

## Profile/Photo Observation Report

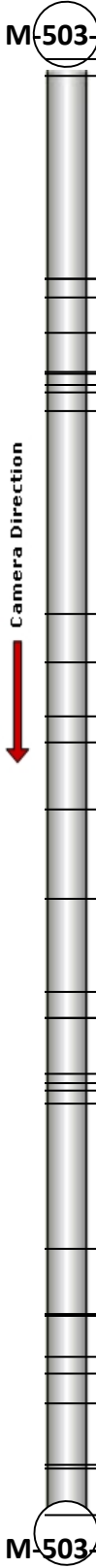


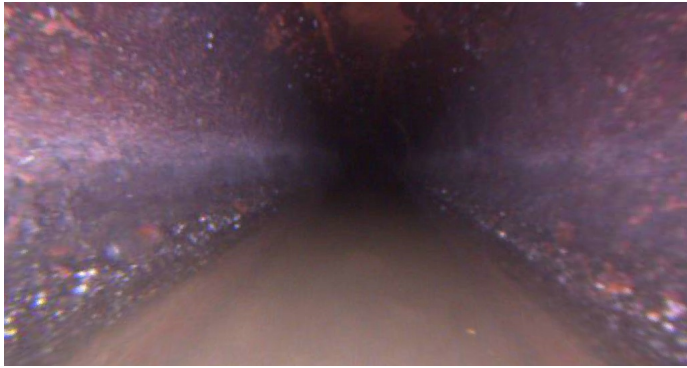
Date:	<b>04/07/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>478.8</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-503-042-041</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>guyer st</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Other</b>	Tape/Media #:	
Purpose:	<b>Not Known</b>	Dia/Height:	<b>10"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-503-041</b>	DS MH:	<b>M-503-042</b>
		Total Length Surveyed (ft):	<b>301.4</b>

O&M Index:	<b>1.33</b>	O&M Quick:	<b>2112</b>	O&M Rating:	<b>4.00</b>
Structural Index:	<b>3.35</b>	Structural Quick:	<b>4A35</b>	Structural Rating:	<b>67.00</b>
Overall Index:	<b>3.09</b>	Overall Quick:	<b>4A35</b>	Overall Rating:	<b>71.00</b>

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	5.7	FM	Fracture Multiple	44	S 4
	47.8	FL	Fracture Longitudinal	140	S 3
	47.8	FL	Fracture Longitudinal	151	S 3
	51.8	FM	Fracture Multiple	171	S 4
	58.9	MMC	Material Change	197	NA
	67.0	MMC	Material Change	224	NA
	67.4	FL	Fracture Longitudinal	236	S 3
	69.6	FM	Fracture Multiple	253	S 4
	71.2	DAR	Deposits Attached Ragging	267	M 2
	75.0	TF	Tap Factory	287	NA
	117.0	FM	Fracture Multiple	382	S 4
	127.2	FM	Fracture Multiple	415	S 4
	138.2	FM	Fracture Multiple	449	S 4
	143.7	RFJ	Roots Fine Joint	472	M 1
	157.6	FM(S01)	Fracture Multiple	511	S 4
	176.3	FM(F01)	Fracture Multiple	560	S 4
	195.3	TF	Tap Factory	610	NA
	200.8	RFJ	Roots Fine Joint	633	M 1
	200.8	CM	Crack Multiple	644	S 3
	212.3	TF	Tap Factory	679	NA
	214.3	MMC	Material Change	695	NA
	215.8	TF	Tap Factory	710	NA
	218.7	MMC	Material Change	728	NA
	248.7	CL	Crack Longitudinal	799	S 2
	262.2	CL	Crack Longitudinal	838	S 2
	262.6	CM	Crack Multiple	851	S 3
	271.0	CL	Crack Longitudinal	879	S 2
	274.4	TFC	Tap Factory Capped	898	NA
	280.7	TF	Tap Factory	923	NA
	293.2	CL	Crack Longitudinal	959	S 2
	294.1	FM	Fracture Multiple	973	S 4
	301.4	AMH	Manhole	999	NA



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-503-041**

---



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

Distance (ft): **.0**  
Structural Grade: **0**  
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:

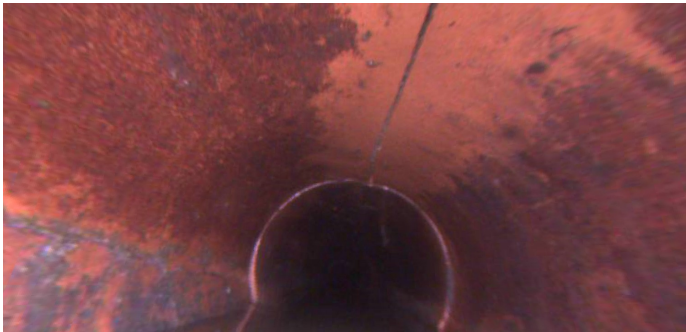
---



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

Distance (ft): **5.7**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

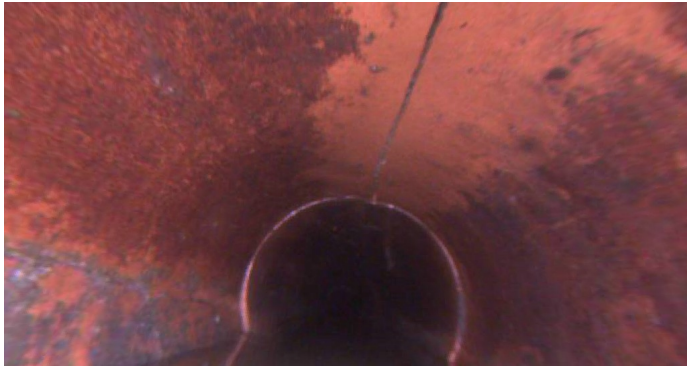
---



Code: **FL**  
Description: **Fracture Longitudinal**

Distance (ft): **47.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



Code: **FL**  
Description: **Fracture Longitudinal**

Distance (ft): **47.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



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

Distance (ft): **51.8**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

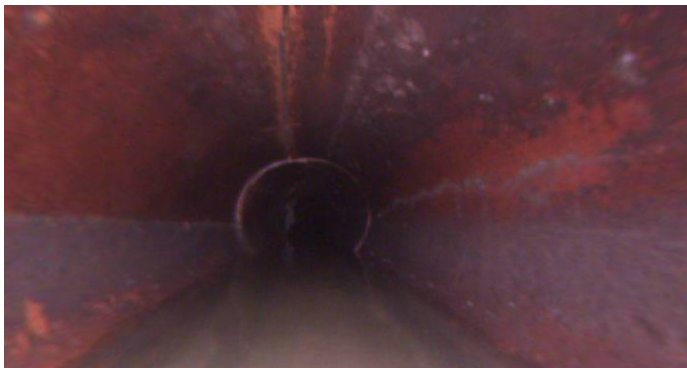
---



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

Distance (ft): **58.9**  
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: **PVC**

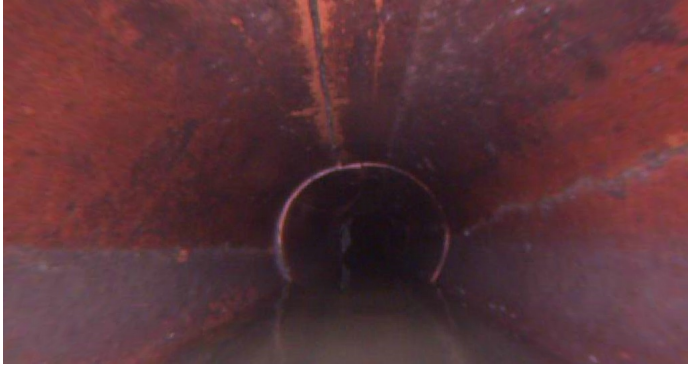
---



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

Distance (ft): **67.0**  
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: **VCP**

---



Code: **FL**  
Description: **Fracture Longitudinal**

Distance (ft): **67.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **11**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



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

Distance (ft): **69.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



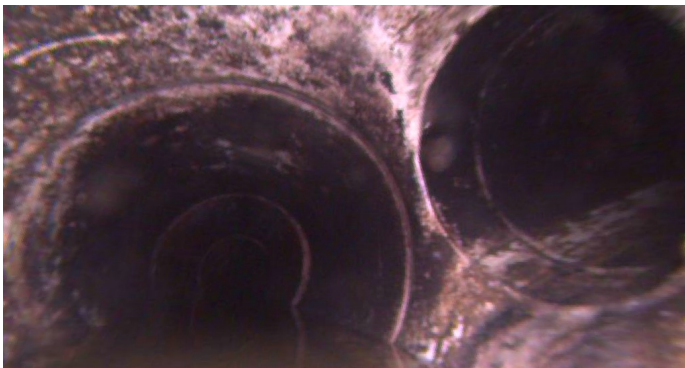
Code: **DAR**  
Description: **Deposits Attached Ragging**



Distance (ft): **71.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

---

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



Distance (ft): **75.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

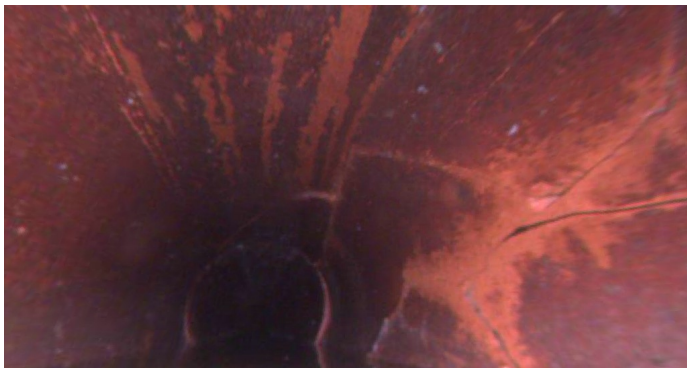




Code: **FM**  
Description: **Fracture Multiple**

Distance (ft): **117.0**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

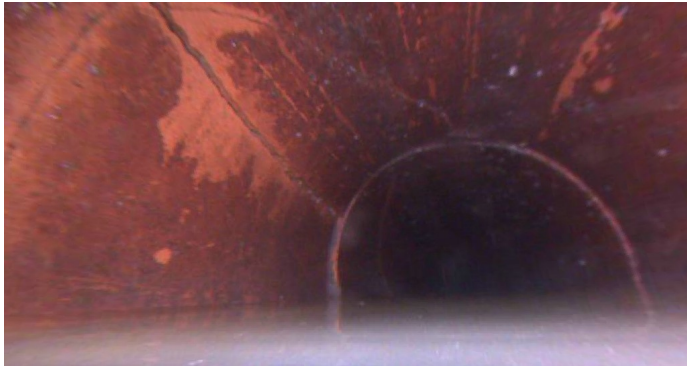
---



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

Distance (ft): **127.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

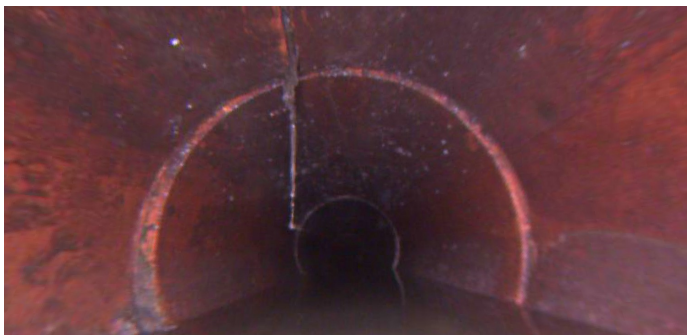
---



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

Distance (ft): **138.2**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

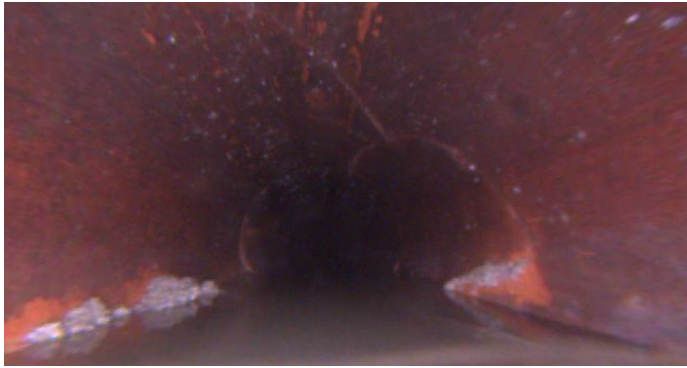
---



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

Distance (ft): **143.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **12**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

Distance (ft): **157.6**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S01**  
Within 8" of Joint:  
Remarks:

---



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

Distance (ft): **176.3**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F01**  
Within 8" of Joint:  
Remarks:

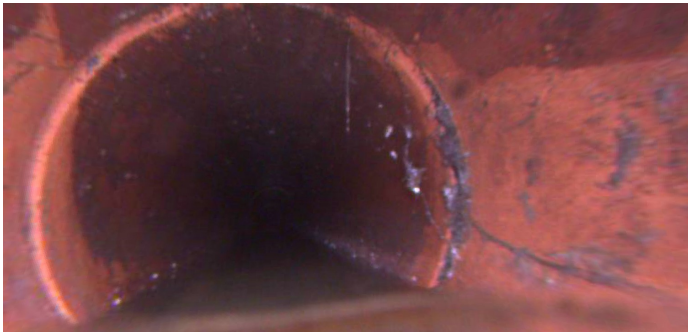
---



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

Distance (ft): **195.3**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

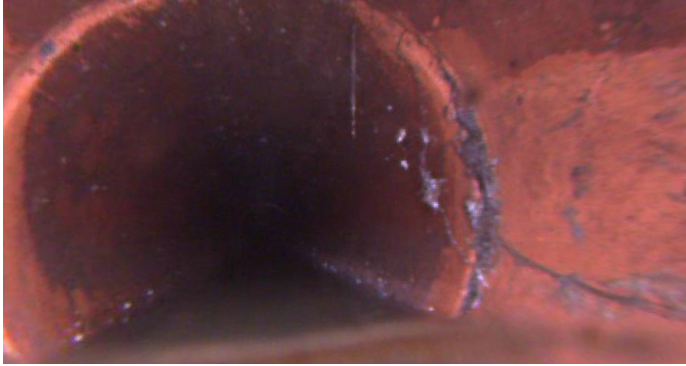
---



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

Distance (ft): **200.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



Code: **CM**  
Description: **Crack Multiple**

Distance (ft): **200.8**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



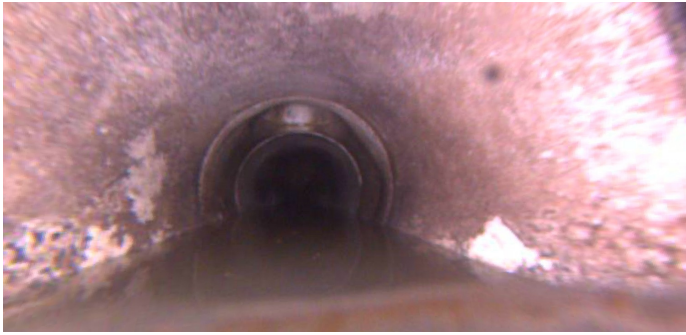
Code: **TF**  
Description: **Tap Factory**

Distance (ft): **212.3**  
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:  
Remarks:

---



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



Distance (ft): **214.3**  
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: **pvc**

---

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

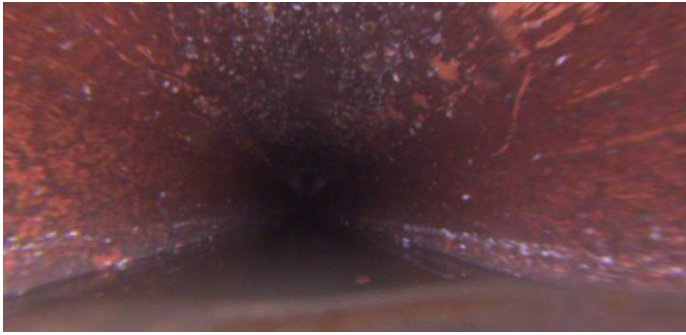


Distance (ft): **215.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



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



Distance (ft): **218.7**  
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**

---

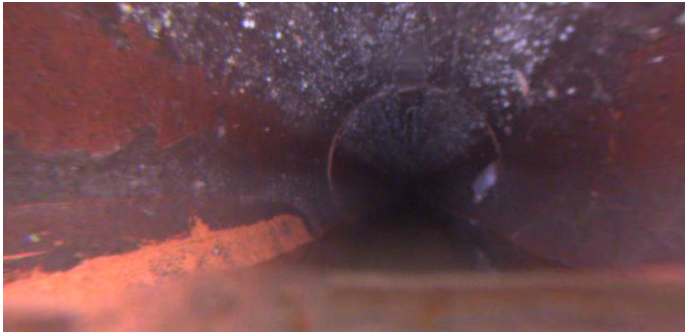
Code: **CL**  
Description: **Crack Longitudinal**



Distance (ft): **248.7**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **262.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

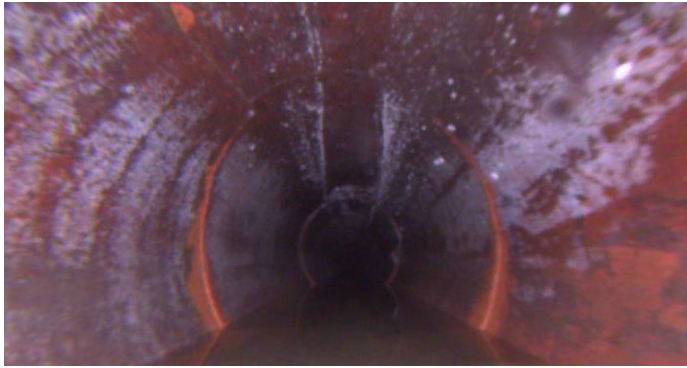
---

Code: **CM**  
Description: **Crack Multiple**



Distance (ft): **262.6**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

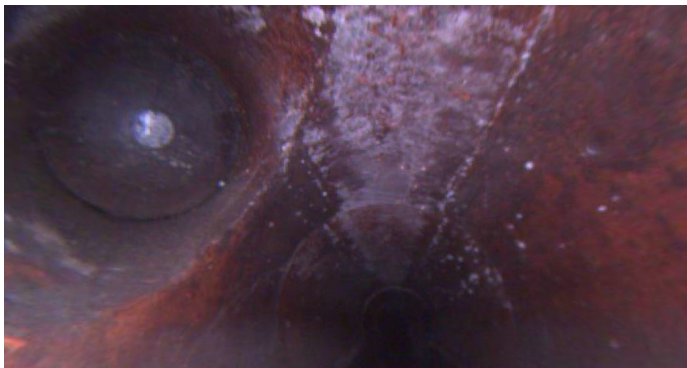
---



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

Distance (ft): **271.0**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---



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

Distance (ft): **274.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

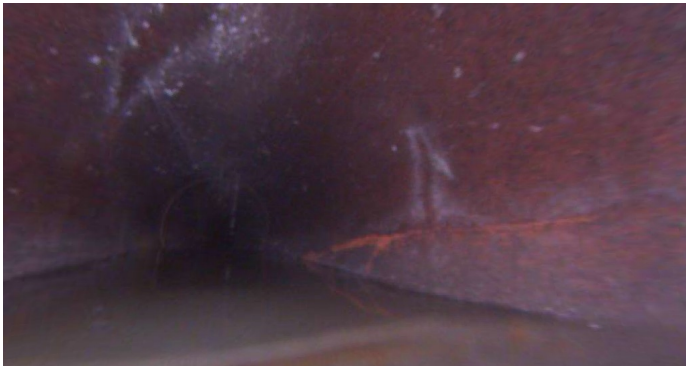
---



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

Distance (ft): **280.7**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

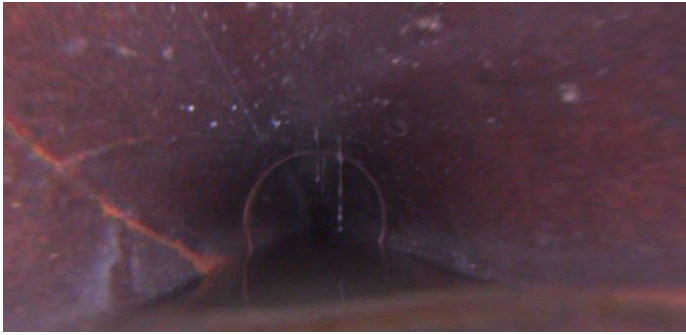


Code: **CL**  
Description: **Crack Longitudinal**

Distance (ft): **293.2**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **4**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **294.1**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

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



Distance (ft): **301.4**  
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-503-042**