

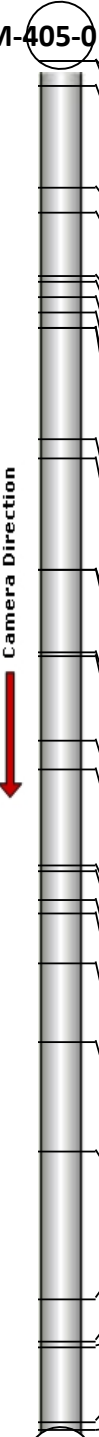
Profile/Photo Observation Report

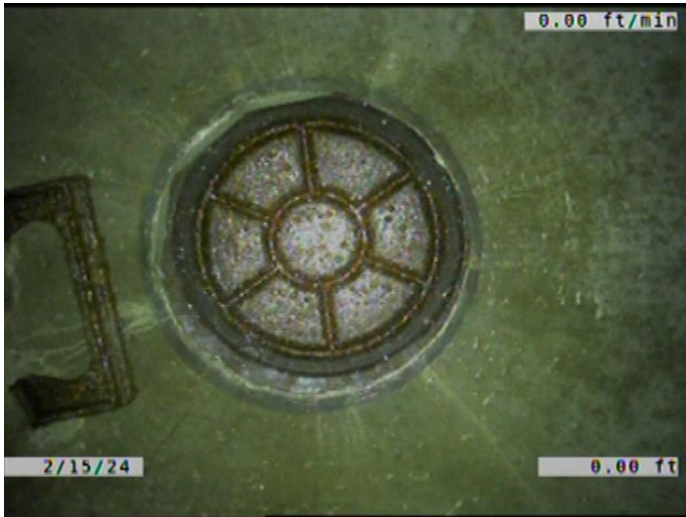


Date:	02/15/2024	Weather:		Coding:	PACP 7.0
Pipe Length (ft):	191.0	Owner:	City of Hobart	Pre Clean:	Heavy Cleaning
P.O.#:	YES502259	Surveyor:	S. Bucklin	PSR:	P-405-014.1-013
Customer:	City of Hobart	Clean Date:	03/15/2023	Shape:	C

Street:	LASALLE PL	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Easement/Right of Way	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary Sewage Pipe	Material:	VCP
Drain Area:		Lining:	None
Category:	NA		
Comment:			
Location Details:		Direction of Survey:	Downstream
US MH:	M-405-014.1	DS MH:	M-405-013
		Total Length Surveyed (ft):	191.1

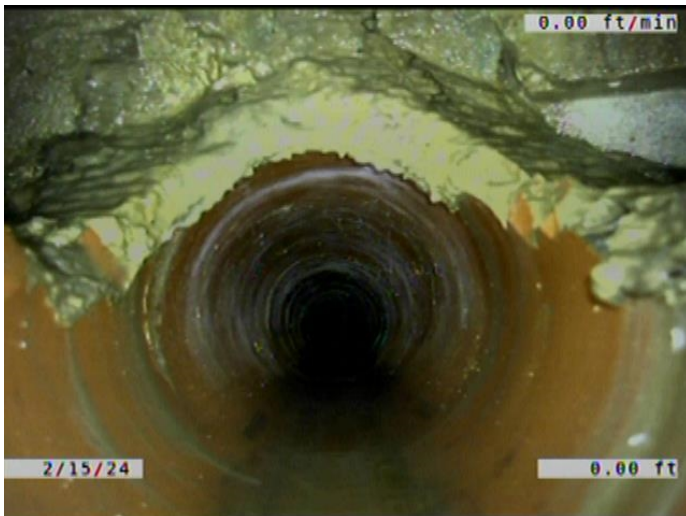
O&M Index:	1.98	O&M Quick:	312G	O&M Rating:	93.00
Structural Index:	2.11	Structural Quick:	322B	Structural Rating:	40.00
Overall Index:	2.02	Overall Quick:	332K	Overall Rating:	133.00

	Position	Code	Observation	Video (sec)	Grade
M-405-014.1					
 Camera Direction	.0	AMH	Manhole	0	NA
	.0	MWL	Miscellaneous Water Level	82	NA
	5.0	DAE(S01)	Deposits Attached Encrustation	159	M 2
	17.7	MWLS(S02)	Miscellaneous Water Level Sag	248	S 2
	21.2	DSF(S03)	Deposits Settled Fine	281	M 2
	30.0	DAR	Deposits Attached Ragging	346	M 2
	30.9	RPR(S04)	Point Repair Replacement	400	NA
	33.0	TF	Tap Factory	432	NA
	35.2	RPR(F04)	Point Repair Replacement	494	NA
	37.3	MWLS(F02)	Miscellaneous Water Level Sag	523	S 2
	37.3	DSF(F03)	Deposits Settled Fine	531	M 2
	52.8	MWLS(S05)	Miscellaneous Water Level Sag	619	S 2
	55.6	DSF(S06)	Deposits Settled Fine	643	M 2
	71.1	MWLS(F05)	Miscellaneous Water Level Sag	722	S 2
	71.1	DSF(F06)	Deposits Settled Fine	730	M 2
	82.6	LR	Line Right	795	M 1
	83.1	JAM	Joint Angular Medium	834	S 3
	95.0	TFD	Tap Factory Defective	941	M 3
	98.9	MWLS(S07)	Miscellaneous Water Level Sag	980	S 2
	112.4	MWLS(F07)	Miscellaneous Water Level Sag	1072	S 2
	113.0	RPR(S08)	Point Repair Replacement	1109	NA
	117.2	TF	Tap Factory	1163	NA
	119.1	RPR(F08)	Point Repair Replacement	1215	NA
	126.0	MWLS(S09)	Miscellaneous Water Level Sag	1280	S 2
	136.9	MWLS(F09)	Miscellaneous Water Level Sag	1373	S 2
	152.2	MWLS(S10)	Miscellaneous Water Level Sag	1453	S 2
	173.0	MWLS(F10)	Miscellaneous Water Level Sag	1663	S 2
	178.7	LD	Line Down	1700	M 1
	179.5	JAM	Joint Angular Medium	1751	S 3
	190.0	DAE(F01)	Deposits Attached Encrustation	1897	M 2
	191.1	AMH	Manhole	2021	NA
M-405-013					



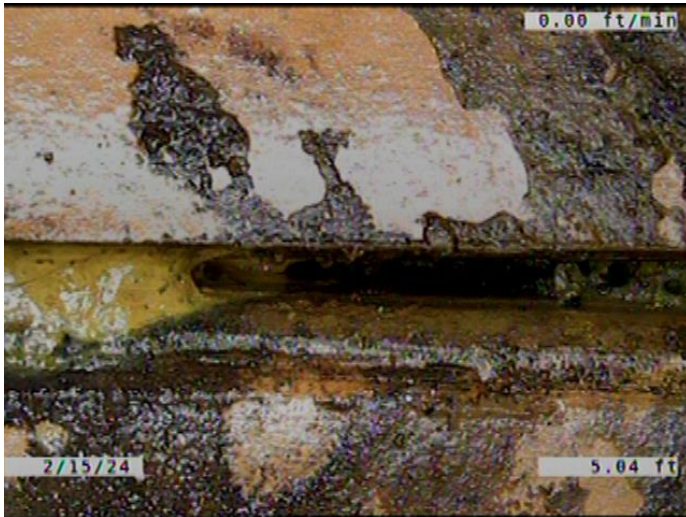
Code: **AMH**
Description: **Manhole**

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-405-014.1**



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

Distance (ft): **5.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:



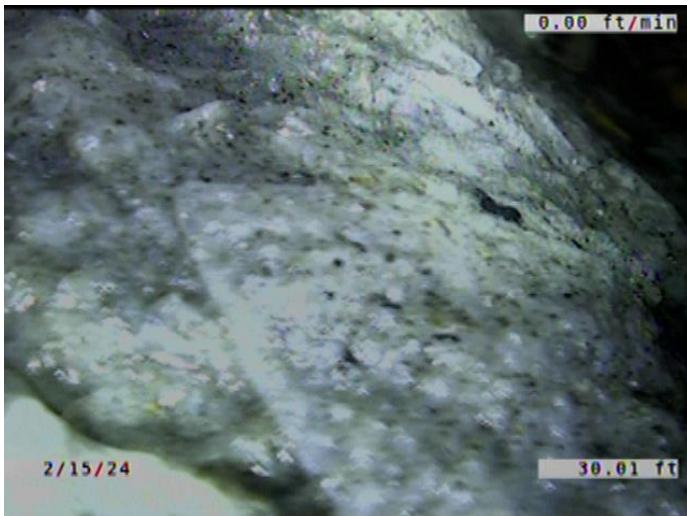
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **17.7**
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: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **21.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S03**
Within 8" of Joint: **YES**
Remarks:



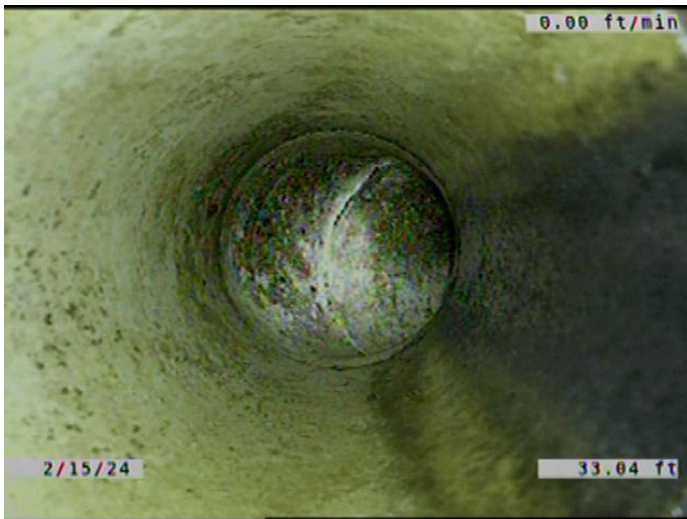
Code: **DAR**
Description: **Deposits Attached Ragging**

Distance (ft): **30.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **4**
Clock To: **8**
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:



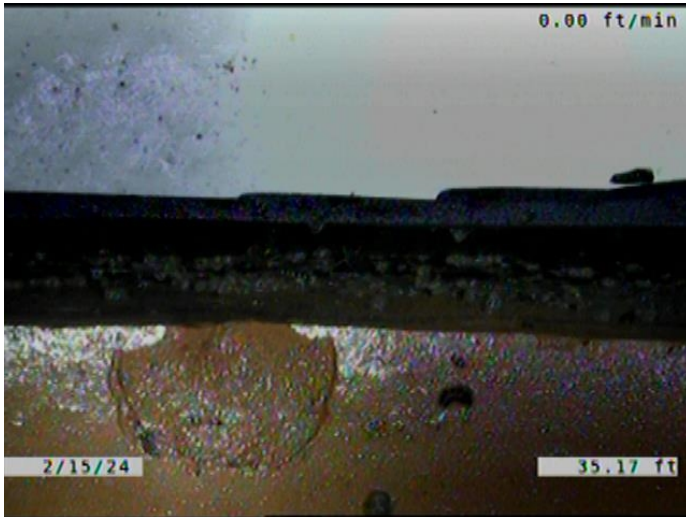
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **30.9**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC**



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

Distance (ft): **33.0**
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: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **35.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F04**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC**



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

Distance (ft): **37.3**
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: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **37.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F03**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **52.8**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **S05**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **55.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **YES**
Remarks:



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

Distance (ft): **71.1**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index: **F05**
Within 8" of Joint: **NO**
Remarks:



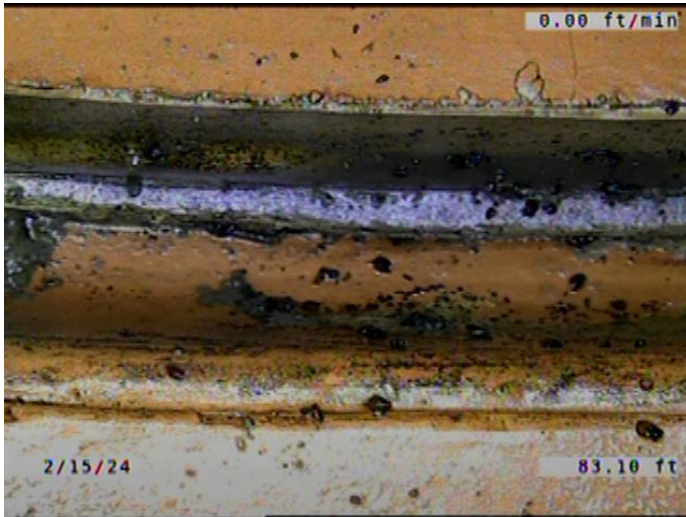
Code: **DSF**
Description: **Deposits Settled Fine**

Distance (ft): **71.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **5**
Clock To: **7**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F06**
Within 8" of Joint: **YES**
Remarks:



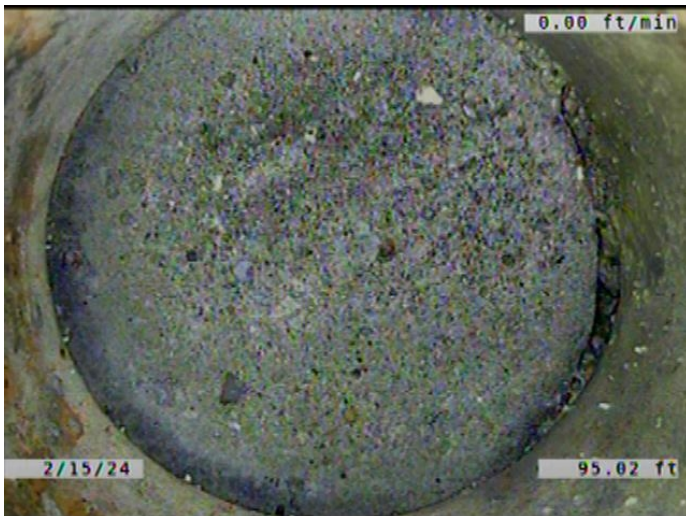
Code: **LR**
Description: **Line Right**

Distance (ft): **82.6**
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:



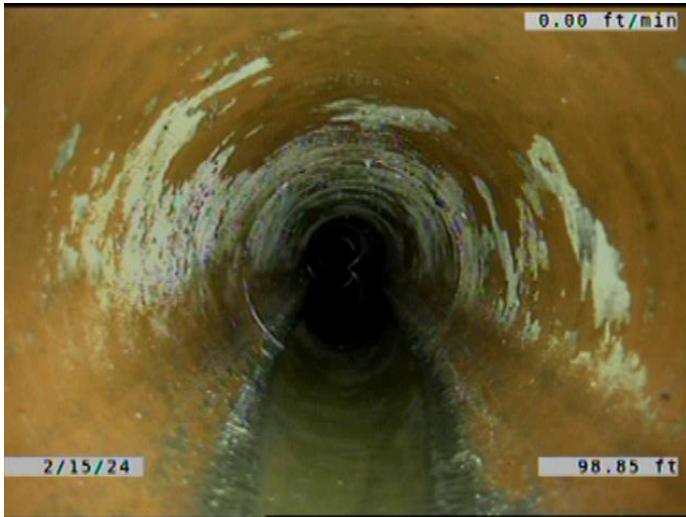
Code: **JAM**
Description: **Joint Angular Medium**

Distance (ft): **83.1**
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: **TFD**
Description: **Tap Factory Defective**

Distance (ft): **95.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **1**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CAPPED. ENCRUSTATION COMING AROUND THE CAP INTO THE MAIN.**



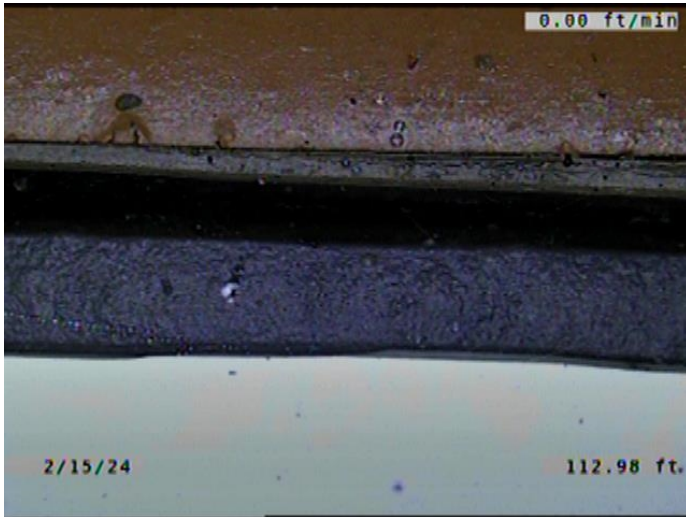
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **98.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S07**
Within 8" of Joint: **NO**
Remarks:



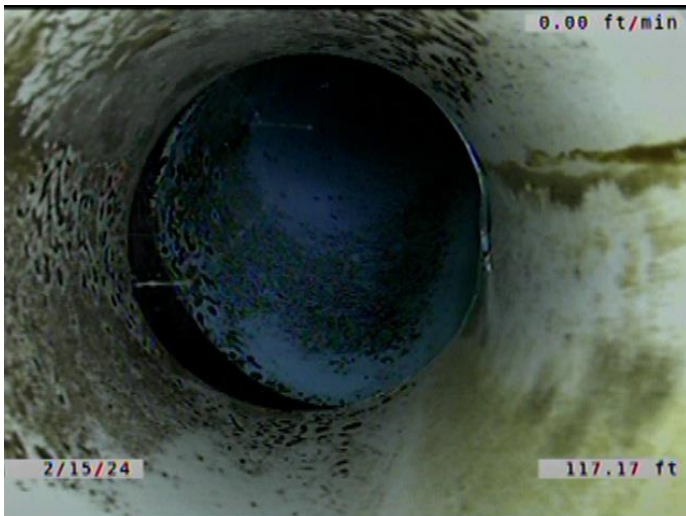
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **112.4**
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:



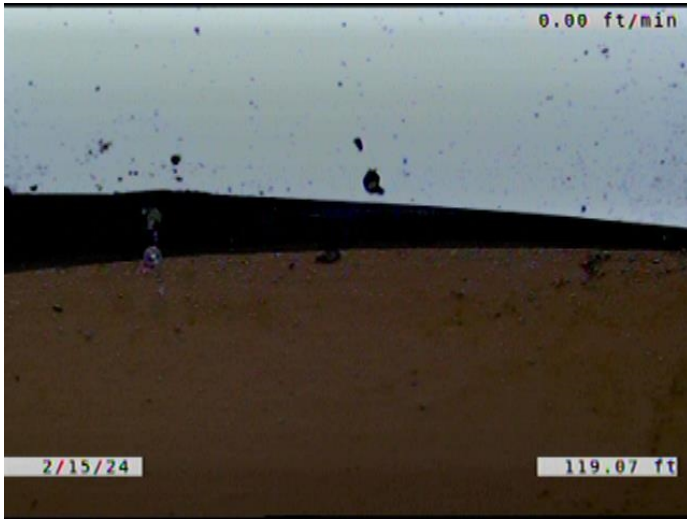
Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **113.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S08**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



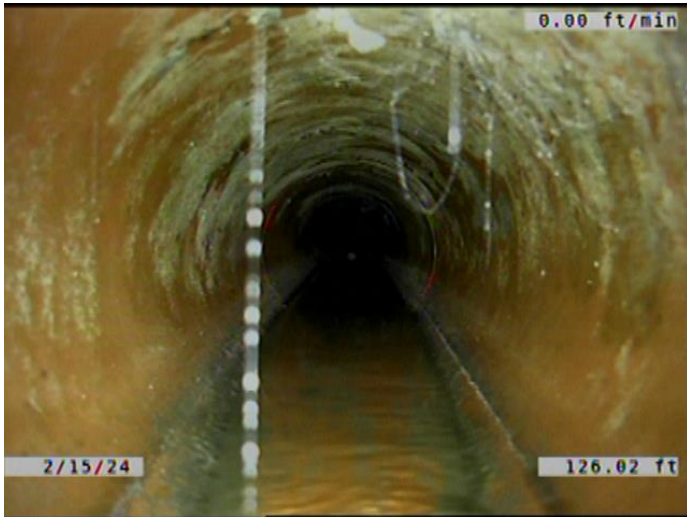
Code: **TF**
Description: **Tap Factory**

Distance (ft): **117.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **6.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **CONSTANTLY RUNNING WATER.**



Code: **RPR**
Description: **Point Repair Replacement**

Distance (ft): **119.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F08**
Within 8" of Joint: **YES**
Remarks: **REPLACED WITH PVC.**



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

Distance (ft): **126.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S09**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **136.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F09**
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **152.2**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **S10**
Within 8" of Joint: **NO**
Remarks:



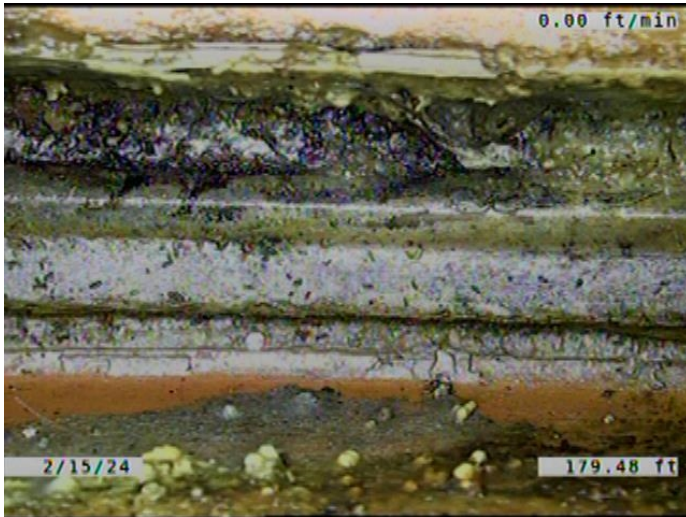
Code: **MWLS**
Description: **Miscellaneous Water Level Sag**

Distance (ft): **173.0**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index: **F10**
Within 8" of Joint: **NO**
Remarks:



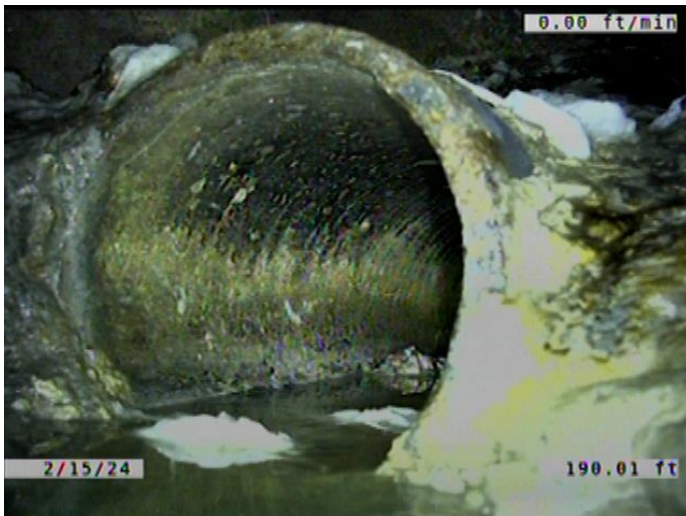
Code: **LD**
Description: **Line Down**

Distance (ft): **178.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **10.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:



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

Distance (ft): **179.5**
 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): **190.0**
 Structural Grade: **0**
 O&M Grade: **2**
 Clock Start/From: **7**
 Clock To: **5**
 1st Value:
 2nd Value:
 Value Percent: **5.000**
 Continuous Index: **F01**
 Within 8" of Joint: **YES**
 Remarks:



Code:	AMH
Description:	Manhole
Distance (ft):	191.1
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-405-013