

## Profile/Photo Observation Report



Date:	<b>09/17/2022</b>	Weather:		Coding:	<b>PACP 7.0</b>
Pipe Length (ft):	<b>214.4</b>	Owner:	<b>City of Hobart</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:	<b>YES502259</b>	Surveyor:	<b>S. Bucklin</b>	PSR:	<b>M-705-050-M-705-085</b>
Customer:	<b>City of Hobart</b>	Clean Date:		Shape:	<b>C</b>

Street:	<b>New Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Local rural streets with light traffic, t</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>8"</b>
Use:	<b>Sanitary Sewage Pipe</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	<b>None</b>
Category:	<b>NA</b>		

Comment:

Location Details:

Direction of Survey:

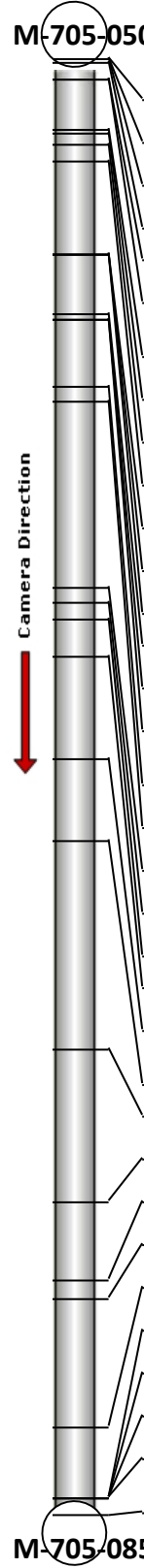
**Downstream**

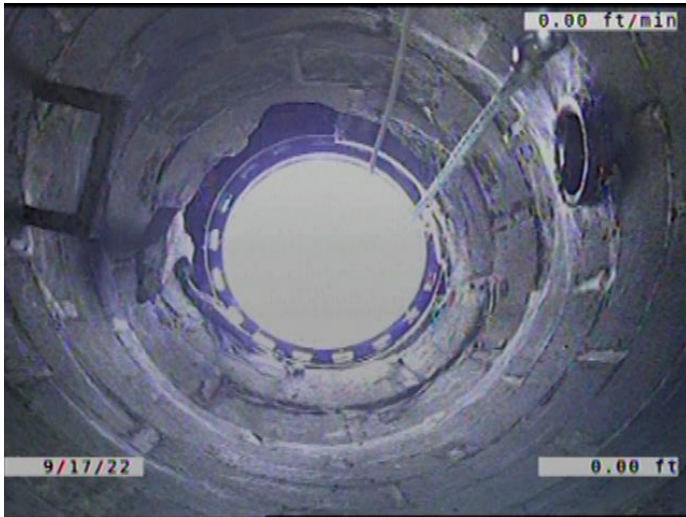
US MH: **M-705-050**

DS MH: **M-705-085**

Total Length Surveyed (ft): **207.8**

O&M Index:	<b>1.73</b>	O&M Quick:	<b>3A2G</b>	O&M Rating:	<b>157.00</b>
Structural Index:	<b>3.85</b>	Structural Quick:	<b>514G</b>	Structural Rating:	<b>185.00</b>
Overall Index:	<b>2.46</b>	Overall Quick:	<b>514G</b>	Overall Rating:	<b>342.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	1	NA
	.0	MWL	Miscellaneous Water Level	73	NA
	.0	DSF(S01)	Deposits Settled Fine	81	M 3
	.5	OBN	Obstruction Construction Debris	102	M 2
	4.5	B	Broken	227	S 4
	4.5	FM(S02)	Fracture Multiple	230	S 4
	10.0	SMW	Surface Damage Missing Wall	279	S 5
	10.5	TBI	Tap Break-in Intruding	311	M 2
	12.2	TFD	Tap Factory Defective	342	M 3
	14.5	TFD	Tap Factory Defective	375	M 3
	27.8	RFJ(S03)	Roots Fine Joint	482	M 1
	27.8	DSF(F01)	Deposits Settled Fine	500	M 3
	27.8	DSF(S04)	Deposits Settled Fine	511	M 2
	38.1	RMJ	Roots Medium Joint	591	M 3
	38.8	VC	Vermin Cockroach	610	M 1
	38.9	TF	Tap Factory	627	NA
	46.7	RMJ	Roots Medium Joint	715	M 3
	48.8	TFD	Tap Factory Defective	767	M 3
	75.5	TFD	Tap Factory Defective	960	M 3
	77.7	TFC	Tap Factory Capped	997	NA
	80.1	TBI	Tap Break-in Intruding	1057	M 2
	86.9	VC	Vermin Cockroach	1143	M 1
	101.5	B	Broken	1254	S 4
	111.7	DAE	Deposits Attached Encrustation	1361	M 2
	142.9	JAM	Joint Angular Medium	1640	S 3
	164.8	TFD	Tap Factory Defective	1792	M 3
	175.9	JOM	Joint Offset Medium	1930	S 3
	178.6	MWLS	Miscellaneous Water Level Sag	1966	S 2
	196.9	MWLS(S05)	Miscellaneous Water Level Sag	2112	S 2
	206.9	FM(F02)	Fracture Multiple	2232	S 4
	206.9	DSF(F04)	Deposits Settled Fine	2240	M 2
	206.9	RFJ(F03)	Roots Fine Joint	2248	M 1
	206.9	MWLS(F05)	Miscellaneous Water Level Sag	2256	S 2
	207.8	AMH	Manhole	2416	NA
M-705-085					



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-705-050**



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:



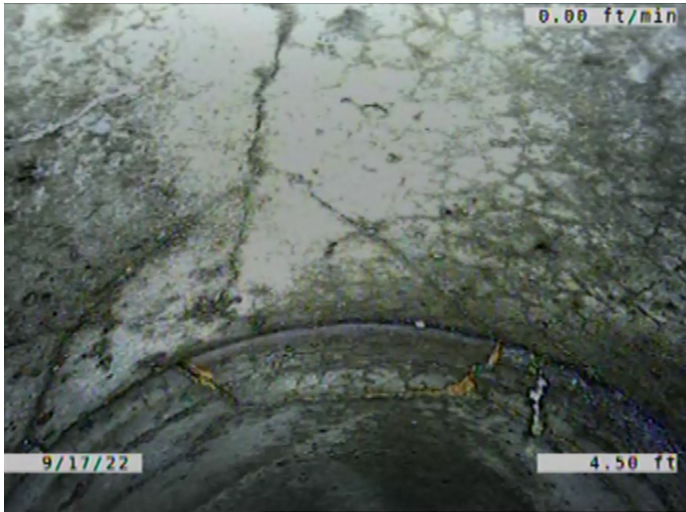
Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **.0**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **S01**  
 Within 8" of Joint: **YES**  
 Remarks:



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

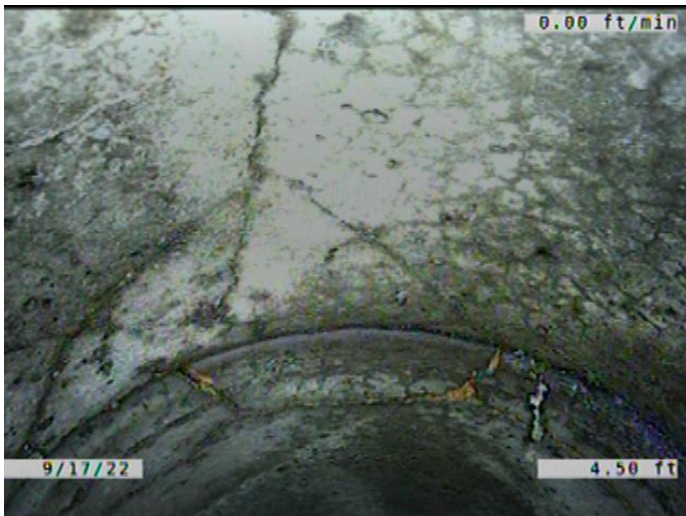
Distance (ft): **.5**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **5**  
 Clock To: **7**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **4.5**  
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: **YES**  
Remarks:

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

Distance (ft): **4.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

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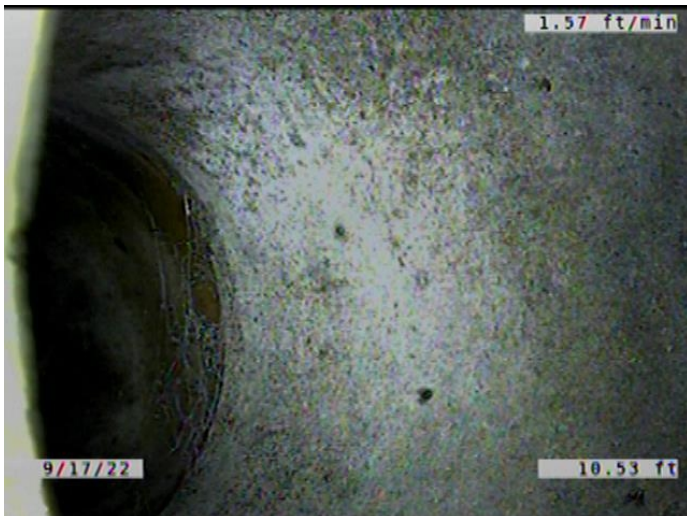




Code: **SMW**  
Description: **Surface Damage Missing Wall**

Distance (ft): **10.0**  
Structural Grade: **5**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

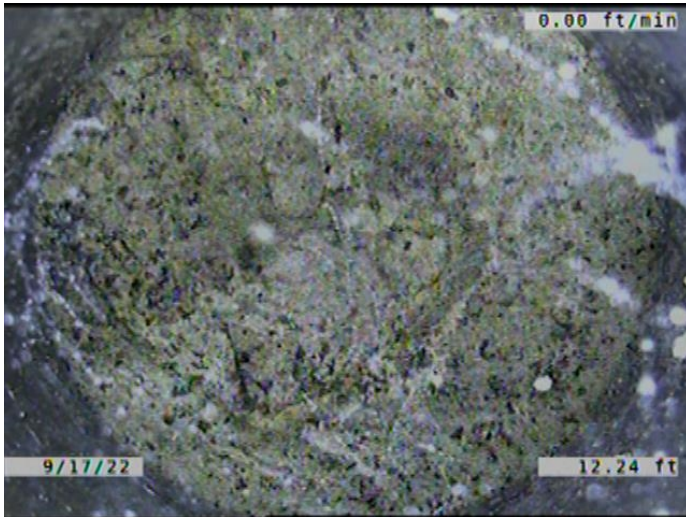
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Code: **TBI**  
Description: **Tap Break-in Intruding**

Distance (ft): **10.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value: **2.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

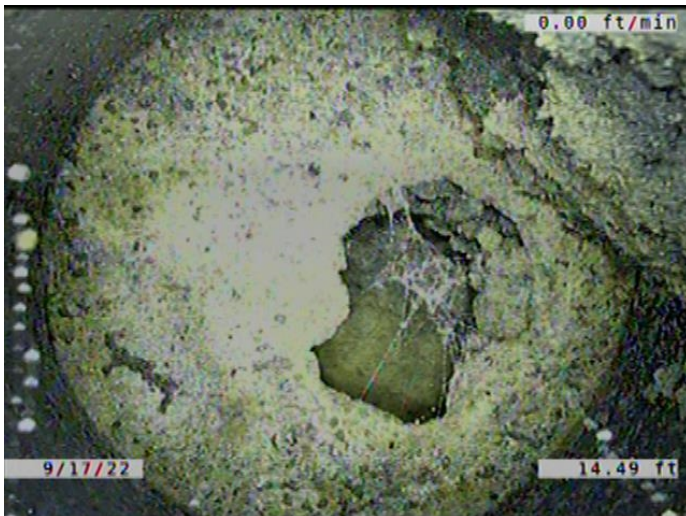
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Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **12.2**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAP MISSING. SOIL VISIBLE.**

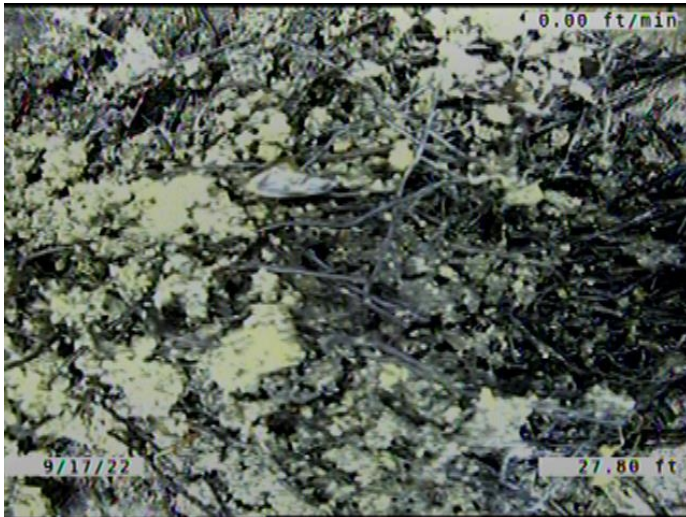
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Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **14.5**  
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: **CAP MISSING. SOIL AND VOID VISIBLE.**

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Code: **RFJ**  
 Description: **Roots Fine Joint**

Distance (ft): **27.8**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index: **S03**  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **27.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **4**  
 Clock To: **8**  
 1st Value:  
 2nd Value:  
 Value Percent: **15.000**  
 Continuous Index: **F01**  
 Within 8" of Joint: **YES**  
 Remarks:

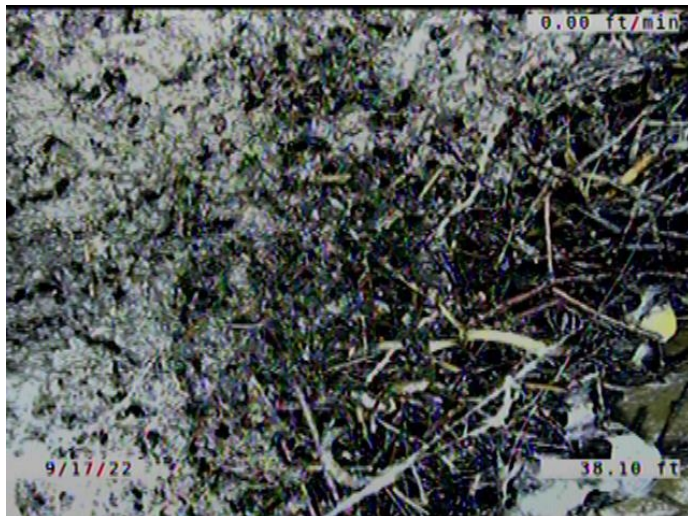




Code: **DSF**  
 Description: **Deposits Settled Fine**

Distance (ft): **27.8**  
 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:

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Code: **RMJ**  
 Description: **Roots Medium Joint**

Distance (ft): **38.1**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **7**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

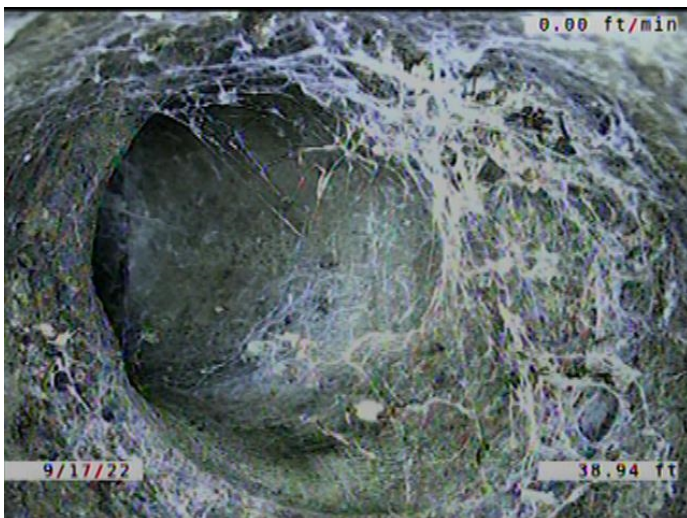
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Code: **VC**  
Description: **Vermin Cockroach**

Distance (ft): **38.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

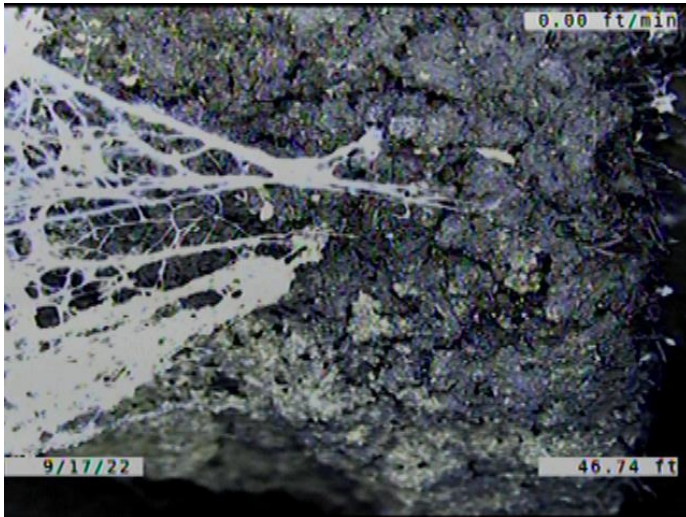
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Code: **TF**  
Description: **Tap Factory**

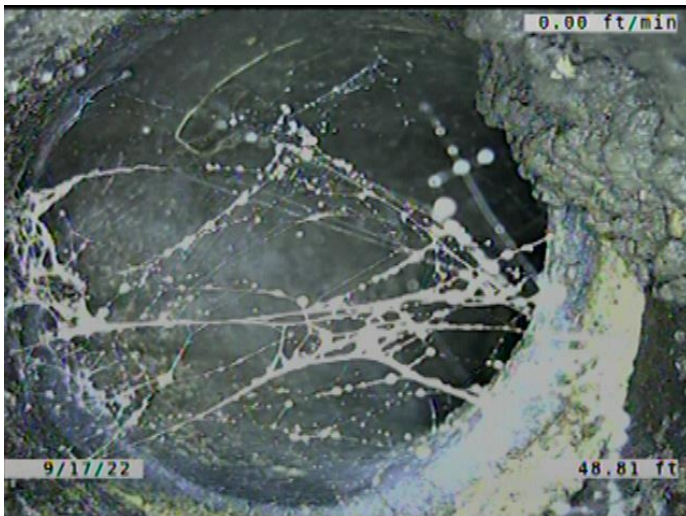
Distance (ft): **38.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **RMJ**  
 Description: **Roots Medium Joint**

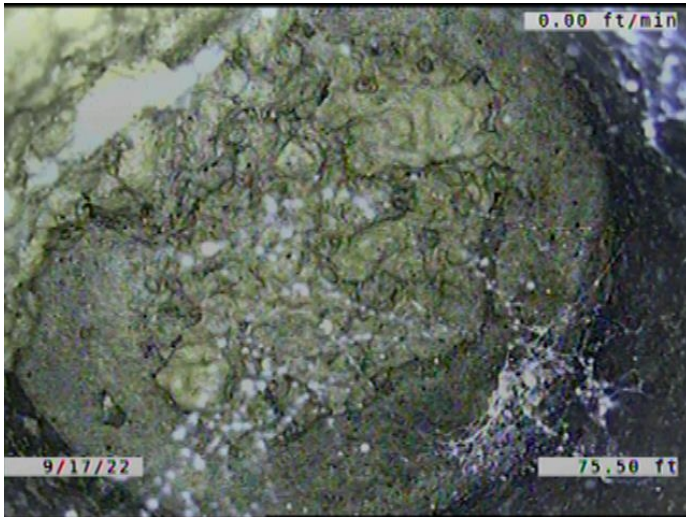
Distance (ft): **46.7**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **10**  
 Clock To: **5**  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:



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

Distance (ft): **48.8**  
 Structural Grade: **0**  
 O&M Grade: **3**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks: **TAP CRACKED. SERVICE OFFSET. SOIL VISIBLE.**

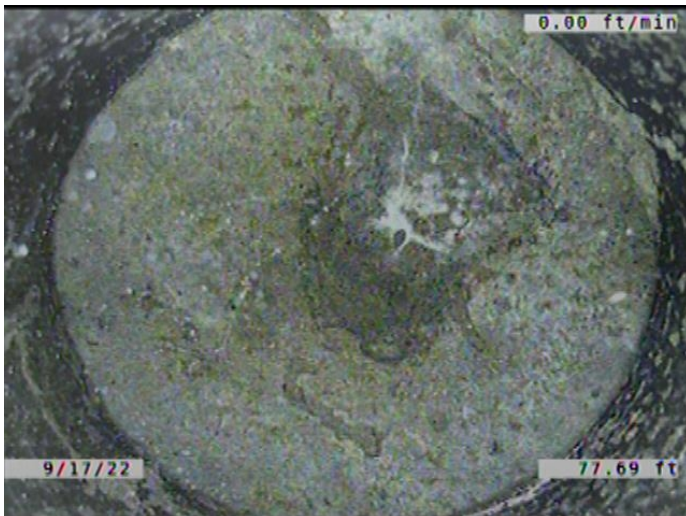




Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **75.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAP MISSING. SOIL VISIBLE.**

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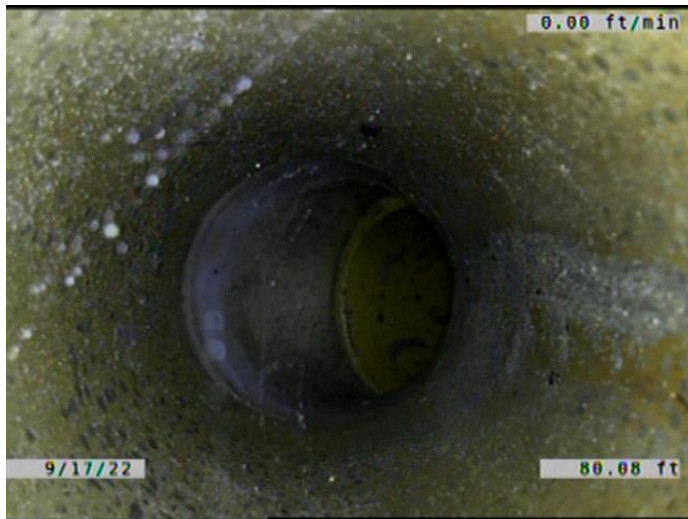


Code: **TFC**  
Description: **Tap Factory Capped**

Distance (ft): **77.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
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): **80.1**  
 Structural Grade: **0**  
 O&M Grade: **2**  
 Clock Start/From: **2**  
 Clock To:  
 1st Value: **6.000**  
 2nd Value: **1.000**  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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Code: **VC**  
 Description: **Vermin Cockroach**

Distance (ft): **86.9**  
 Structural Grade: **0**  
 O&M Grade: **1**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **YES**  
 Remarks:

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

Distance (ft): **101.5**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

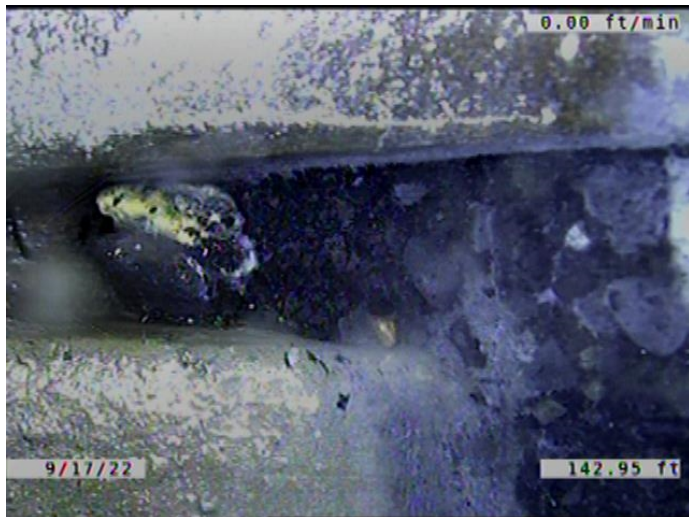
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Code: **DAE**  
Description: **Deposits Attached Encrustation**

Distance (ft): **111.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

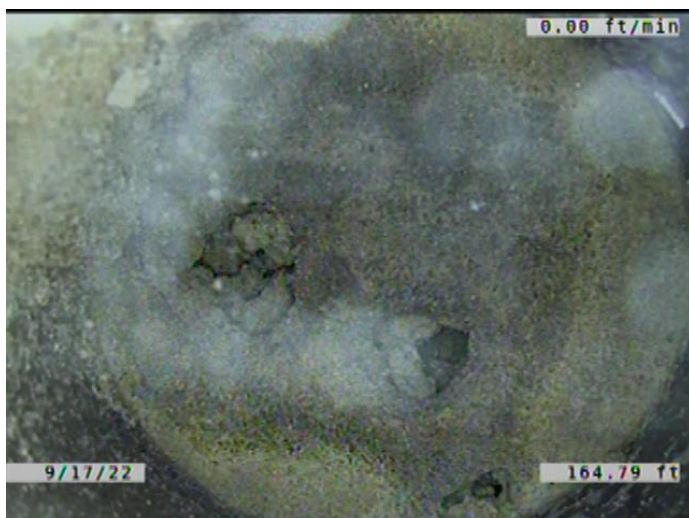
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Code: **JAM**  
Description: **Joint Angular Medium**

Distance (ft): **142.9**  
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:

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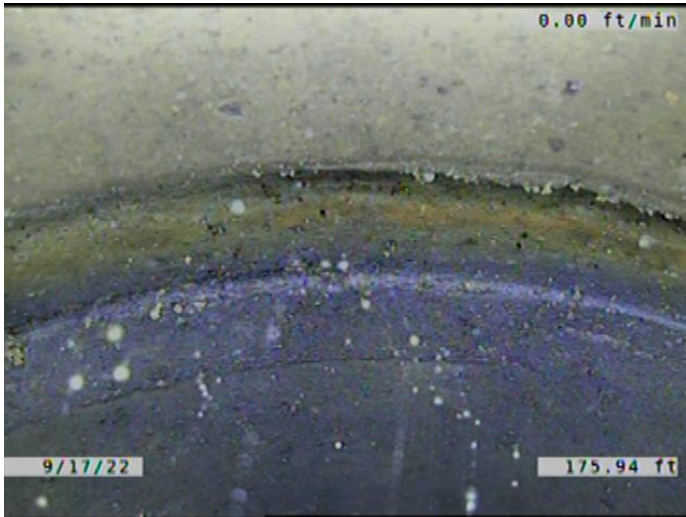


Code: **TFD**  
Description: **Tap Factory Defective**

Distance (ft): **164.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **11**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks: **CAP MISSING. SOIL VISIBLE.**

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Code: **JOM**  
 Description: **Joint Offset Medium**

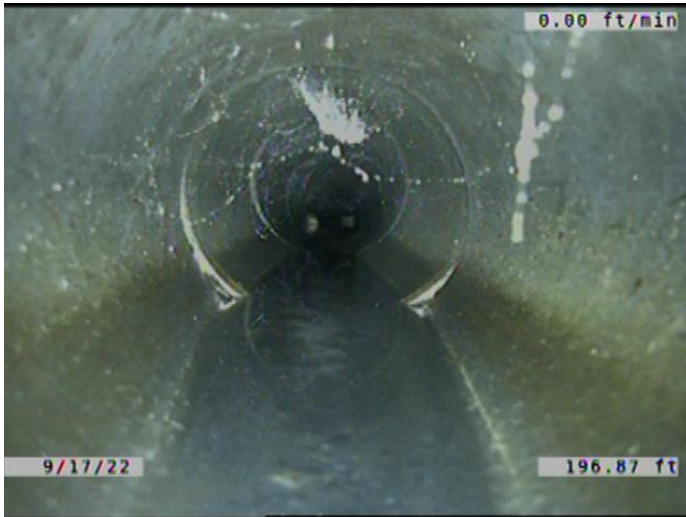
Distance (ft): **175.9**  
 Structural Grade: **3**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent:  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:



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

Distance (ft): **178.6**  
 Structural Grade: **2**  
 O&M Grade: **0**  
 Clock Start/From:  
 Clock To:  
 1st Value:  
 2nd Value:  
 Value Percent: **10.000**  
 Continuous Index:  
 Within 8" of Joint: **NO**  
 Remarks:





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

Distance (ft): **196.9**  
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:

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

Distance (ft): **206.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **206.9**  
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:

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Code: **RFJ**  
Description: **Roots Fine Joint**

Distance (ft): **206.9**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F03**  
Within 8" of Joint: **YES**  
Remarks:

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

Distance (ft): **206.9**  
 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: **AMH**  
 Description: **Manhole**

Distance (ft): **207.8**  
 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: **M-705-085**