

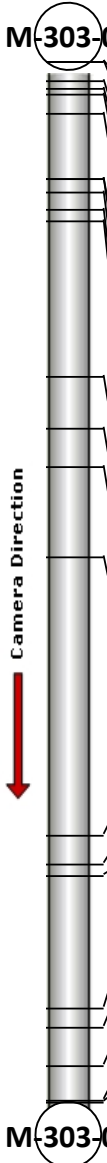
Profile/Photo Observation Report

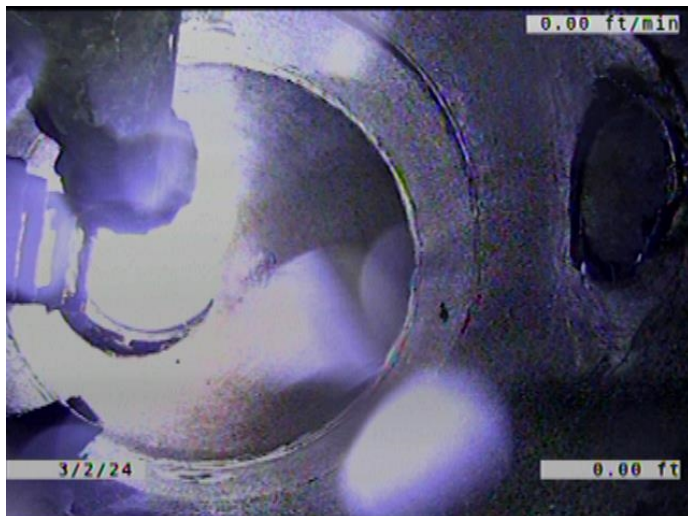


Date:	03/02/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	333.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:		Surveyor:	S. Bucklin	PSR:	P-303-033-027
Customer:	City of Hobart	Clean Date:	06/26/2023	Shape:	C

Street:	RIDGELAWN DR	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Sewer System Evaluation Survey (SS	Dia/Height:	18"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-303-027	DS MH:	M-303-033
		Total Length Surveyed (ft):	336.0

O&M Index:	2.03	O&M Quick:	412K	O&M Rating:	130.00
Structural Index:	2.00	Structural Quick:	2D00	Structural Rating:	52.00
Overall Index:	2.02	Overall Quick:	412P	Overall Rating:	182.00

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	85	NA
	6.3	MGO	Miscellaneous General Observation	122	NA
	10.8	MWLS	Miscellaneous Water Level Sag	158	S 2
	12.7	DAE	Deposits Attached Encrustation	208	M 2
	16.9	SZ	Surface Damage Other	273	NA
	37.6	DAE	Deposits Attached Encrustation	390	M 2
	37.6	IRJ	Infiltration Runner Joint	417	M 4
	42.3	DAE	Deposits Attached Encrustation	479	M 2
	47.7	DAE	Deposits Attached Encrustation	556	M 2
	51.3	DAGS(S01)	Deposits Attached Grease	583	M 2
	101.9	SZ	Surface Damage Other	757	NA
	118.5	SZ	Surface Damage Other	862	NA
	130.9	MWLS(S02)	Miscellaneous Water Level Sag	931	S 2
	159.7	DAE	Deposits Attached Encrustation	1069	M 2
	249.6	MWLS(F02)	Miscellaneous Water Level Sag	1367	S 2
	259.4	CL	Crack Longitudinal	1444	S 2
	262.7	MWL	Miscellaneous Water Level	1475	NA
	305.6	SZ	Surface Damage Other	1637	NA
	311.8	DAE	Deposits Attached Encrustation	1715	M 2
	324.5	MWL	Miscellaneous Water Level	1777	NA
	335.1	DAGS(F01)	Deposits Attached Grease	1835	M 2
	336.0	AMH	Manhole	2037	NA
M-303-033					



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-303-027**



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:



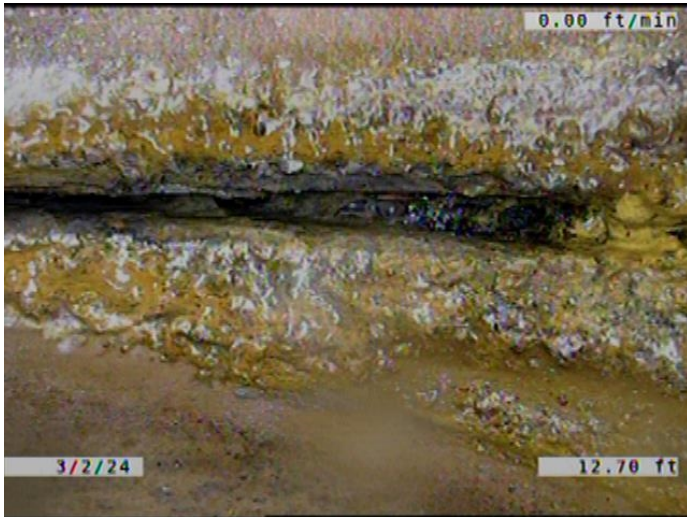
Code: **MGO**
Description: **Miscellaneous General Observation**

Distance (ft): **6.3**
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: **FORCE MAIN TURNED ON. RUNS
ROUGHLY EVERY 3 MINUTES FOR 1**



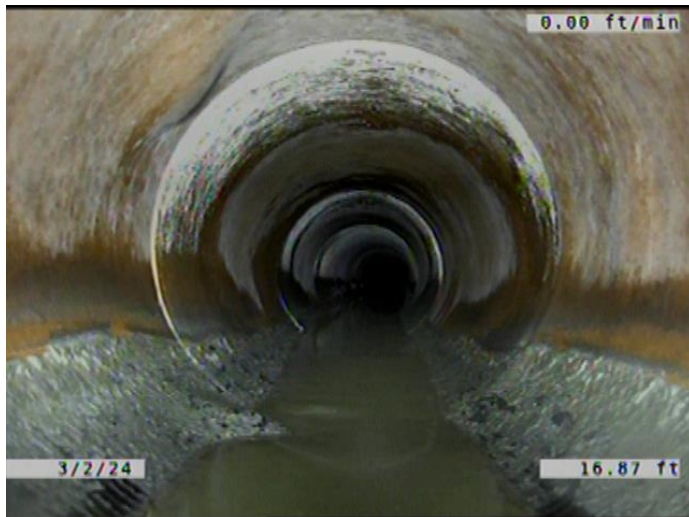
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **10.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

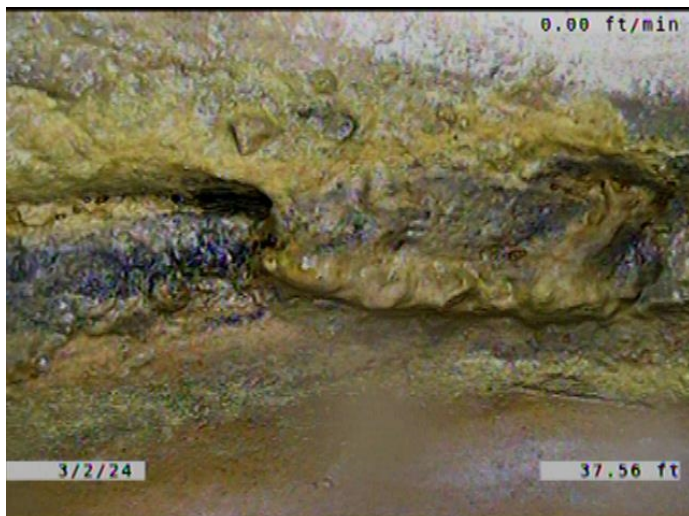


Code: **DAE**
Description: **Deposits Attached Encrustation**

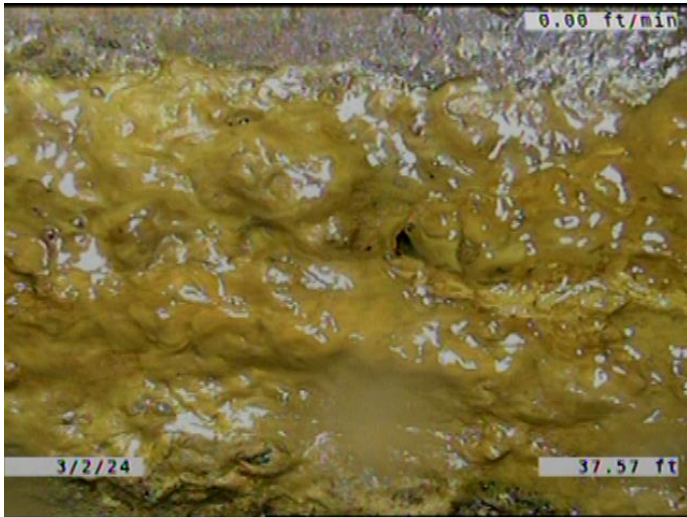
Distance (ft): **12.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code:	SZ
Description:	Surface Damage Other
Distance (ft):	16.9
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	7
Clock To:	11
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	DIMPLES INTO THE PIPE.. MANUFACTURING DEFECT.

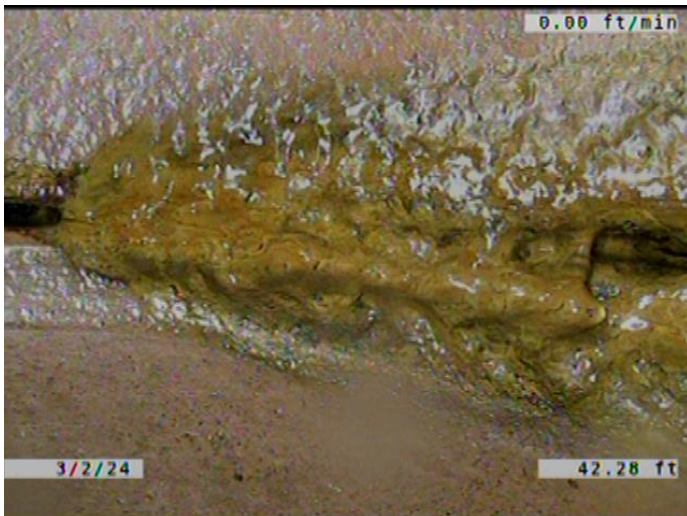


Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	37.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	



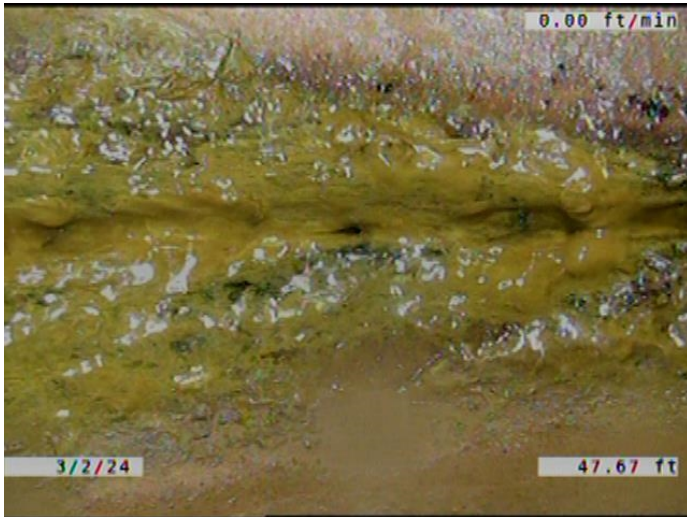
Code: **IRJ**
 Description: **Infiltration Runner Joint**

Distance (ft): **37.6**
 Structural Grade: **0**
 O&M Grade: **4**
 Clock Start/From: **1**
 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): **42.3**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **1**
 Clock To: **4**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index:
 Within 8" of Joint: **YES**
 Remarks:



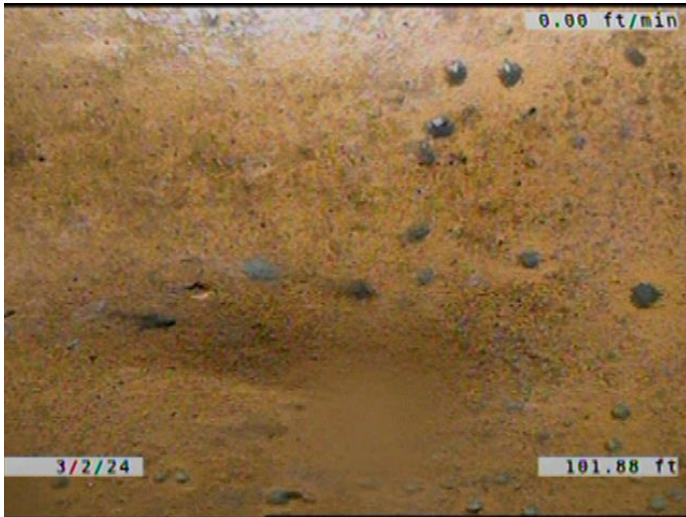
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **47.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



Code: **DAGS**
Description: **Deposits Attached Grease**

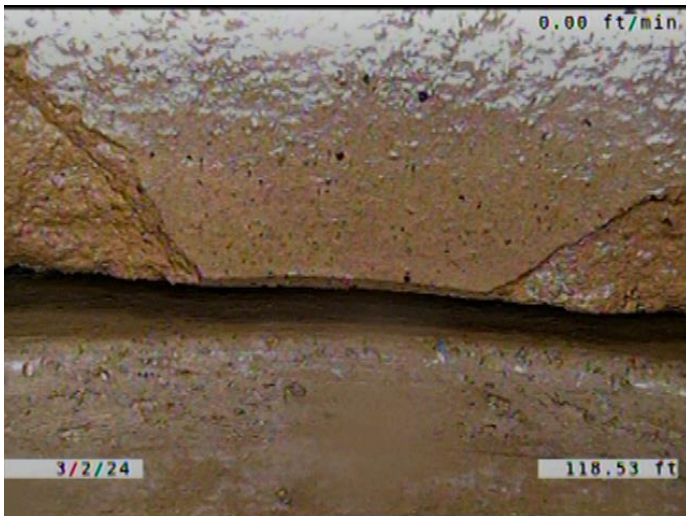
Distance (ft): **51.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



Code: SZ
Description: Surface Damage Other

Distance (ft): 101.9
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 11
Clock To: 12

1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: YES
Remarks: DIMPLE INTO THE PIPE..
MANUFACTURING DEFECT.



Code: SZ
Description: Surface Damage Other

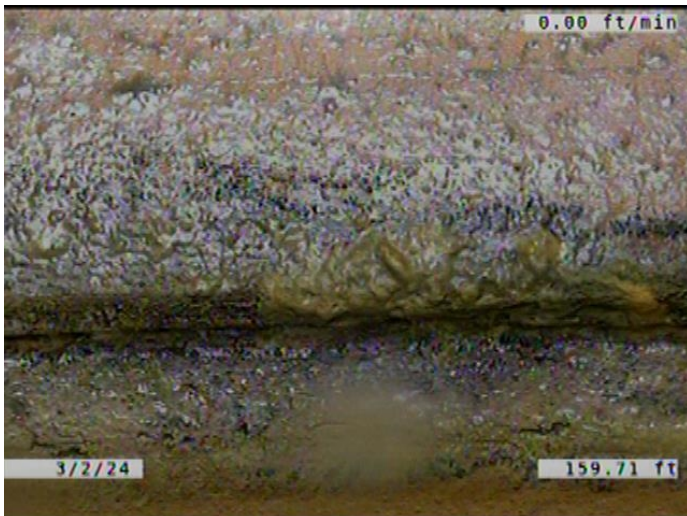
Distance (ft): 118.5
Structural Grade: 0
O&M Grade: 0
Clock Start/From: 2
Clock To: 4

1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: YES
Remarks: PIECES CHIPPED AWAY FROM THE
JOINT.



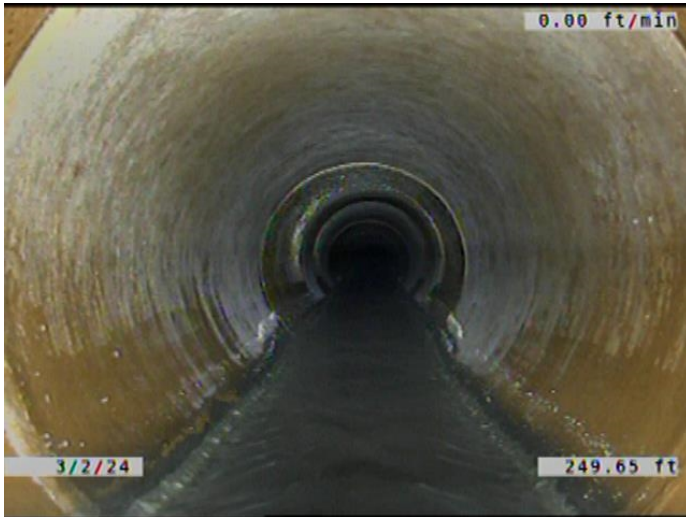
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **130.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:



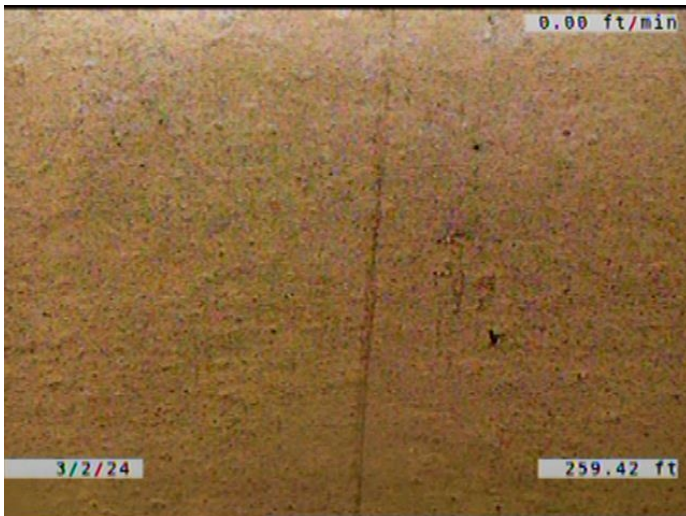
Code: **DAE**
Description: **Deposits Attached Encrustation**

Distance (ft): **159.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **249.6**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:



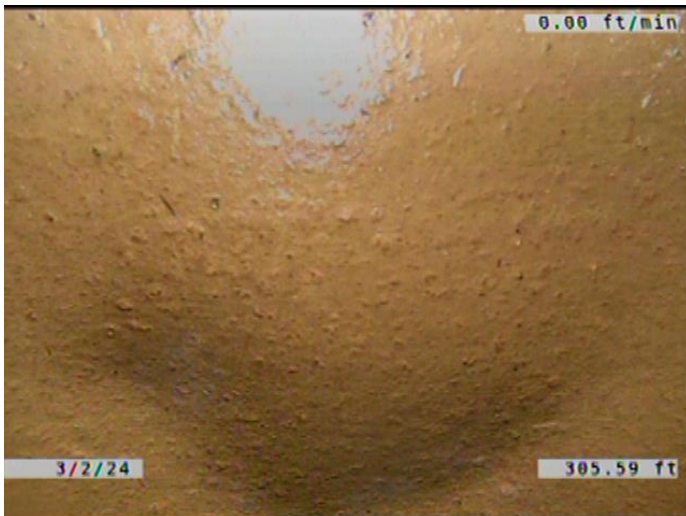
Code: **CL**
Description: **Crack Longitudinal**

Distance (ft): **259.4**
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:



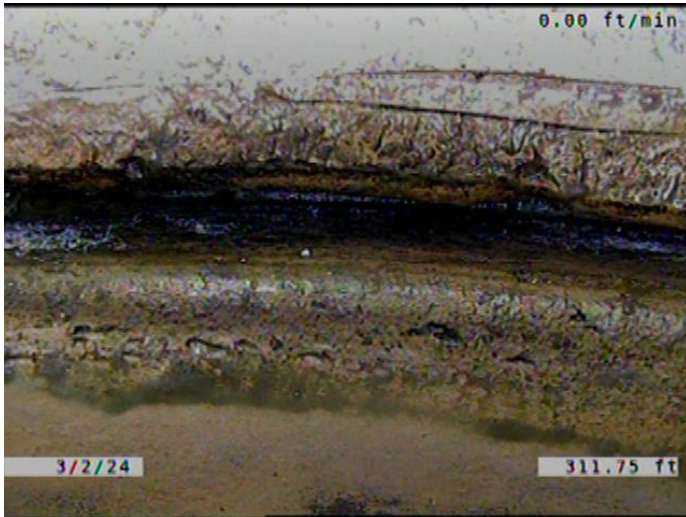
Code: **MWL**
Description: **Miscellaneous Water Level**

Distance (ft): **262.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



Code: **SZ**
Description: **Surface Damage Other**

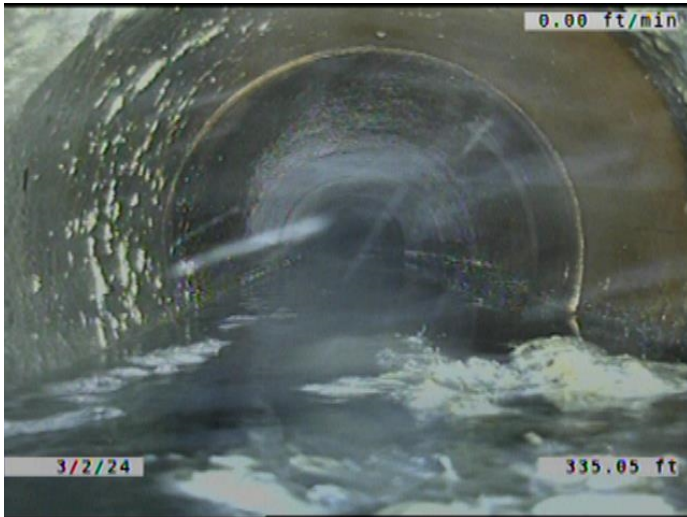
Distance (ft): **305.6**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **12**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **DIMPLE INTO THE PIPE..
MANUFACTURING DEFECT.**



Code:	DAE
Description:	Deposits Attached Encrustation
Distance (ft):	311.8
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	1
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

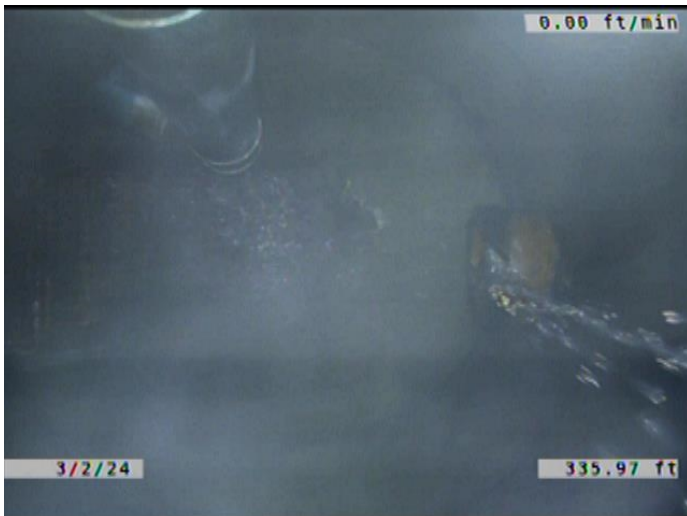


Code:	MWL
Description:	Miscellaneous Water Level
Distance (ft):	324.5
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	35.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	



Code: **DAGS**
 Description: **Deposits Attached Grease**

Distance (ft): **335.1**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **4**
 Clock To: **8**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



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

Distance (ft): **336.0**
 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-303-033**