

## Profile/Photo Observation Report

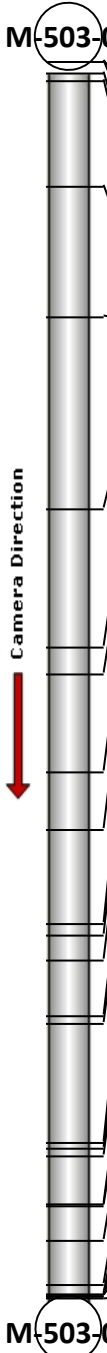


Date:	<b>09/18/2021</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>328.9</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Light Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>P-503-045-062</b>
Customer:	<b>City of Hobart</b>	Clean Date:	<b>08/25/2021</b>	Shape:	<b>C</b>

Street:	<b>North Wisconsin Street</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>10"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		
Comment:			

Location Details:	<b>JUST OFF THE SW CORNER OF THE C</b>	Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-503-062</b>	DS MH:	<b>M-503-045</b>
		Total Length Surveyed (ft):	<b>328.9</b>

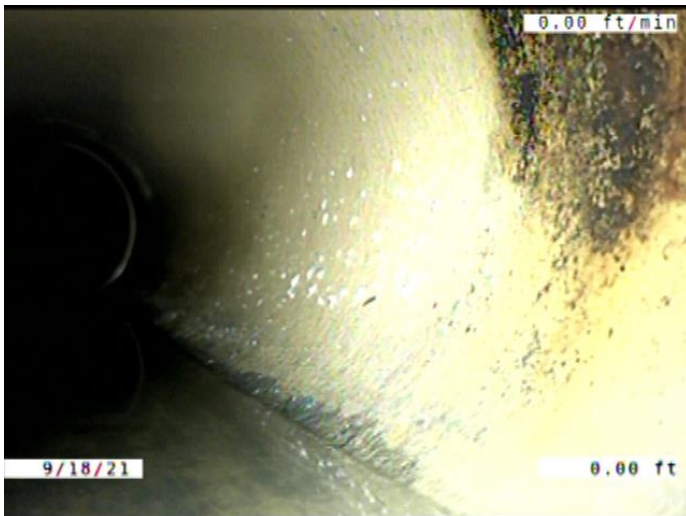
O&M Index:	<b>2.02</b>	O&M Quick:	<b>342P</b>	O&M Rating:	<b>186.00</b>
Structural Index:	<b>2.50</b>	Structural Quick:	<b>4226</b>	Structural Rating:	<b>20.00</b>
Overall Index:	<b>2.06</b>	Overall Quick:	<b>4234</b>	Overall Rating:	<b>206.00</b>

	Position	Code	Observation	Video (sec)	Grade
					
	M-503-062				
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	70	NA
	3.0	ISJ	Infiltration Stain Joint	126	M 1
	8.2	DAE(S01)	Deposits Attached Encrustation	182	M 2
	33.0	IWJ	Infiltration Weeper Joint	306	M 2
	68.1	OBN	Obstruction Construction Debris	446	M 2
	118.9	IDJ	Infiltration Dripper Joint	605	M 3
	155.9	MWLS(S02)	Miscellaneous Water Level Sag	724	S 2
	163.0	MWLS(F02)	Miscellaneous Water Level Sag	758	S 2
	189.0	MWLS	Miscellaneous Water Level Sag	847	S 2
	204.3	RFJ	Roots Fine Joint	913	M 1
	229.4	MWLS(S03)	Miscellaneous Water Level Sag	1006	S 2
	232.6	DSF(S04)	Deposits Settled Fine	1027	M 2
	239.2	MWLS(F03)	Miscellaneous Water Level Sag	1061	S 2
	254.0	MWLS	Miscellaneous Water Level Sag	1117	S 2
	256.1	TFD	Tap Factory Defective	1140	M 3
	287.5	MMC	Miscellaneous Material Change	1265	NA
	289.0	TF	Tap Factory	1297	NA
	291.2	MMC	Miscellaneous Material Change	1363	NA
	303.7	B	Broken	1460	S 4
	304.2	TBI	Tap Break-in Intruding	1479	M 2
	313.7	MWLS	Miscellaneous Water Level Sag	1551	S 2
	325.2	OBN	Obstruction Construction Debris	1611	M 3
	327.8	B	Broken	1698	S 4
	327.8	TFD	Tap Factory Defective	1719	M 3
	328.4	DAE(F01)	Deposits Attached Encrustation	1794	M 2
	328.4	DSF(F04)	Deposits Settled Fine	1804	M 2
	328.9	AMH	Manhole	1899	NA
	M-503-045				



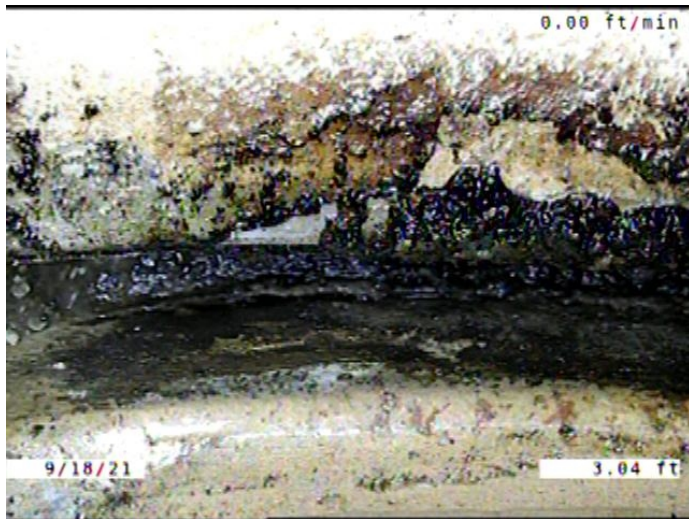
Code: **AMH**  
 Description: **Manhole**

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-503-062**



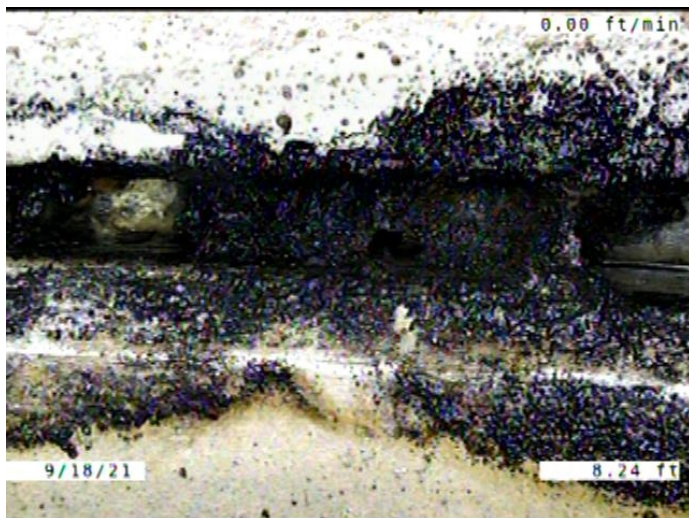
Code: **MWL**  
 Description: **Miscellaneous Water Level**

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: **ISJ**  
 Description: **Infiltration Stain Joint**

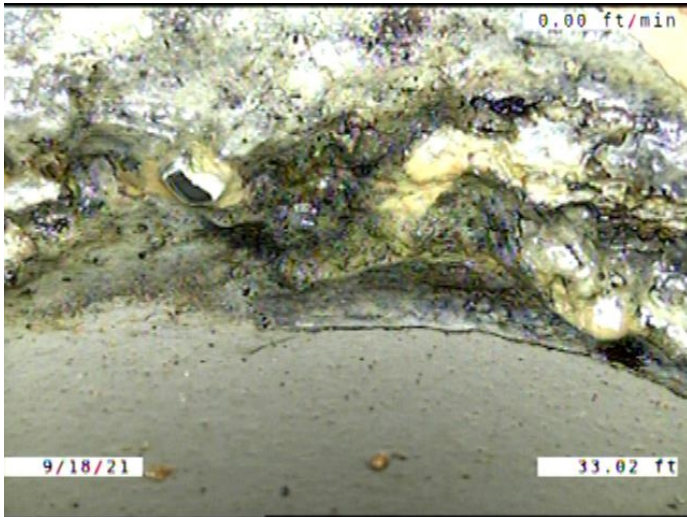
Distance (ft): **3.0**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **8**  
 Clock To: **11**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **8.2**  
 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:





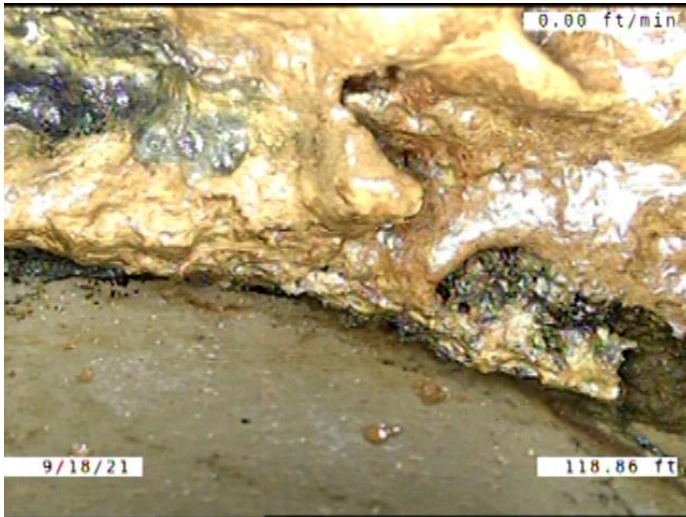
Code: **IWJ**  
 Description: **Infiltration Weeper Joint**

Distance (ft): **33.0**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **12**  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



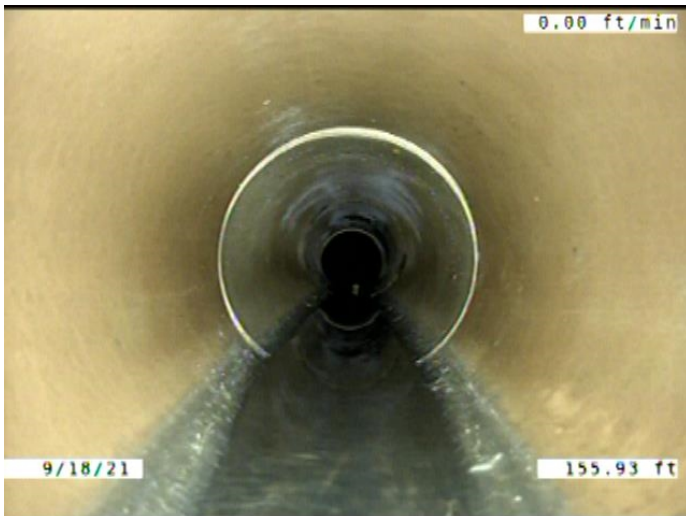
Code: **OBN**  
 Description: **Obstruction Construction Debris**

Distance (ft): **68.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **6**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **118.9**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To: **3**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **155.9**  
 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): **163.0**  
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:

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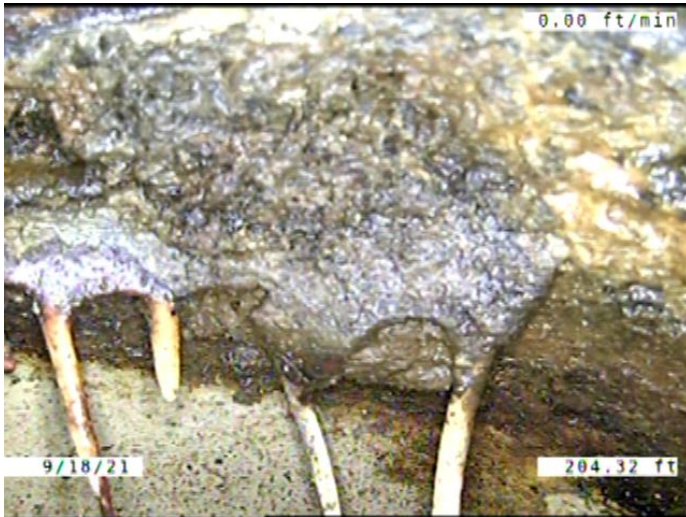


Code: **MWLS**  
Description: **Miscellaneous Water Level Sag**

Distance (ft): **189.0**  
Structural Grade: **2**  
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: **RFJ**  
 Description: **Roots Fine Joint**

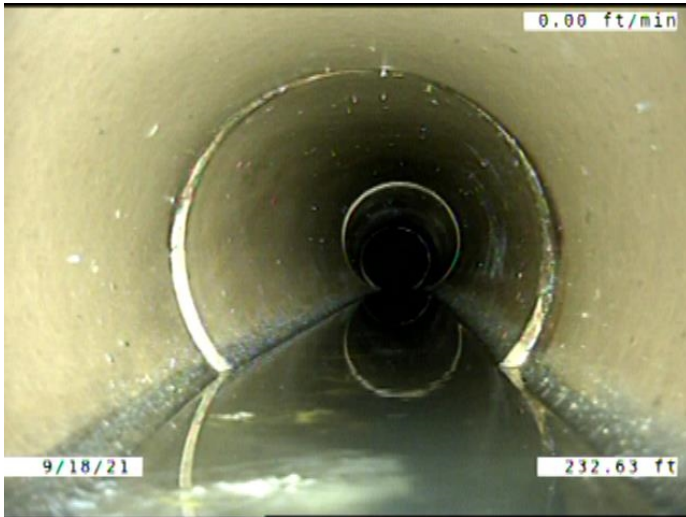
Distance (ft): **204.3**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **1**  
 Clock To: **2**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **229.4**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S03**  
 Within 8" of Joint: **NO**  
 Remarks:





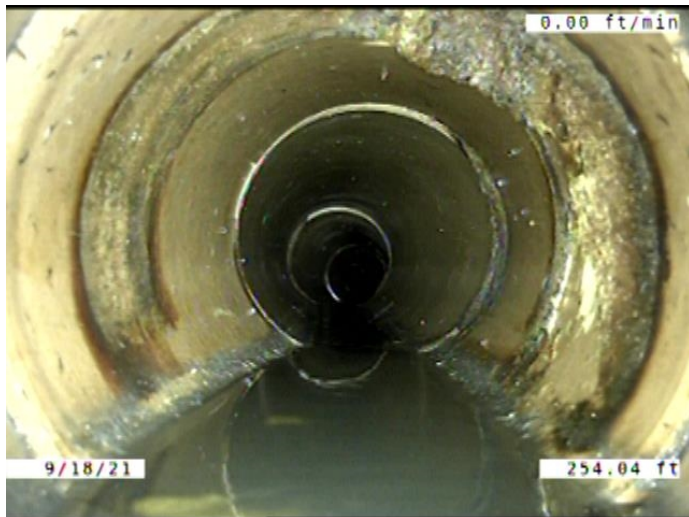
Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **232.6**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **S04**  
 Within 8" of Joint: **YES**  
 Remarks:



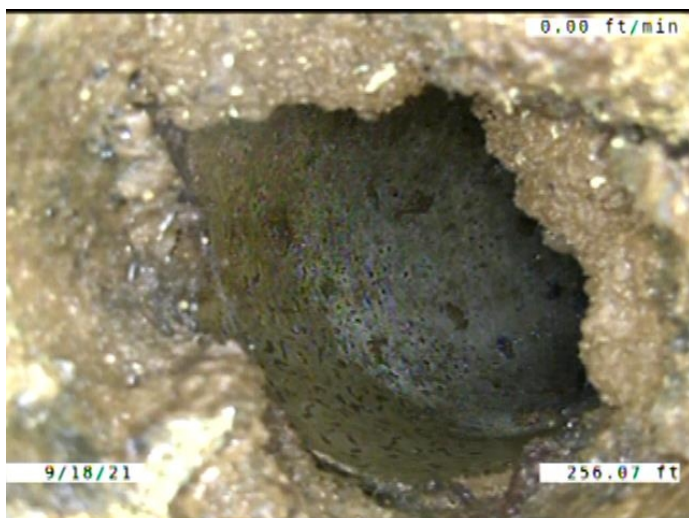
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **239.2**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F03**  
 Within 8" of Joint: **NO**  
 Remarks:



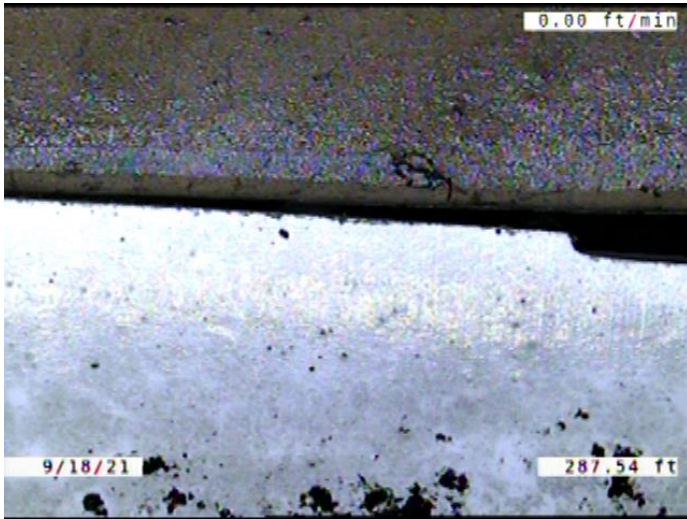
Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **254.0**  
 Structural Grade: **2**  
 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:



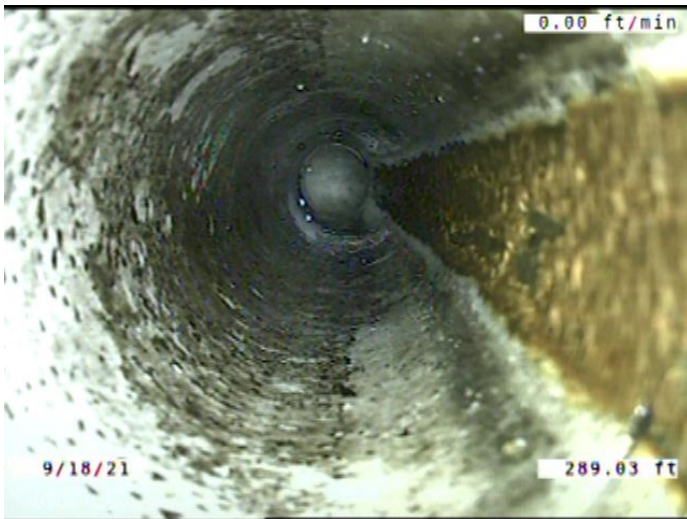
Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **256.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **ENCRUSTATION ALL AROUND THE TAP CONNECTION**



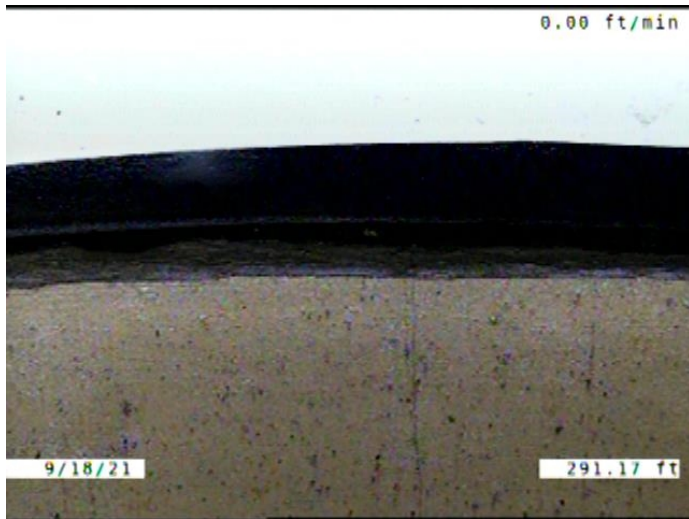
Code: **MMC**  
 Description: **Miscellaneous Material Change**

Distance (ft): **287.5**  
 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: **VCP TO PVC**



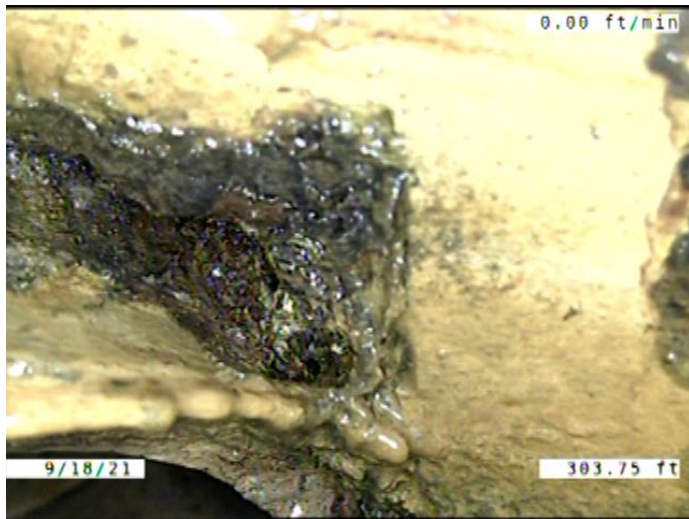
Code: **TF**  
 Description: **Tap Factory**

Distance (ft): **289.0**  
 Structural Grade: **0**  
 O&M Grade: **0**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



Code: **MMC**  
Description: **Miscellaneous Material Change**

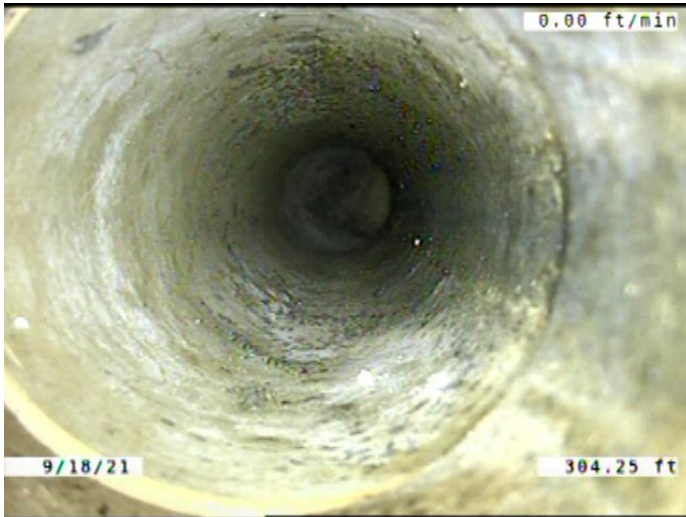
Distance (ft): **291.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks: **PVC TO VCP**



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

Distance (ft): **303.7**  
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:

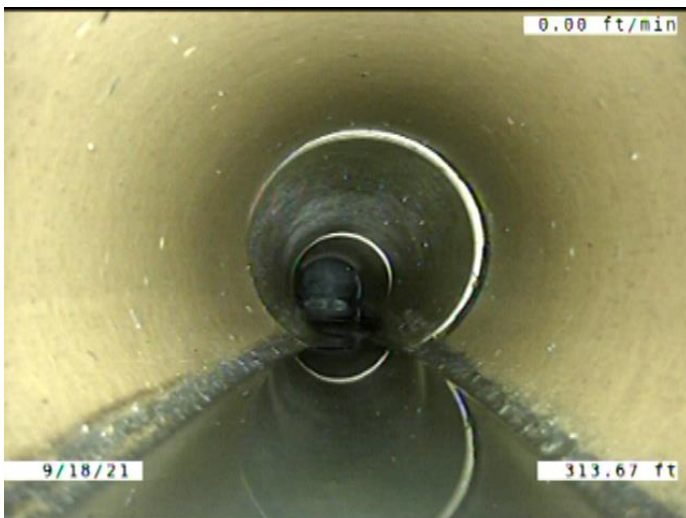




Code: **TBI**  
 Description: **Tap Break-in Intruding**

Distance (ft): **304.2**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **1**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value: **2.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:

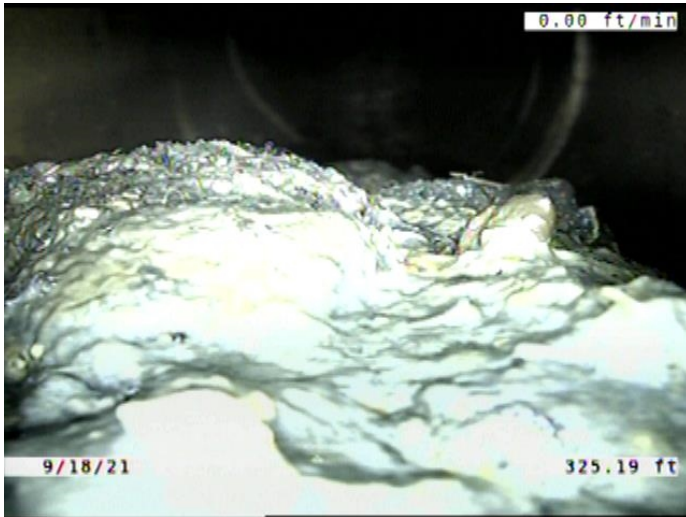
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Code: **MWLS**  
 Description: **Miscellaneous Water Level Sag**

Distance (ft): **313.7**  
 Structural Grade: **2**  
 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:

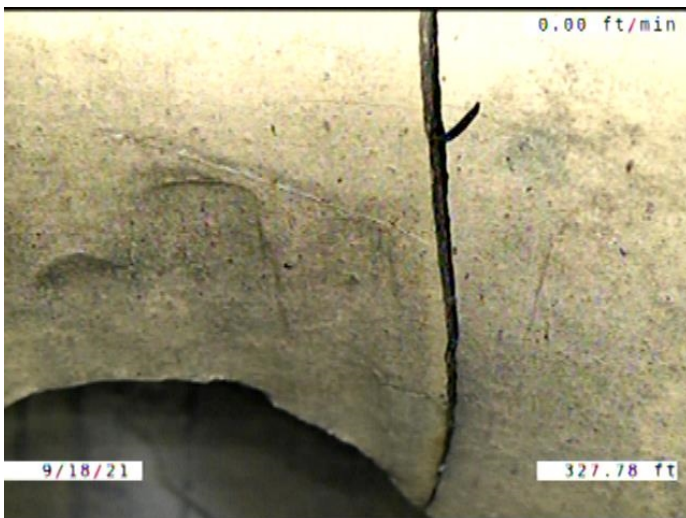
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Code: **OBN**  
 Description: **Obstruction Construction Debris**

Distance (ft): **325.2**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

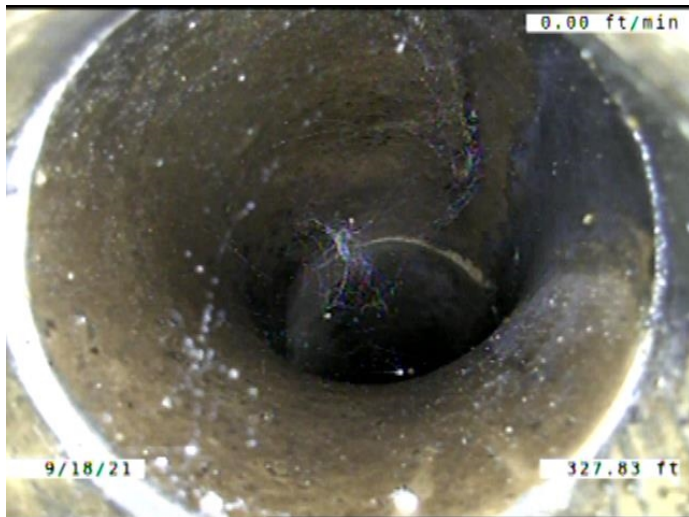
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Code: **B**  
 Description: **Broken**

Distance (ft): **327.8**  
 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:

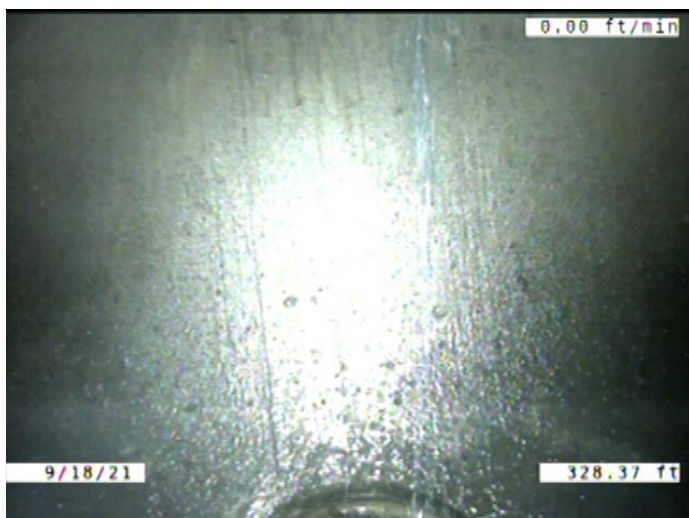
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Code: **TFD**  
 Description: **Tap Factory Defective**

Distance (ft): **327.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **4.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **Defective**

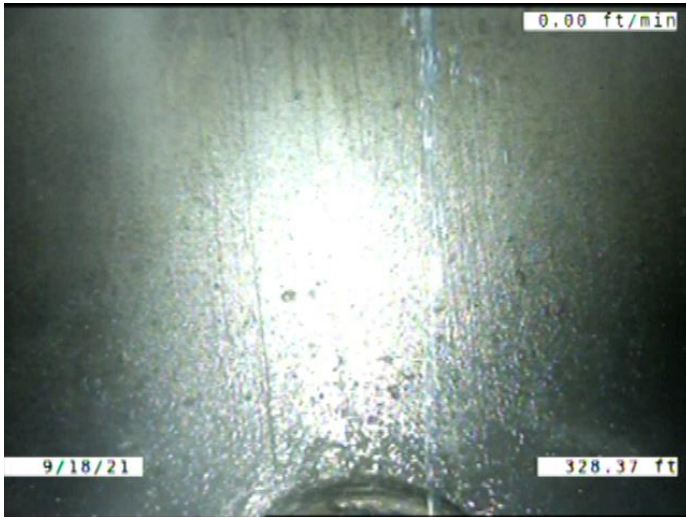
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Code: **DAE**  
 Description: **Deposits Attached Encrustation**

Distance (ft): **328.4**  
 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:

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

Distance (ft): **328.4**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **5.000**  
 Continuous Index: **F04**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **328.9**  
 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-503-045**