

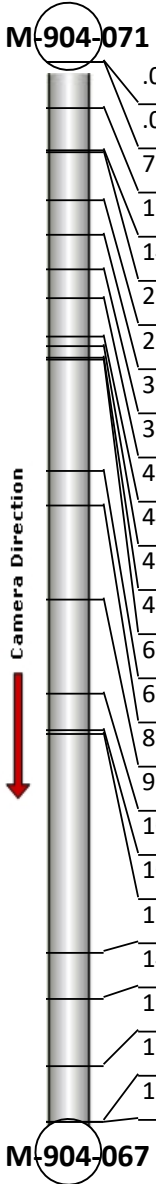
Profile/Photo Observation Report

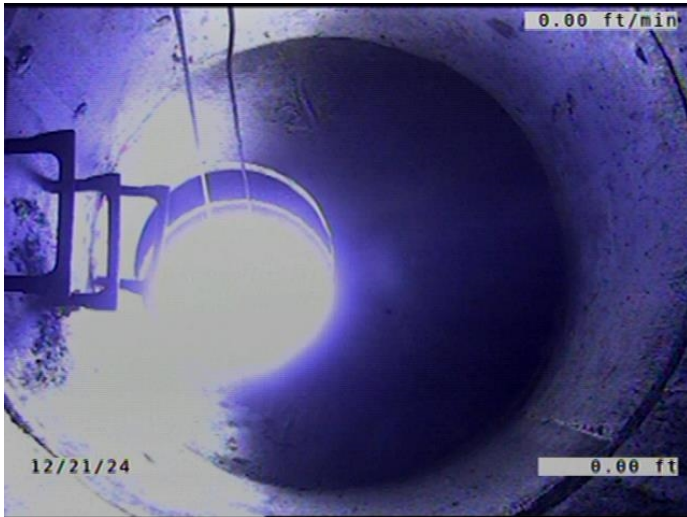


Date:	12/21/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	164.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-904-067-071
Customer:	City of Hobart	Clean Date:	11/25/2024	Shape:	C

Street:	Pembroke Drive North	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	PVC
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-904-071	DS MH:	M-904-067
		Total Length Surveyed (ft):	165.4

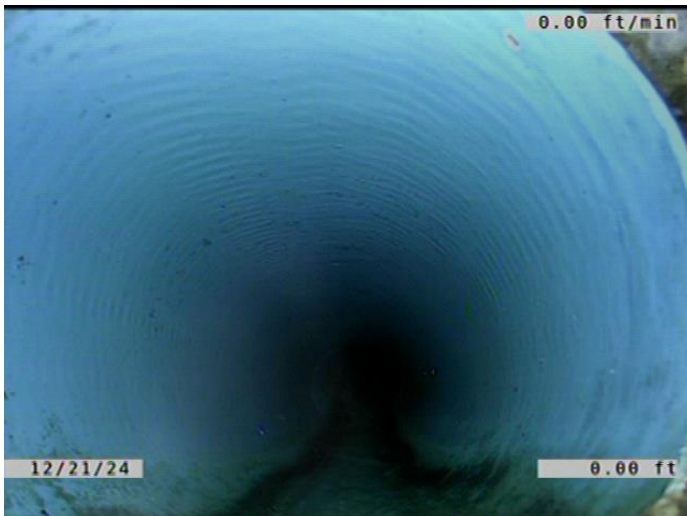
O&M Index:	2.33	O&M Quick:	3122	O&M Rating:	7.00
Structural Index:	2.63	Structural Quick:	4439	Structural Rating:	71.00
Overall Index:	2.60	Overall Quick:	443A	Overall Rating:	78.00

	Position	Code	Observation	Video (sec)	Grade
	M-904-071				
	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	73	NA
	7.2	MWLS(S01)	Miscellaneous Water Level Sag	121	S 2
	13.8	IWB	Infiltration Weeper Barrel	209	M 2
	14.2	TBI	Tap Break-in Intruding	225	M 2
	21.5	MWLS(F01)	Miscellaneous Water Level Sag	276	S 2
	26.9	MWLS(S02)	Miscellaneous Water Level Sag	302	S 2
	32.4	MWLS(F02)	Miscellaneous Water Level Sag	331	S 2
	36.8	MWLS(S03)	Miscellaneous Water Level Sag	362	S 2
	42.9	JAL	Joint Angular Large	427	S 4
	44.4	TF	Tap Factory	454	NA
	46.0	TF	Tap Factory	480	NA
	46.5	JSL	Joint Separated Large	533	S 4
	63.8	MWLS(F03)	Miscellaneous Water Level Sag	621	S 2
	69.2	MWLS(S04)	Miscellaneous Water Level Sag	650	S 2
	83.8	MWLS(F04)	Miscellaneous Water Level Sag	716	S 2
	98.7	MWLS(S05)	Miscellaneous Water Level Sag	787	S 3
	104.3	FM	Fracture Multiple	878	S 4
	104.8	TBD	Tap Break-in/Hammer Defective	898	M 3
	138.9	JSL	Joint Separated Large	1196	S 4
	146.2	MWLS(F05)	Miscellaneous Water Level Sag	1263	S 3
	156.8	MWLS(S06)	Miscellaneous Water Level Sag	1328	S 2
	165.4	MWLS(F06)	Miscellaneous Water Level Sag	1499	S 2
	165.4	AMH	Manhole	1523	NA
	M-904-067				



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-904-071**



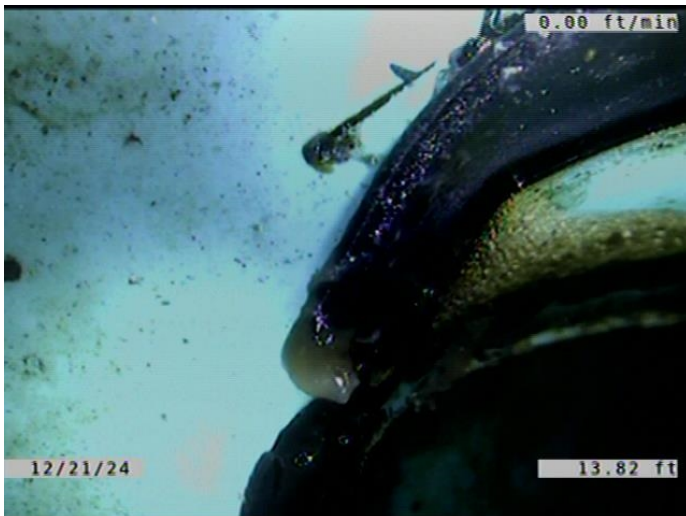
Code: **MWL**
Description: **Miscellaneous Water Level**

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:



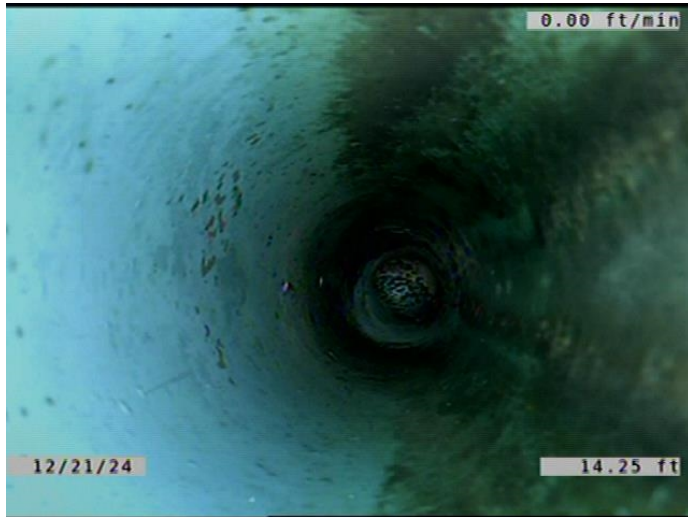
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **7.2**
 Structural Grade: **2**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **15.000**
 Continuous Index: **S01**
 Within 8" of Joint: **NO**
 Remarks:



Code: **IWB**
 Description: **Infiltration Weeper Barrel**

Distance (ft): **13.8**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **12**
 Clock To: **1**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **14.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **6.000**
2nd Value: **2.000**
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **Active**



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

Distance (ft): **21.5**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **26.9**
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:



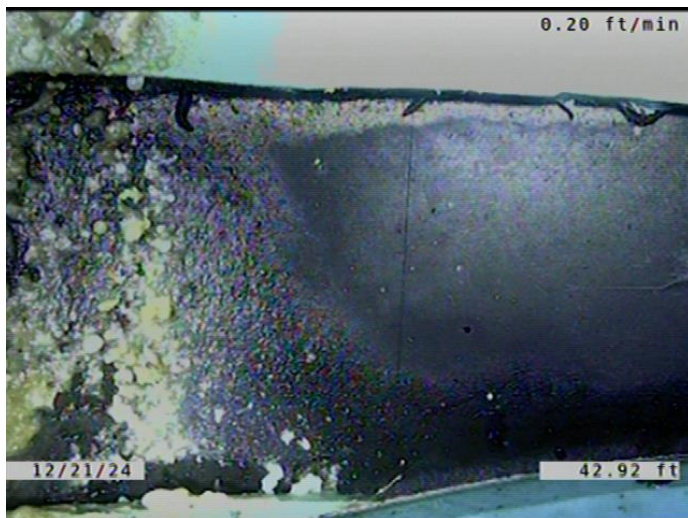
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **32.4**
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:



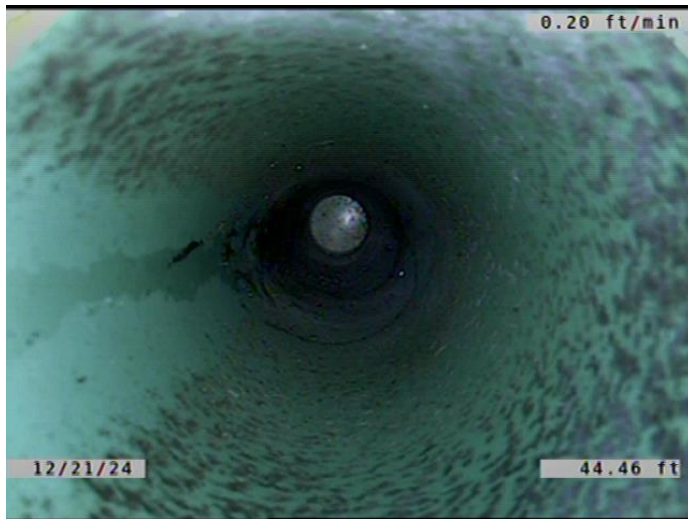
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **36.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:



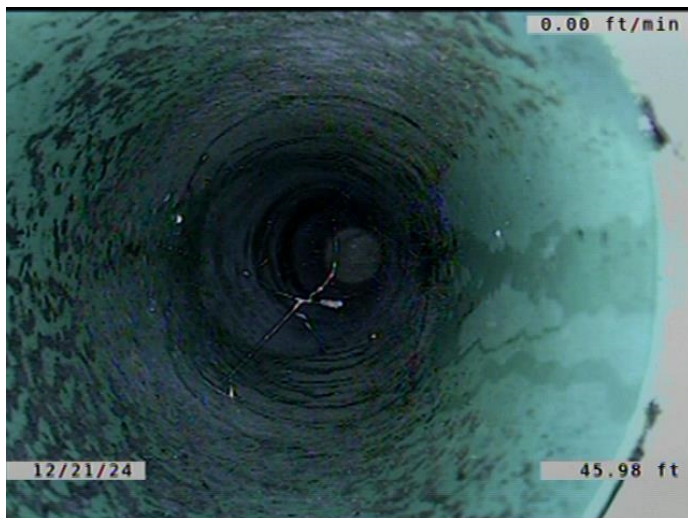
Code: **JAL**
Description: **Joint Angular Large**

Distance (ft): **42.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



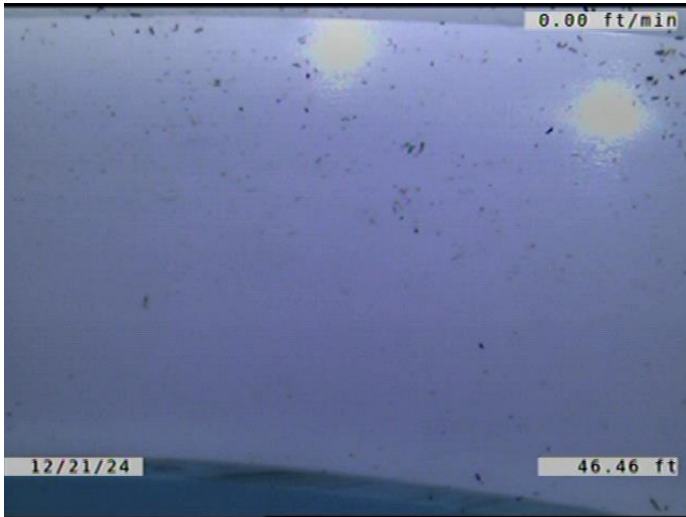
Code: **TF**
Description: **Tap Factory**

Distance (ft): **44.4**
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: **TF**
Description: **Tap Factory**

Distance (ft): **46.0**
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:



Code: **JSL**
Description: **Joint Separated Large**

Distance (ft): **46.5**
Structural Grade: **4**
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 THEY WERE I**



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

Distance (ft): **63.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:



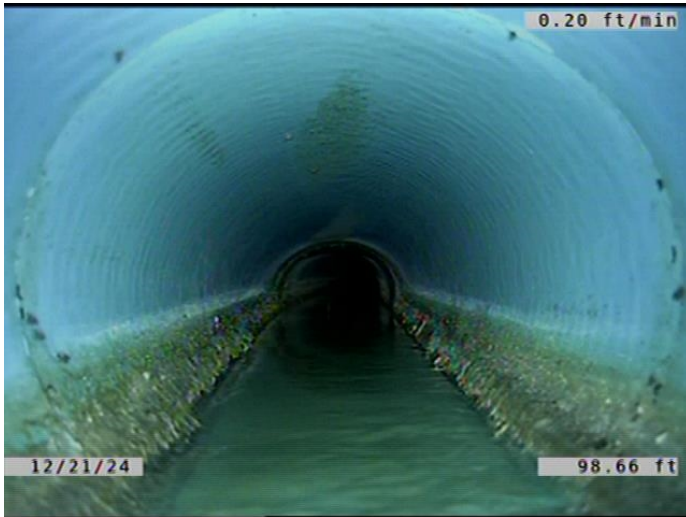
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **69.2**
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:



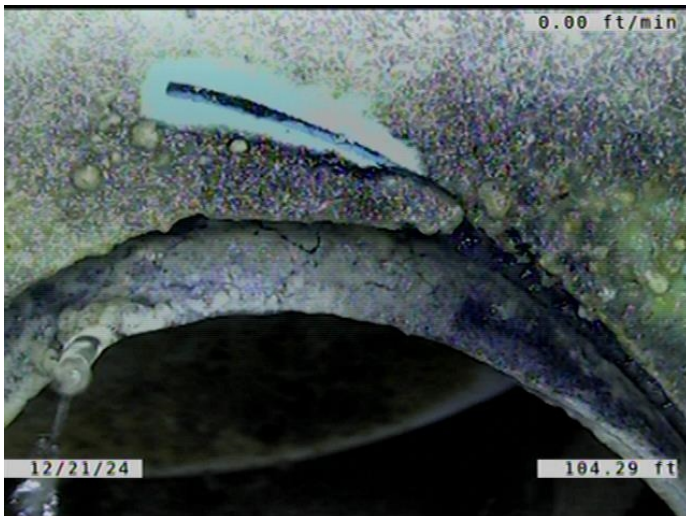
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **83.8**
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:



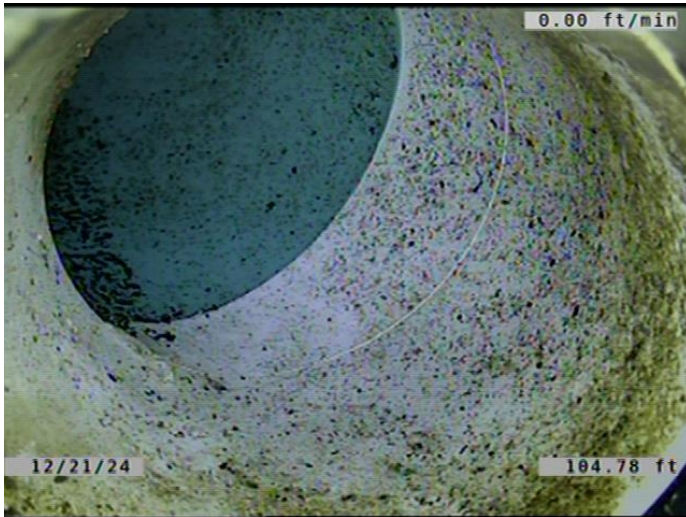
Code: **MWLS**
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **98.7**
 Structural Grade: **3**
 O&M Grade: **0**
 Clock Start/From:
 Clock To:
 1st Value:
 2nd Value:
 Value Percent: **50.000**
 Continuous Index: **S05**
 Within 8" of Joint: **NO**
 Remarks:



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

Distance (ft): **104.3**
 Structural Grade: **4**
 O&M Grade: **0**
 Clock Start/From: **12**
 Clock To: **2**
 1st Value:
 2nd Value:
 Value Percent:
 Continuous Index:
 Within 8" of Joint: **NO**
 Remarks:



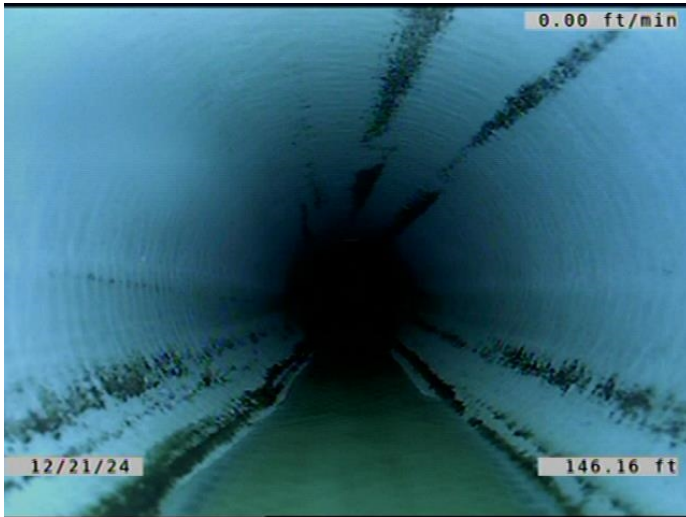
Code: **TBD**
Description: **Tap Break-in/Hammer Defective**

Distance (ft): **104.8**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **12**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **CONSTANTLY RUNNING WATER.
SERVICE IS COMING FROM THE LEFT**



Code: **JSL**
Description: **Joint Separated Large**

Distance (ft): **138.9**
Structural Grade: **4**
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
TOGETHER WHEN INSTALLED.**



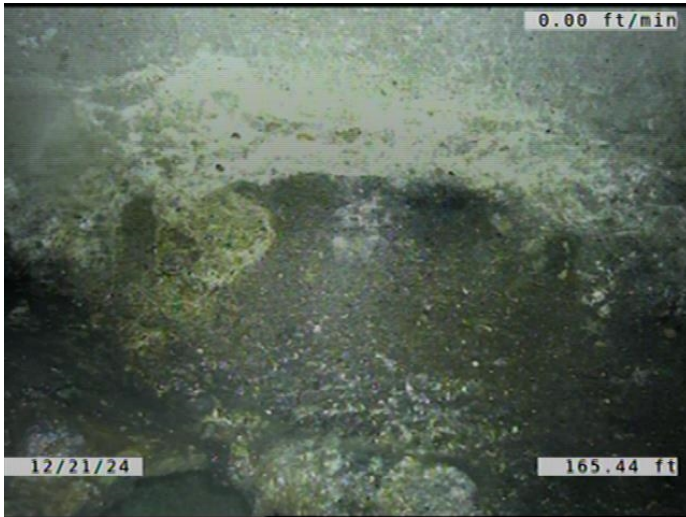
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **146.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



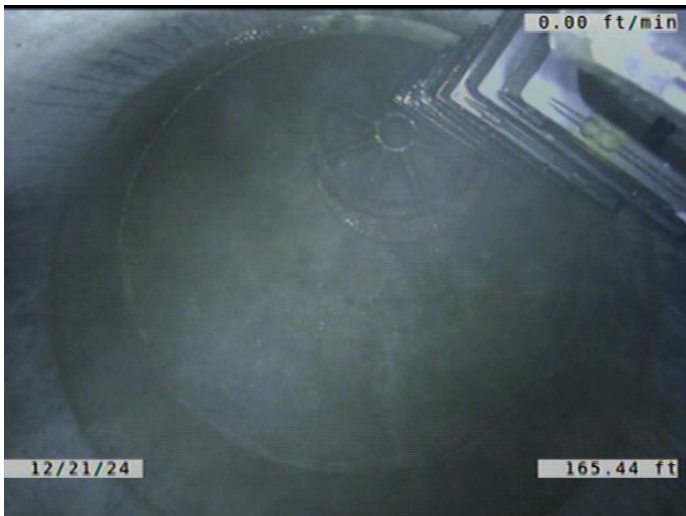
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **156.8**
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:



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

Distance (ft): **165.4**
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: **AMH**
Description: **Manhole**

Distance (ft): **165.4**
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-904-067**