUSTATION AND ROOTS COMING AROUND THE CAP I**

---



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

Distance (ft): **100.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F04**  
Within 8" of Joint: **NO**  
Remarks:

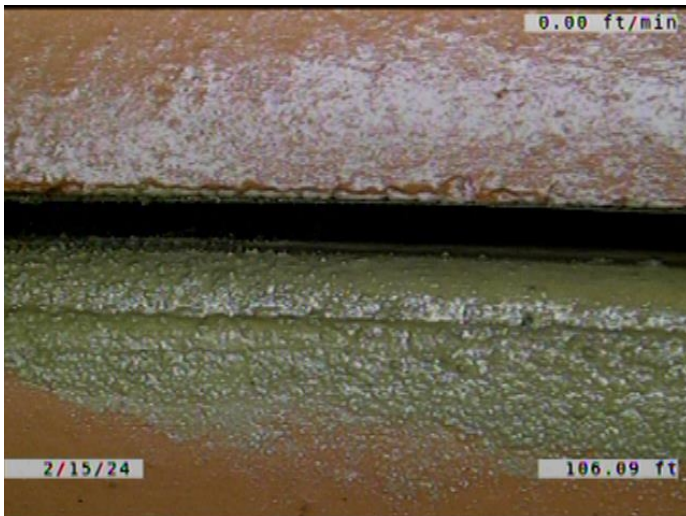
---



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

Distance (ft): **100.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F05**  
Within 8" of Joint: **YES**  
Remarks:

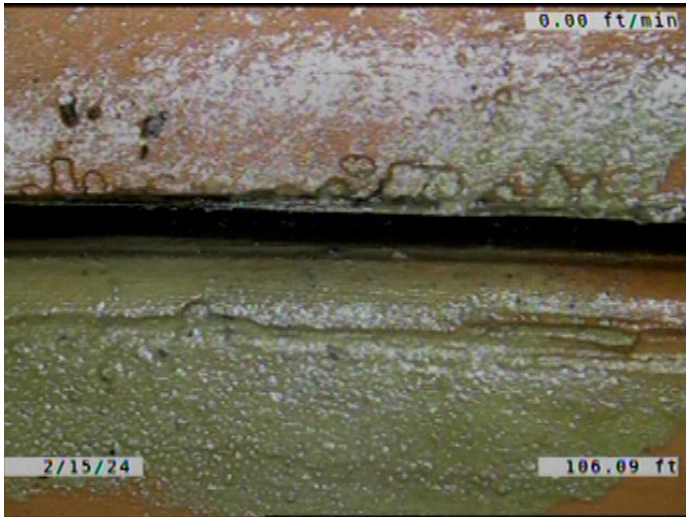
---



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

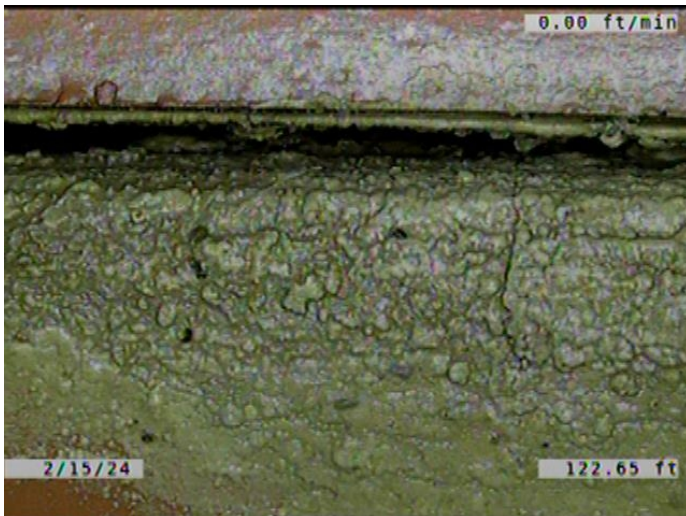
Distance (ft): **106.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	106.1
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	12
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

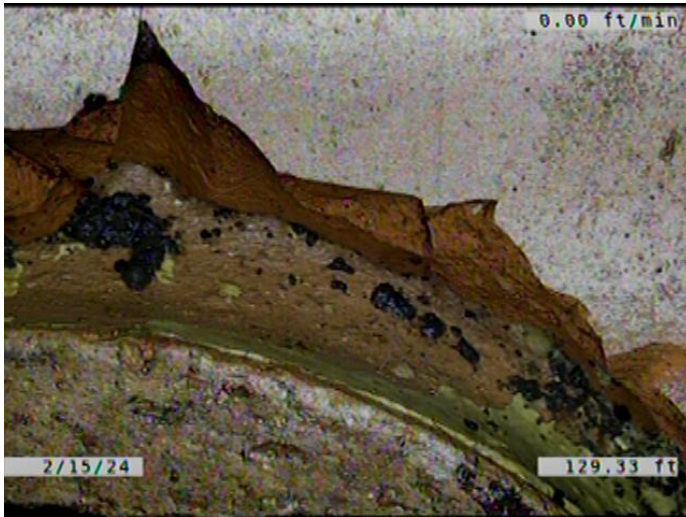
---



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	122.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	7
Clock To:	5
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	S06
Within 8" of Joint:	YES
Remarks:	

---

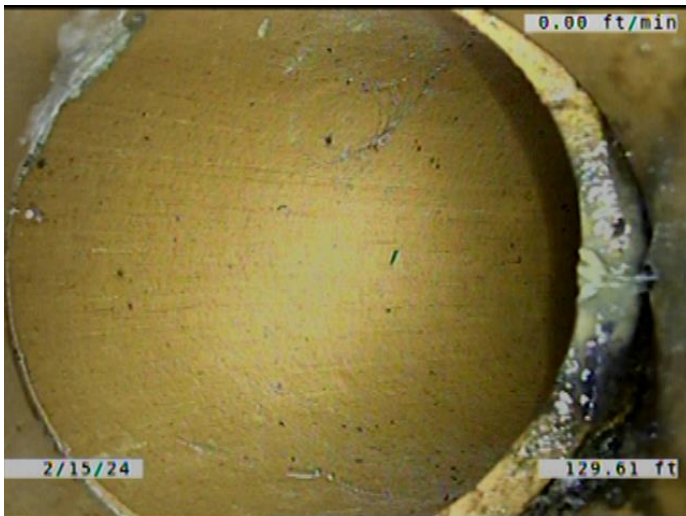




Code: **SSS**  
Description: **Surface Damage Surface Spalling**

Distance (ft): **129.3**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

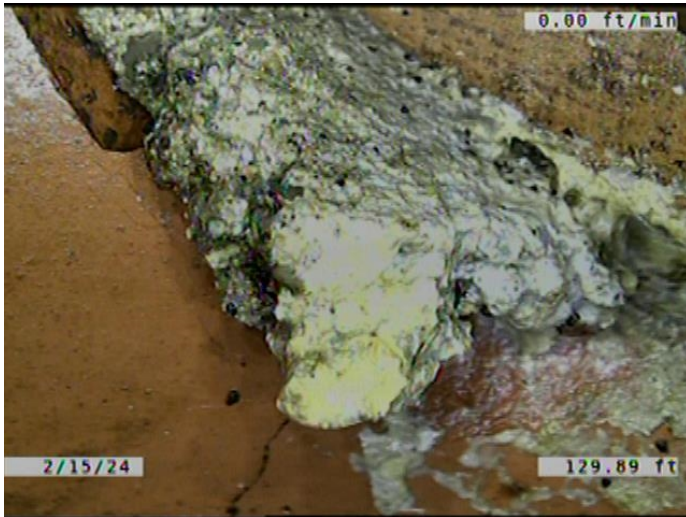


Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **129.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To:  
1st Value: **6.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**

---

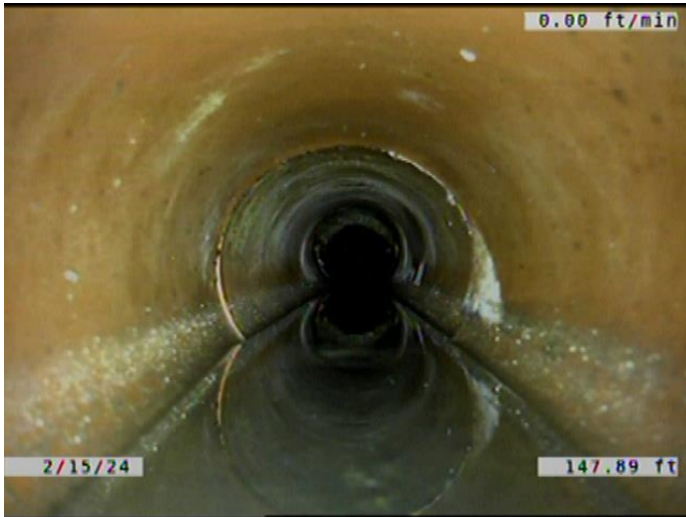




Code:	<b>ISGT</b>
Description:	<b>Intruding Sealing Material Grout</b>
Distance (ft):	<b>129.9</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>12</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

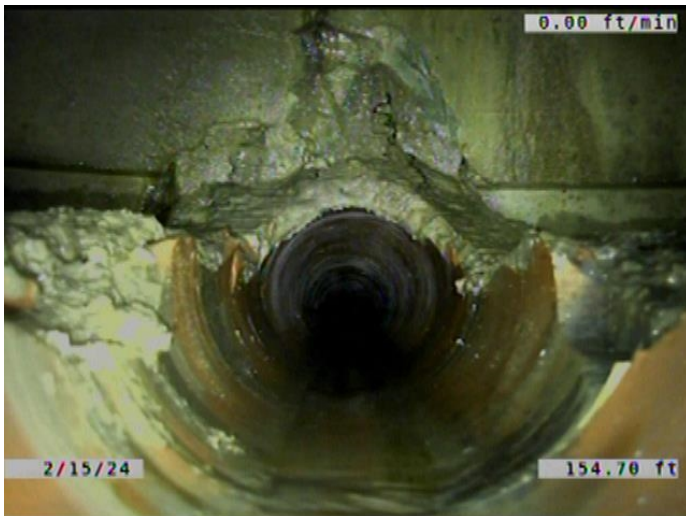


Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>143.9</b>
Structural Grade:	<b>2</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	<b>S07</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	



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

Distance (ft): **147.9**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **154.7**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F06**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **154.7**  
 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:

---



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

Distance (ft): **157.3**  
 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-405-014.1**