

## Profile/Photo Observation Report

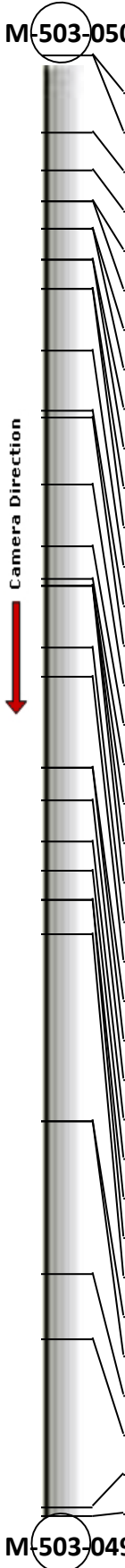


Date:	<b>04/10/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>279.4</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Mark Ruby</b>	PSR:	<b>P-503-049-050</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>N COLORADO 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-503-050</b>	DS MH:	<b>M-503-049</b>
		Total Length Surveyed (ft):	<b>239.1</b>

O&M Index:	<b>2.09</b>	O&M Quick:	<b>342D</b>	O&M Rating:	<b>69.00</b>
Structural Index:	<b>2.00</b>	Structural Quick:	<b>2100</b>	Structural Rating:	<b>2.00</b>
Overall Index:	<b>2.09</b>	Overall Quick:	<b>342D</b>	Overall Rating:	<b>71.00</b>

	Position	Code	Observation	Video (sec)	Grade
					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	12.6	TF	Tap Factory	58	NA
	18.8	IS	Infil Stain	82	NA
	23.8	CL	Crack Longitudinal	104	S 2
	23.8	IS	Infil Stain	115	NA
	28.5	DAE	Deposits Attached Encrustation	137	M 2
	28.5	IW	Infil Weeper	148	M 2
	33.3	DAE	Deposits Attached Encrustation	169	M 2
	33.3	ID	Infil Dripper	180	M 3
	38.2	ID	Infil Dripper	201	M 3
	38.2	DAZ	Deposits Attached Other	213	M 2
	48.3	IW	Infil Weeper	244	M 2
	58.2	DAE	Deposits Attached Encrustation	276	M 2
	59.2	TFA	Tap Factory Active	290	NA
	70.2	DAZ	Deposits Attached Other	323	M 2
	80.3	DAE	Deposits Attached Encrustation	355	M 2
	85.8	TF	Tap Factory	378	NA
	86.9	DAE(S01)	Deposits Attached Encrustation	392	M 2
	86.9	IW	Infil Weeper	403	M 2
	86.9	IW(S02)	Infil Weeper	414	M 2
	97.0	ID	Infil Dripper	446	M 3
	101.6	DAZ	Deposits Attached Other	467	M 2
	116.7	IW(F02)	Infil Weeper	508	M 2
	116.7	DAE(F01)	Deposits Attached Encrustation	520	M 2
	122.0	TFA	Tap Factory Active	542	NA
	128.6	IW	Infil Weeper	567	M 2
	133.4	DAE	Deposits Attached Encrustation	588	M 2
	138.1	DAE	Deposits Attached Encrustation	610	M 2
	138.1	IW	Infil Weeper	621	M 2
	143.9	TF	Tap Factory	645	NA
	174.5	RFJ	Roots Fine Joint	718	M 1
	174.5	IW	Infil Weeper	729	M 2
	199.5	IW	Infil Weeper	791	M 2
	210.1	TFA	Tap Factory Active	824	NA
	237.8	DAZ	Deposits Attached Other	891	M 3
	239.1	MSA	Abandoned Survey	906	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-503-050**

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



Distance (ft): **12.6**  
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:

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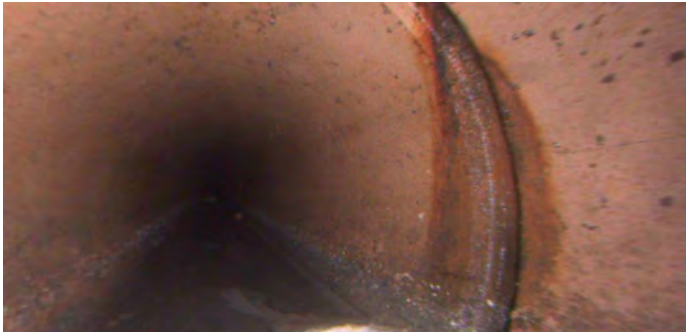
Code: **IS**  
Description: **Infil Stain**



Distance (ft): **18.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To: **2**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **23.8**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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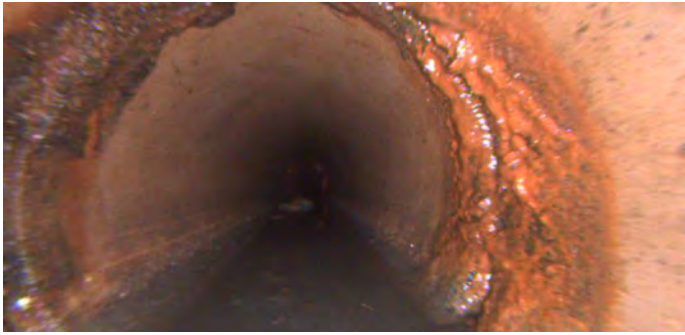
Code: **IS**  
Description: **Infil Stain**



Distance (ft): **23.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

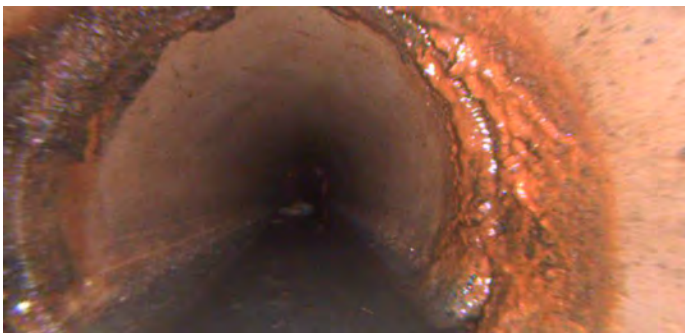
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **28.5**  
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: **IW**  
Description: **Infil Weeper**



Distance (ft): **28.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
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): **33.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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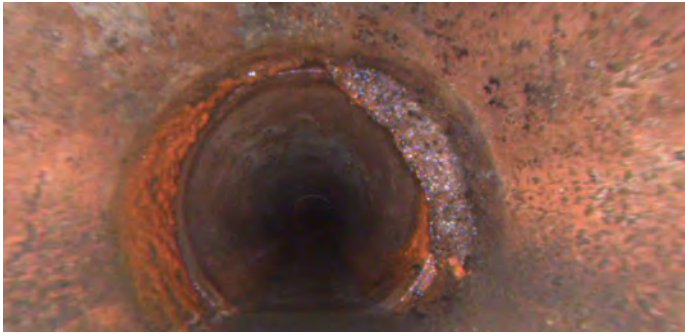
Code: **ID**  
Description: **Infil Dripper**



Distance (ft): **33.3**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To: **1**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:



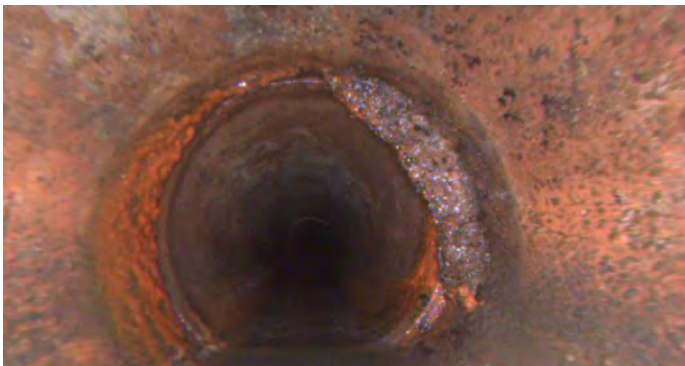
Code: **ID**  
Description: **Infil Dripper**



Distance (ft): **38.2**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **DAZ**  
Description: **Deposits Attached Other**

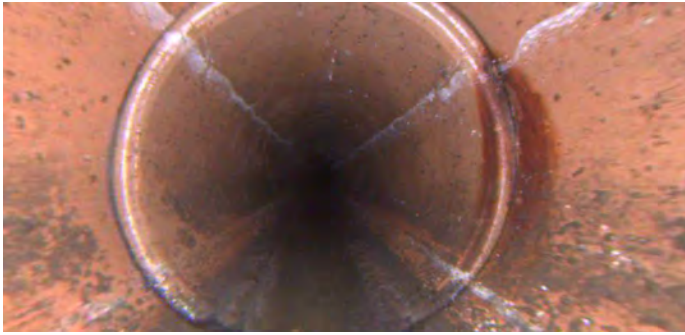


Distance (ft): **38.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **48.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
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): **58.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **59.2**  
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:

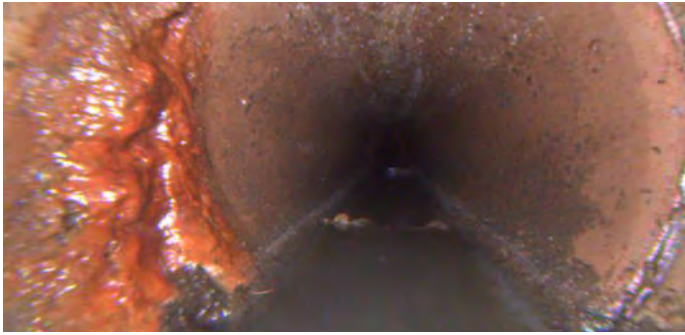
---

Code: **DAZ**  
Description: **Deposits Attached Other**



Distance (ft): **70.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **80.3**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **10**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---

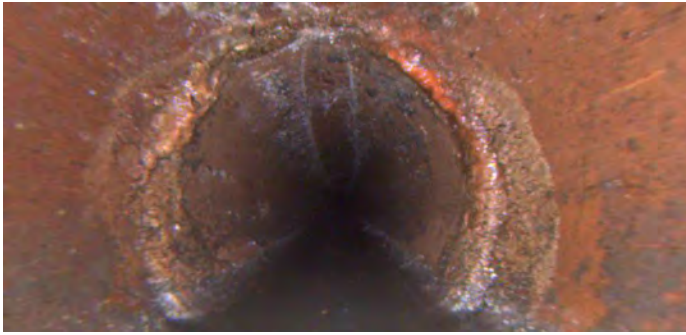
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **85.8**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

---

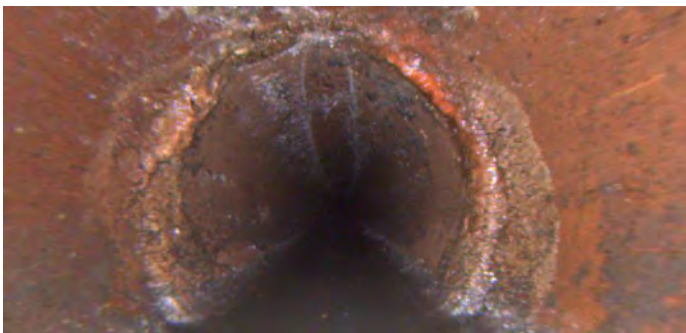
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **86.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **S01**  
Within 8" of Joint: **YES**  
Remarks:

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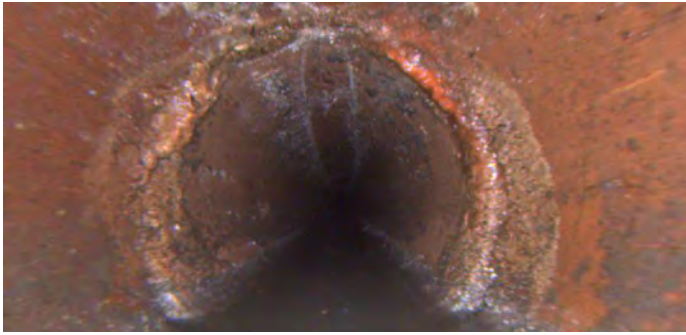
Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **86.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **86.9**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks:

---

Code: **ID**  
Description: **Infil Dripper**

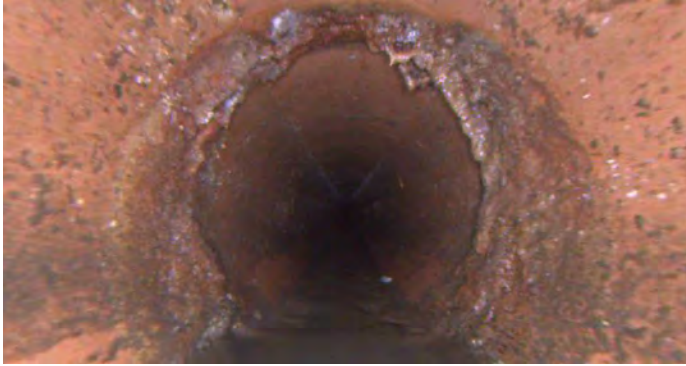


Distance (ft): **97.0**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **1**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **DAZ**  
Description: **Deposits Attached Other**



Distance (ft): **101.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **116.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks:

---

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



Distance (ft): **116.7**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index: **F01**  
Within 8" of Joint: **YES**  
Remarks:

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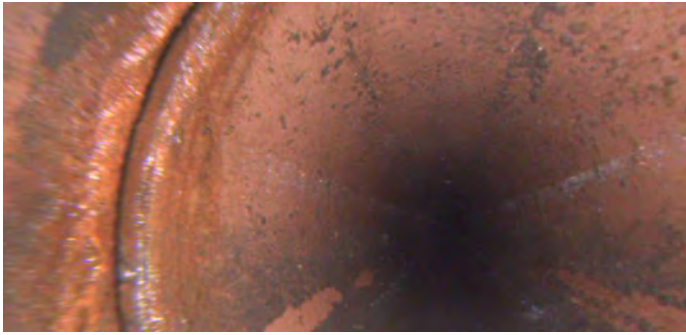
Code: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **122.0**  
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:



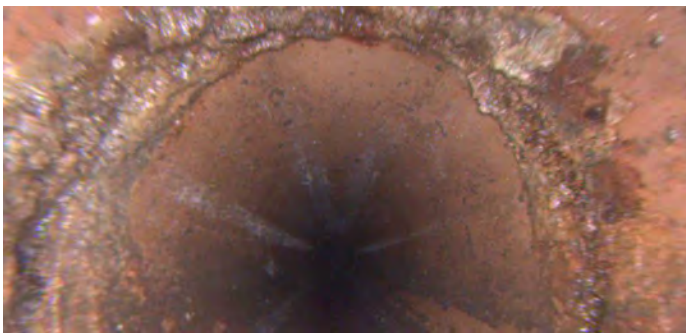
Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **128.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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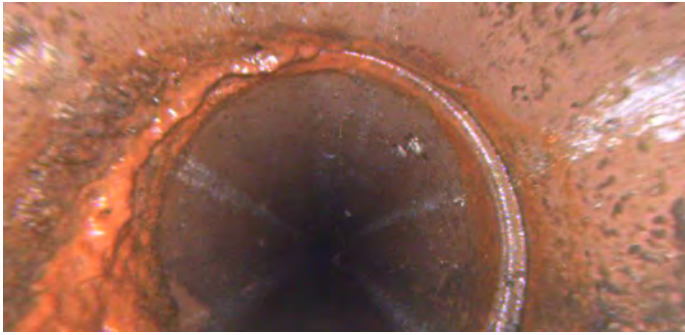
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **133.4**  
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:

---

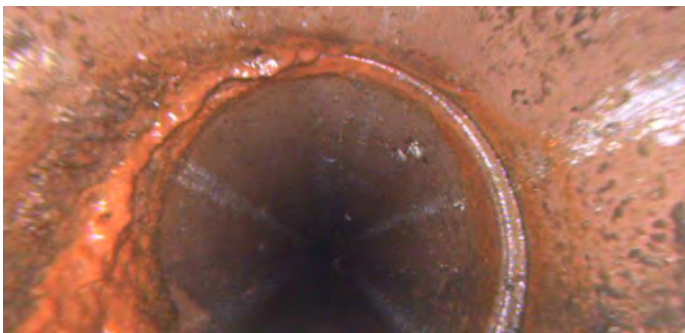
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **138.1**  
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:

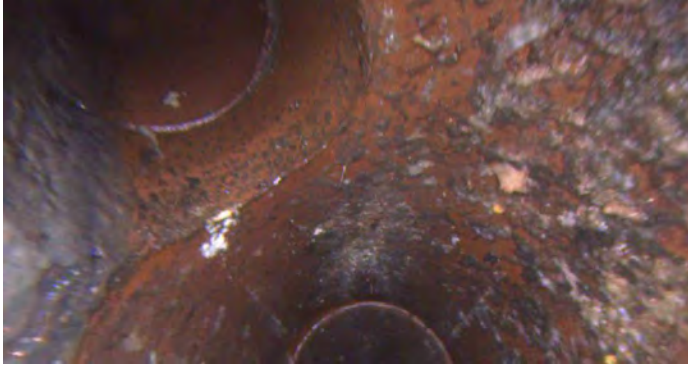
---

Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **138.1**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

---



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

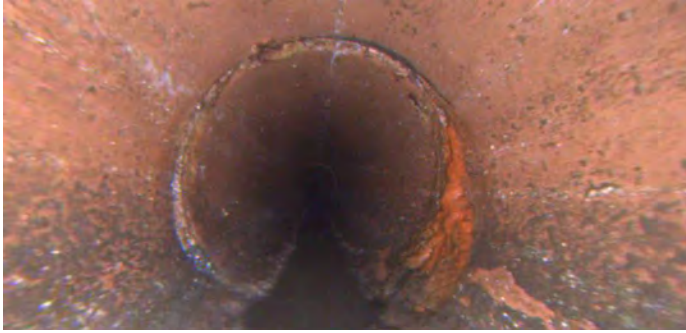
Distance (ft): **143.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **4.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:



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

Distance (ft): **174.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **174.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **2**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **IW**  
Description: **Infil Weeper**



Distance (ft): **199.5**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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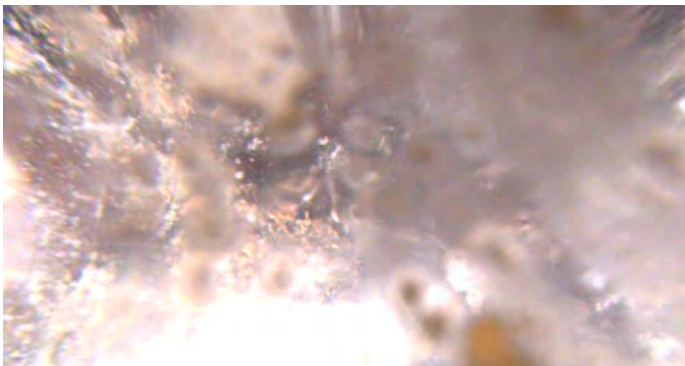
Code: **TFA**  
Description: **Tap Factory Active**



Distance (ft): **210.1**  
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: **DAZ**  
Description: **Deposits Attached Other**



Distance (ft): **237.8**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **12**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **20.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code:	<b>MSA</b>
Description:	<b>Abandoned Survey</b>
Distance (ft):	<b>239.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>DAZ</b>