

# Profile/Photo Observation Report



Date:	12/06/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	238.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-507-079-078
Customer:	City of Hobart	Clean Date:	08/24/2024	Shape:	C

Street:	West 10th Street	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS)	Dia/Height:	10"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Upstream
US MH:	M-507-078	DS MH:	M-507-079
		Total Length Surveyed (ft):	249.3

O&M Index:	2.43	O&M Quick:	4231	O&M Rating:	17.00
Structural Index:	2.46	Structural Quick:	5149	Structural Rating:	113.00
Overall Index:	2.45	Overall Quick:	514A	Overall Rating:	130.00

Position	Code	Observation	Video (sec)	Grade
.0	AMH	Manhole	0	NA
.0	MWL	Miscellaneous Water Level	12	NA
1.5	MGO	Miscellaneous General Observation	19	NA
2.9	LL	Line Left	52	M 4
10.0	LR	Line Right	127	M 4
10.0	BSV	Broken Soil Visible	235	S 5
12.9	FM(S01)	Fracture Multiple	316	S 4
13.6	RPP	Point Repair Patch	386	NA
15.9	FM(F01)	Fracture Multiple	420	S 4
28.2	RPPD	Point Repair Patch Patch Defective	542	S 4
32.2	TFC	Tap Factory Capped	586	NA
37.5	MWLS(S02)	Miscellaneous Water Level Sag	622	S 2
64.3	RPPD	Point Repair Patch Patch Defective	788	S 4
73.5	B	Broken	867	S 4
74.8	B	Broken	943	S 4
75.2	TBI	Tap Break-in Intruding	968	M 2
78.0	RPPD	Point Repair Patch Patch Defective	1055	S 4
80.0	TFD	Tap Factory Defective	1110	M 3
87.0	RPPD	Point Repair Patch Patch Defective	1190	S 4

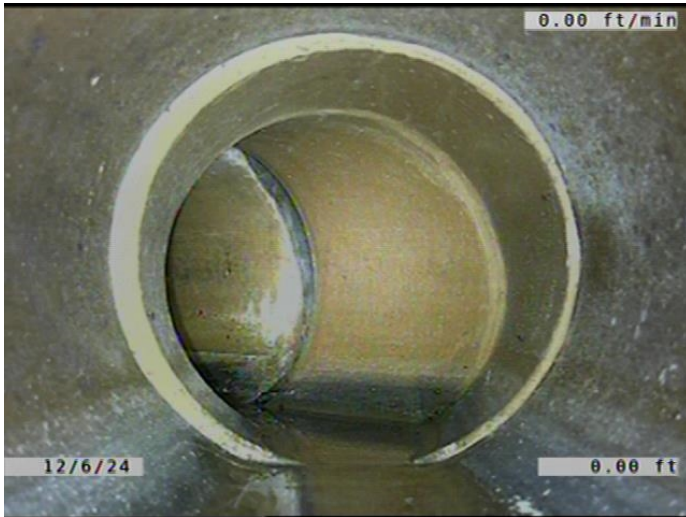
87.8	RPP	Point Repair Patch	1226	NA
101.4	MSC	Miscellaneous Shape/Size Change	1321	NA
101.4	MGO	Miscellaneous General Observation	1330	NA
101.8	RFJ	Roots Fine Joint	1389	M 1
101.8	MGO	Miscellaneous General Observation	1431	NA
105.0	MWLS(F02)	Miscellaneous Water Level Sag	1477	S 2
111.1	RPPD	Point Repair Patch Patch Defective	1587	S 4
114.1	MWLS(S03)	Miscellaneous Water Level Sag	1626	S 2
127.9	MWLS(F03)	Miscellaneous Water Level Sag	1692	S 2
132.1	MWLS(S04)	Miscellaneous Water Level Sag	1720	S 2
151.5	MWLS(F04)	Miscellaneous Water Level Sag	1807	S 2
166.4	LR	Line Right	1875	M 1
168.1	MWLS(S05)	Miscellaneous Water Level Sag	1894	S 2
189.2	MWLS(F05)	Miscellaneous Water Level Sag	1973	S 2
198.5	MWLS(S06)	Miscellaneous Water Level Sag	2018	S 2
208.8	RPPD	Point Repair Patch Patch Defective	2107	S 4
211.4	SSS	Surface Damage Surface Spalling	2197	S 2
211.4	TBI	Tap Break-in Intruding	2210	M 2
249.2	MWLS(F06)	Miscellaneous Water Level Sag	2518	S 2
249.2	MSC	Miscellaneous Shape/Size Change	2553	NA
249.2	MGO	Miscellaneous General Observation	2561	NA
249.3	MSA	Miscellaneous Survey Abandoned	2707	NA

**M-507-078**



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

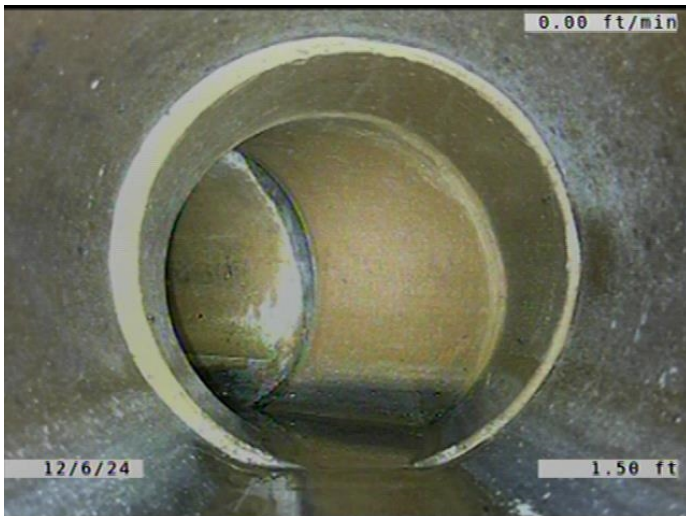
Distance (ft): **.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **M-507-079**



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:

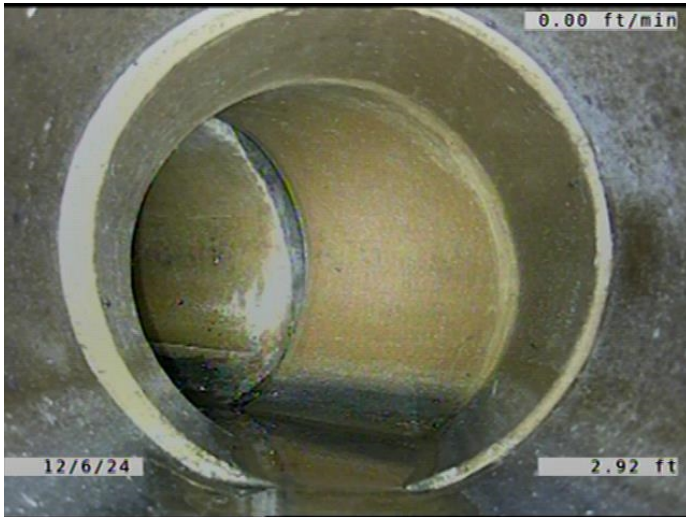
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Code: **MGO**  
Description: **Miscellaneous General Observation**

Distance (ft): **1.5**  
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: **CHANNEL MISSING IN THE  
MANHOLE. HAD TO START IN THE PI**

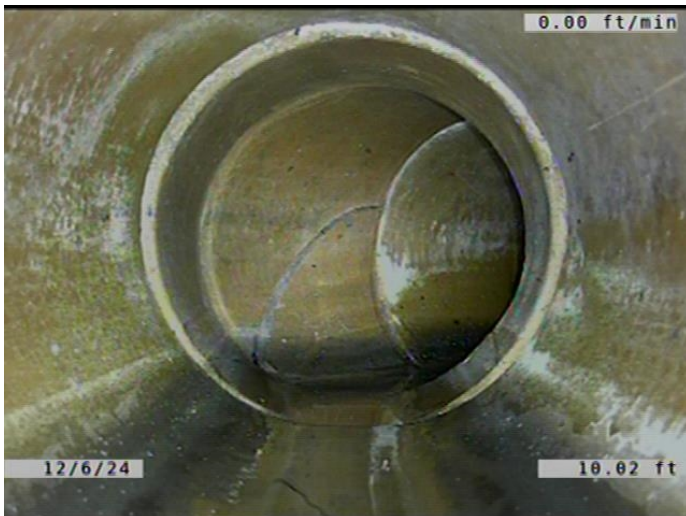
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Code: **LL**  
Description: **Line Left**

Distance (ft): **2.9**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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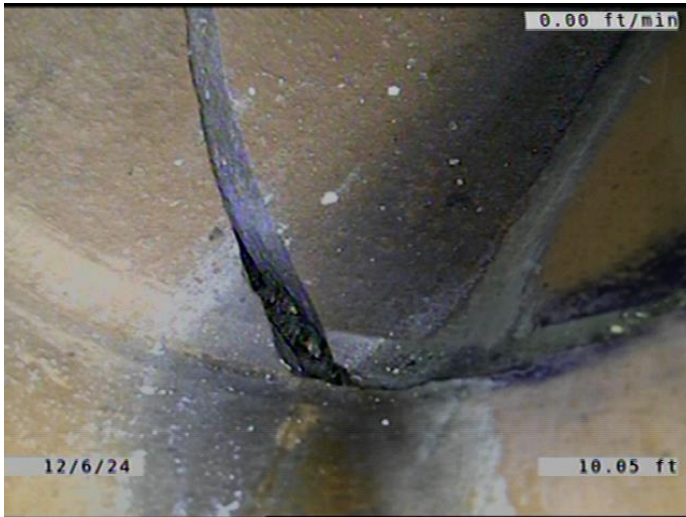


Code: **LR**  
Description: **Line Right**

Distance (ft): **10.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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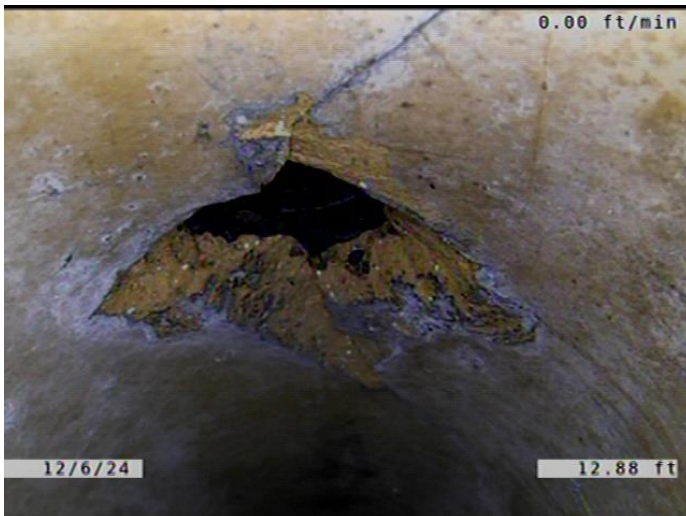




Code: **BSV**  
Description: **Broken Soil Visible**

Distance (ft): **10.0**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

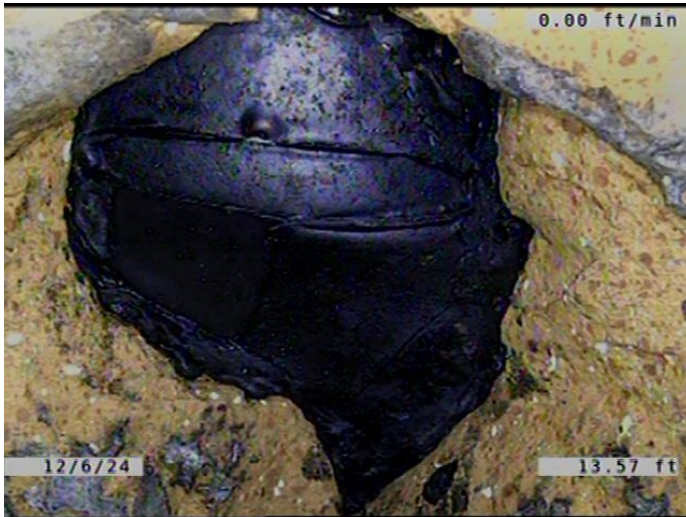
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Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **12.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

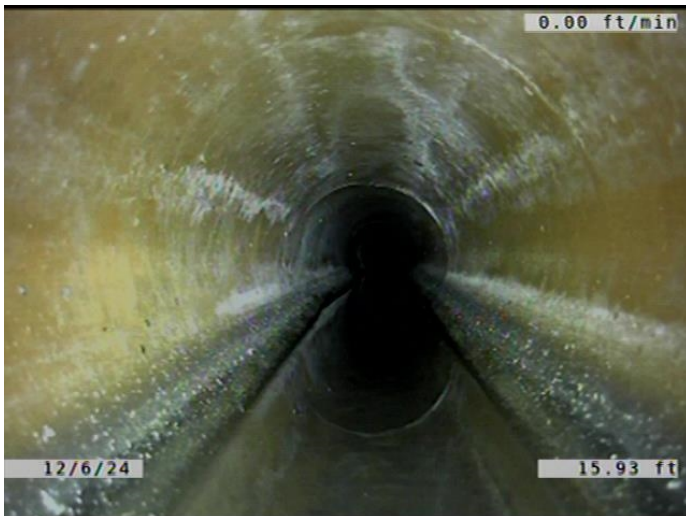
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Code: **RPP**  
Description: **Point Repair Patch**

Distance (ft): **13.6**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**

1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **HOLE LOOKS TO BE TARRED OVER.**



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

Distance (ft): **15.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **3**

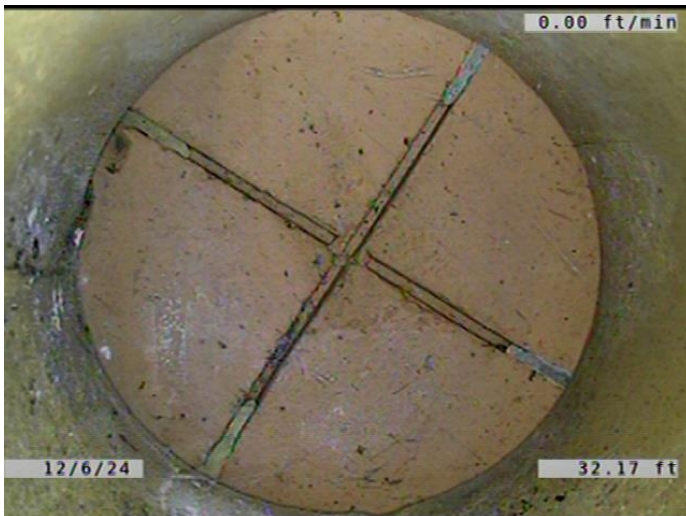
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:



Code: **RPPD**  
Description: **Point Repair Patch Patch Defective**

Distance (ft): **28.2**  
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: **REPAIRED WITH VCP. REPAIR BROKEN.**

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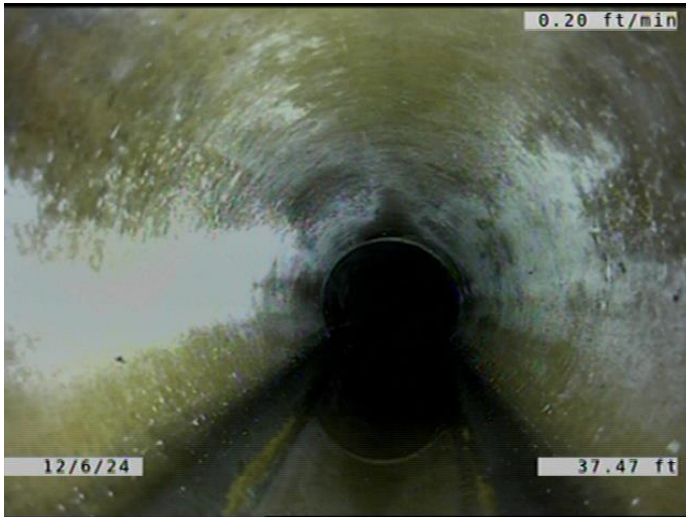


Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **32.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
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): **37.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

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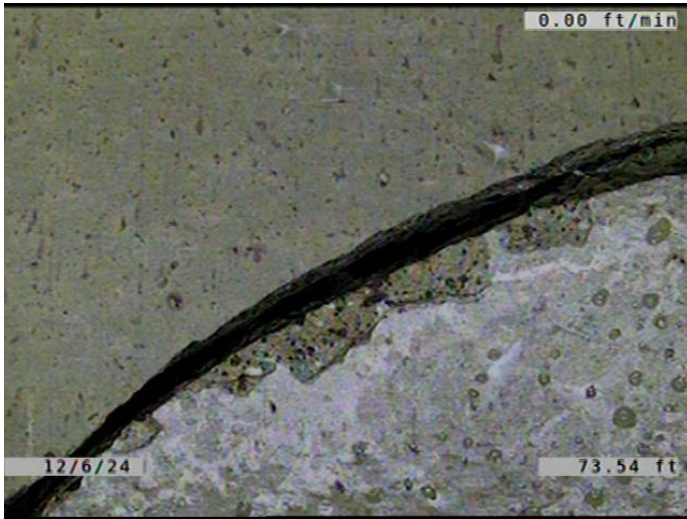


Code: **RPPD**  
Description: **Point Repair Patch Patch Defective**

Distance (ft): **64.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **PATCHED WITH A BAG OF CONCRETE.**

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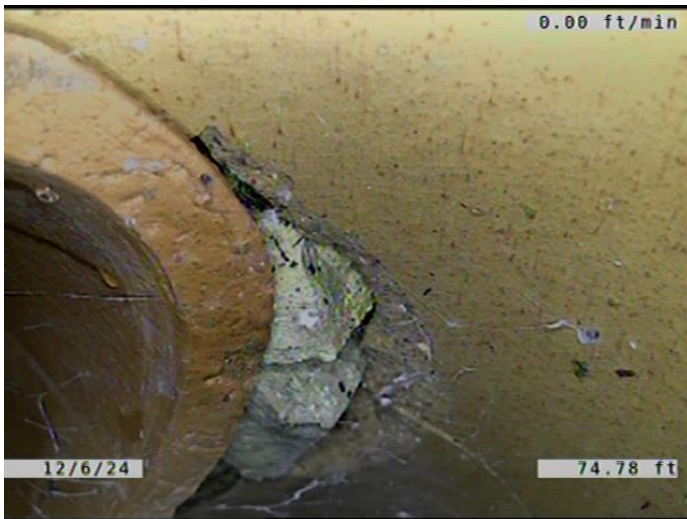




Code: **B**  
Description: **Broken**

Distance (ft): **73.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

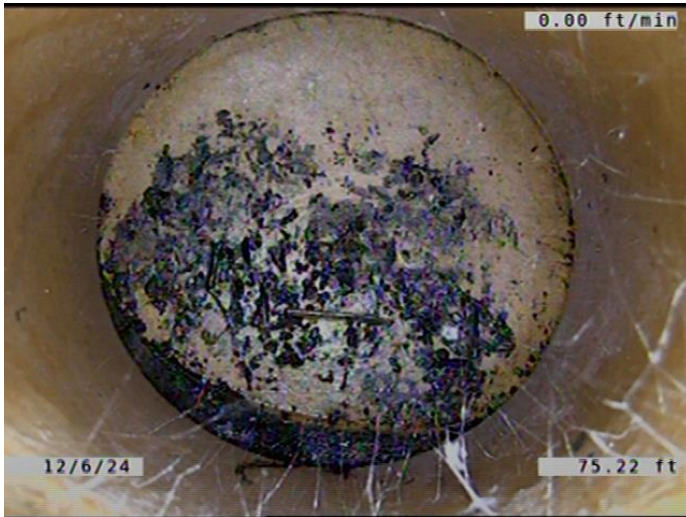
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Code: **B**  
Description: **Broken**

Distance (ft): **74.8**  
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:

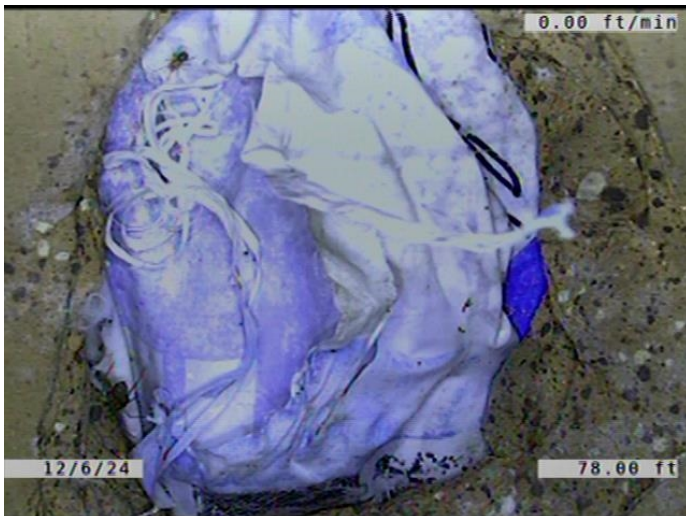
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Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **75.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **12**  
Clock To:  
1st Value: **6.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **CAPPED.**

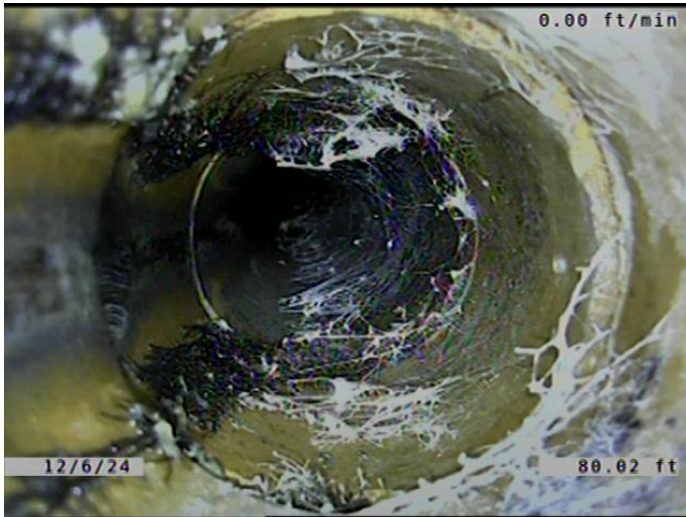
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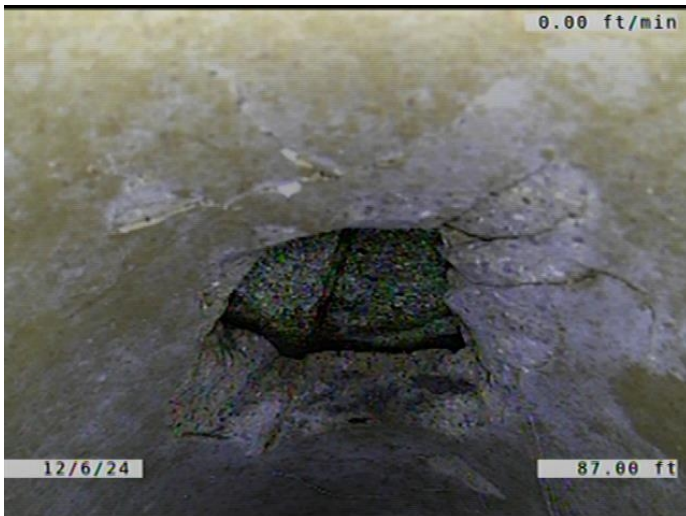
Code: **RPPD**  
Description: **Point Repair Patch Patch Defective**

Distance (ft): **78.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **REPAIRED WITH A BAG OF CONCRETE.**

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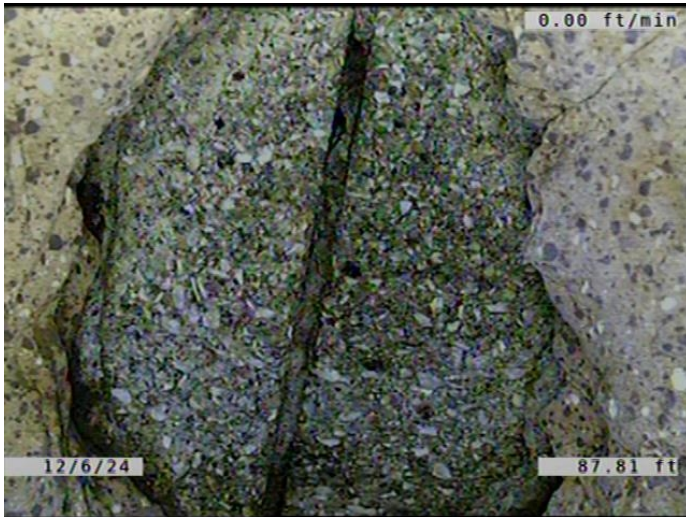


Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>80.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>3</b>
Clock Start/From:	<b>9</b>
Clock To:	
1st Value:	<b>6.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>ROOTS GROWING IN THE JOINTS AND INTO THE MAIN.</b>



Code:	<b>RPPD</b>
Description:	<b>Point Repair Patch Patch Defective</b>
Distance (ft):	<b>87.0</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	<b>2</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>REPAIRED WITH VCP. REPAIR BROKEN.</b>



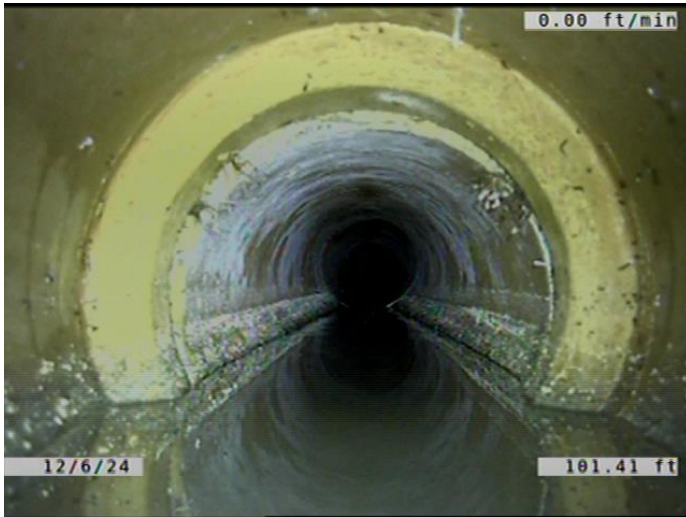


Code:	<b>RPP</b>
Description:	<b>Point Repair Patch</b>
Distance (ft):	<b>87.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>REPAIRED WITH A CONCRETE BRICK.</b>



Code:	<b>MSC</b>
Description:	<b>Miscellaneous Shape/Size Change</b>
Distance (ft):	<b>101.4</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	<b>8.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	





Code:	<b>MGO</b>
Description:	<b>Miscellaneous General Observation</b>
Distance (ft):	<b>101.4</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>PIPE REDUCES FROM 10" VCP TO 8" VCP.</b>



Code:	<b>RFJ</b>
Description:	<b>Roots Fine Joint</b>
Distance (ft):	<b>101.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>4</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	



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

Distance (ft): **101.8**  
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: **MADE A WHEEL CHANGE TO MADE IT INTO THE 8" REDUCTION.**

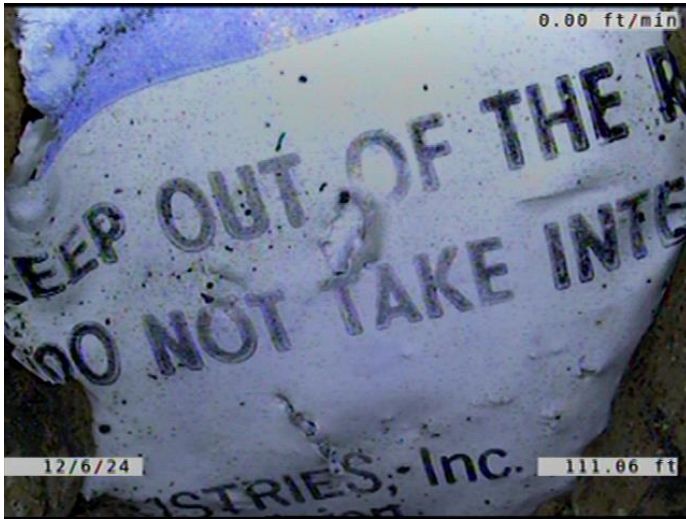
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **105.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F02**  
Within 8" of Joint: **NO**  
Remarks:

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Code:	<b>RPPD</b>
Description:	<b>Point Repair Patch Patch Defective</b>
Distance (ft):	<b>111.1</b>
Structural Grade:	<b>4</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>11</b>
Clock To:	<b>1</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>REPAIRED WITH A BAG OF CONCRETE.</b>

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Code:	<b>MWLS</b>
Description:	<b>Miscellaneous Water Level Sag</b>
Distance (ft):	<b>114.1</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>S03</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	

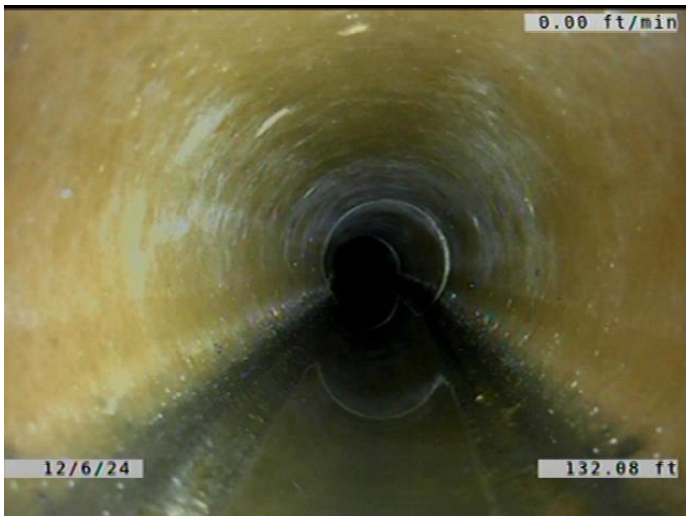
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **127.9**  
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:

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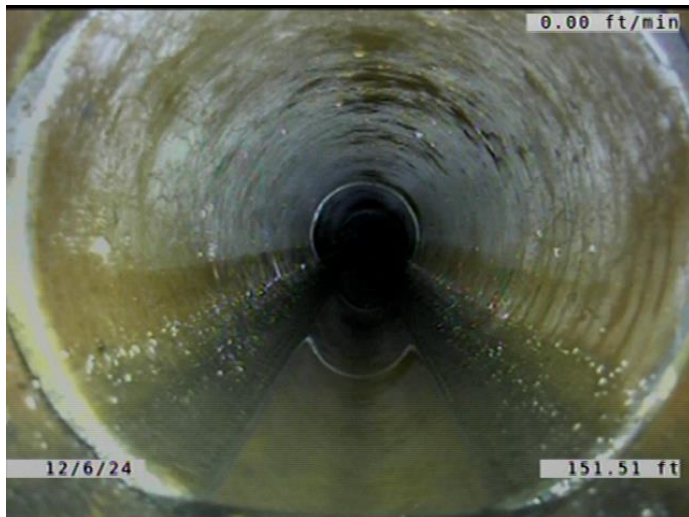


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **132.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S04**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **151.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F04**  
Within 8" of Joint: **NO**  
Remarks:

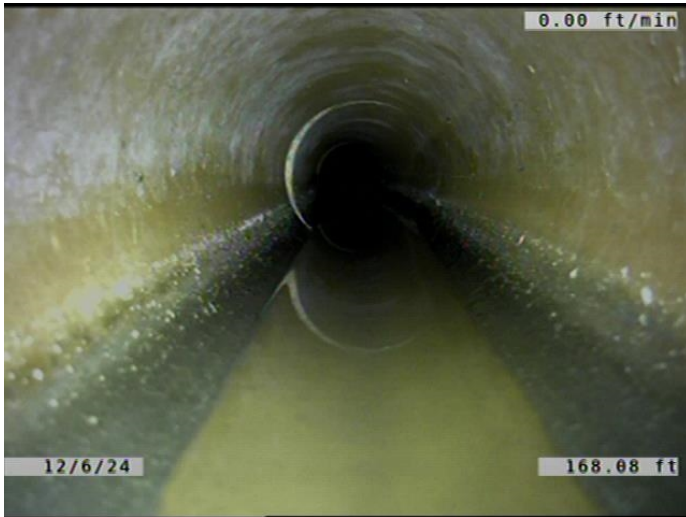
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Code: **LR**  
Description: **Line Right**

Distance (ft): **166.4**  
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:

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

Distance (ft): **168.1**  
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:

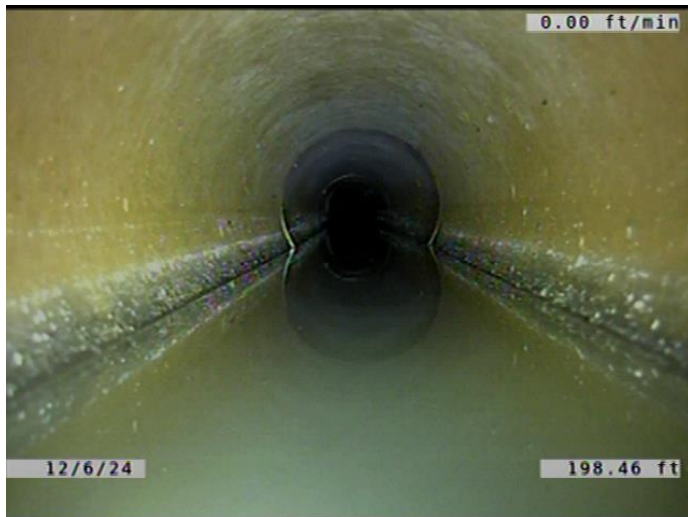
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **189.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F05**  
Within 8" of Joint: **NO**  
Remarks:

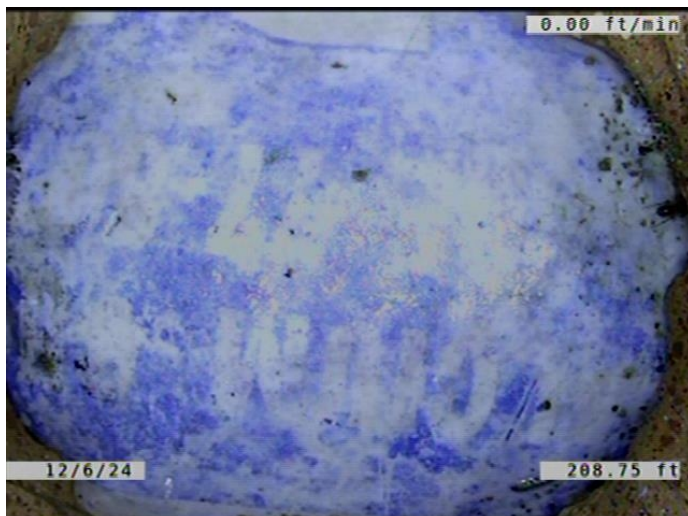
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Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **198.5**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **S06**  
Within 8" of Joint: **NO**  
Remarks:

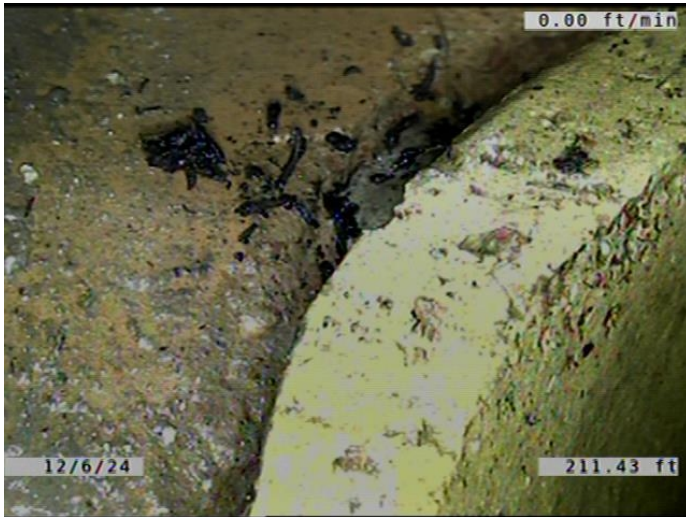
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Code: **RPPD**  
Description: **Point Repair Patch Patch Defective**

Distance (ft): **208.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **REPAIRED WITH A BAG OF CONCRETE.**

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

Distance (ft): **211.4**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **211.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value: **1.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CONSTANTLY RUNNING WATER.**

---





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

Distance (ft): **249.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index: **F06**  
Within 8" of Joint: **NO**  
Remarks:

---



Code: **MSC**  
Description: **Miscellaneous Shape/Size Change**

Distance (ft): **249.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

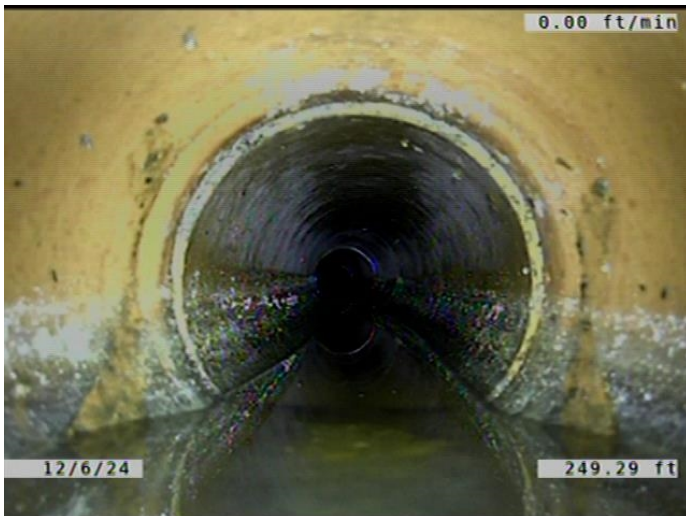
---



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

Distance (ft): **249.2**  
 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: **PIPE REDUCED FROM 8" VCP TO 6" VCP.**

---



Code: **MSA**  
 Description: **Miscellaneous Survey Abandoned**

Distance (ft): **249.3**  
 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: **CAMERA CANT MAKE IT INTO THE 6" PIPE.**