

Profile/Photo Observation Report



Date:	04/19/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	332.8	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-405-035-031
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	FOXCROFT STREET	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Yard	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	8"
Use:	Sanitary	Material:	PVC
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	P_C at 168 ft roots		
Location Details:		Direction of Survey:	Downstream
US MH:	M-405-031	DS MH:	M-405-035
		Total Length Surveyed (ft):	169.7

O&M Index:	3.22	O&M Quick:	4B3C	O&M Rating:	148.00
Structural Index:	0.00	Structural Quick:	0000	Structural Rating:	0.00
Overall Index:	3.22	Overall Quick:	4B3C	Overall Rating:	148.00

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	3.7	RBJ	Roots Ball Joint	40	M 4
	3.7	MWL	Water Level	51	NA
	6.7	RBJ(S01)	Roots Ball Joint	68	M 4
	11.0	MCU	Camera Underwater	88	M 4
	13.3	MCU(S02)	Camera Underwater	104	M 4
	24.1	RBJ(F01)	Roots Ball Joint	136	M 4
	24.1	MCU(F02)	Camera Underwater	148	M 4
	24.1	MGO	General Observation	159	NA
	47.6	MCU(S03)	Camera Underwater	217	M 4
	52.0	MCU(F03)	Camera Underwater	237	M 4
	52.0	MWL	Water Level	248	NA
	55.0	RMJ	Roots Medium Joint	265	M 3
	60.1	MCU	Camera Underwater	287	M 4
	65.4	MGO	General Observation	311	NA
	65.4	RBJ	Roots Ball Joint	322	M 4
	70.4	MCU	Camera Underwater	343	M 4
	71.8	RBJ	Roots Ball Joint	358	M 4

74.0	RMJ(S04)	Roots Medium Joint	373	M 3
76.2	TF	Tap Factory	390	NA
76.2	RFC	Roots Fine Connection	401	M 1
80.2	RBJ	Roots Ball Joint	420	M 4
85.9	RBJ(S05)	Roots Ball Joint	443	M 4
86.6	DAGS(S06)	Deposits Attached Grease	456	M 2
112.7	MMC	Material Change	521	NA
112.7	RBJ(F05)	Roots Ball Joint	532	M 4
113.8	DAGS(F06)	Deposits Attached Grease	546	M 2
114.7	TF	Tap Factory	559	NA
116.7	TF	Tap Factory	575	NA
120.0	MWL	Water Level	593	NA
122.0	MMC	Material Change	608	NA
127.6	DSZ	Deposits Settled Other	631	M 3
134.0	DAE	Deposits Attached Encrustation	655	M 2
151.1	MMC	Material Change	701	NA
157.7	MMC	Material Change	725	NA
169.7	MSA	Abandoned Survey	763	NA
169.7	RMJ(F04)	Roots Medium Joint	774	M 3

M-405-035

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-405-031**

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: **25.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



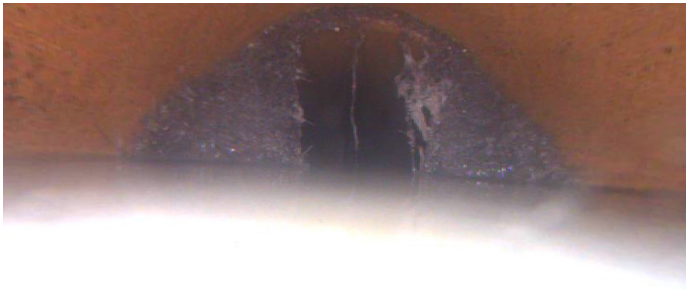
Distance (ft): **3.7**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **90.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **3.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



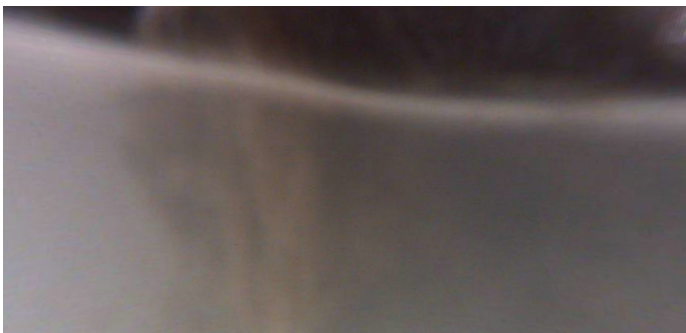
Distance (ft): **6.7**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **55.000**
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



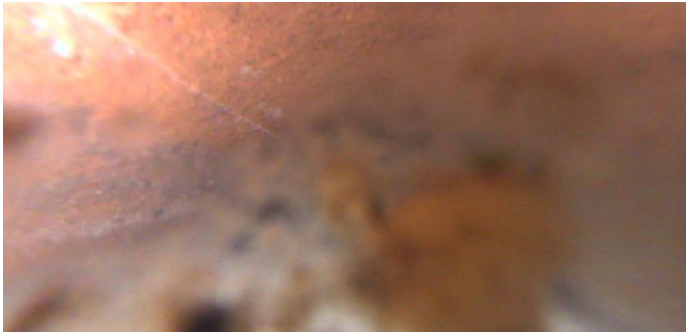
Distance (ft): **11.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **13.3**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



Distance (ft): **24.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **55.000**
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



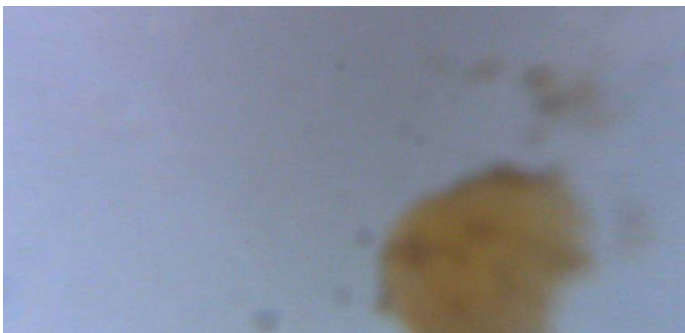
Distance (ft): **24.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks:

Code: **MGO**
Description: **General Observation**



Distance (ft): **24.1**
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: **lense dirty front and rear**

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **47.6**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S03**
Within 8" of Joint: **NO**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



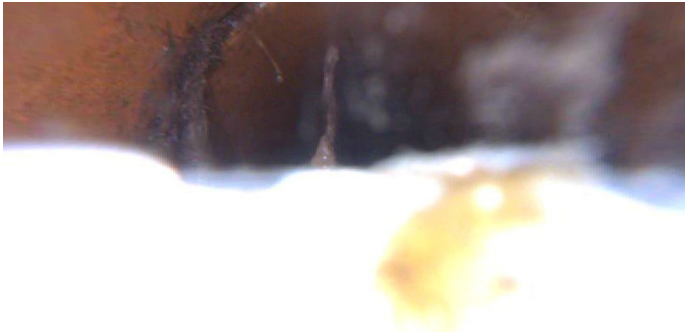
Distance (ft): **52.0**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F03**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **52.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



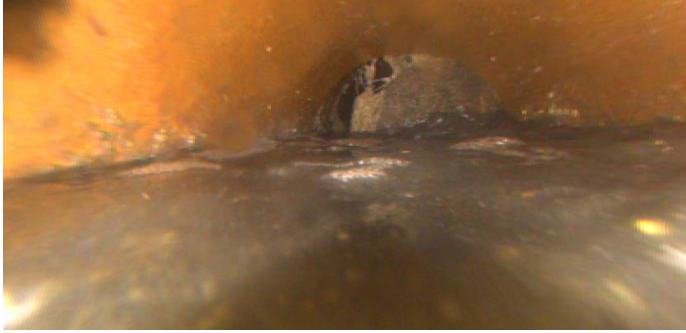
Distance (ft): **55.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



Distance (ft): **60.1**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **MGO**
Description: **General Observation**



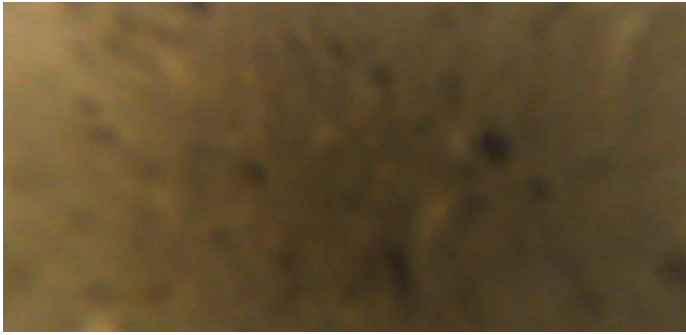
Distance (ft): **65.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **rear camera/mcu**

Code: **RBJ**
Description: **Roots Ball Joint**



Distance (ft): **65.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **80.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

Code: **MCU**
Description: **Camera Underwater**



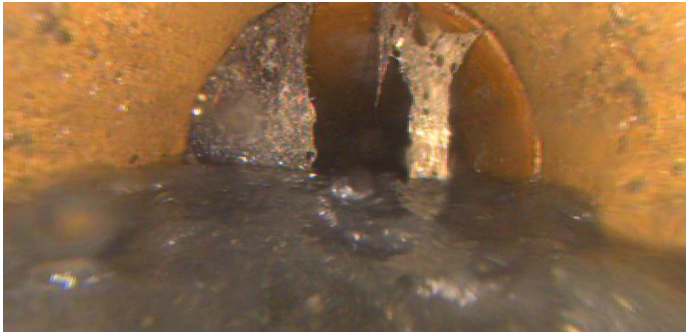
Distance (ft): **70.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



Distance (ft): **71.8**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **100.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



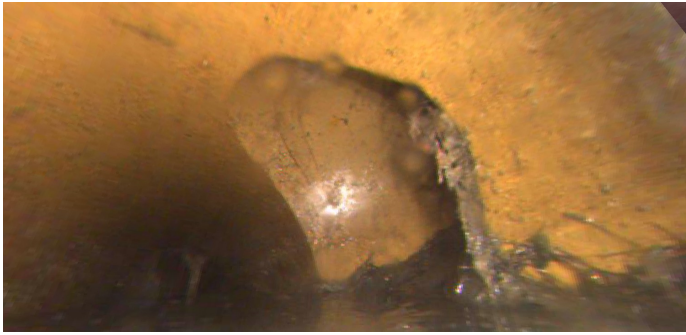
Distance (ft): **74.0**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index: **S04**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



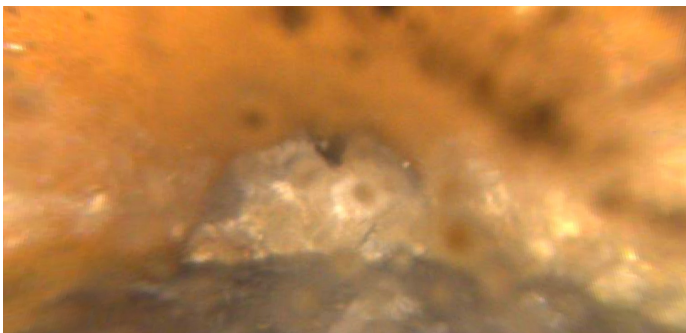
Distance (ft): **76.2**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RFC**
Description: **Roots Fine Connection**



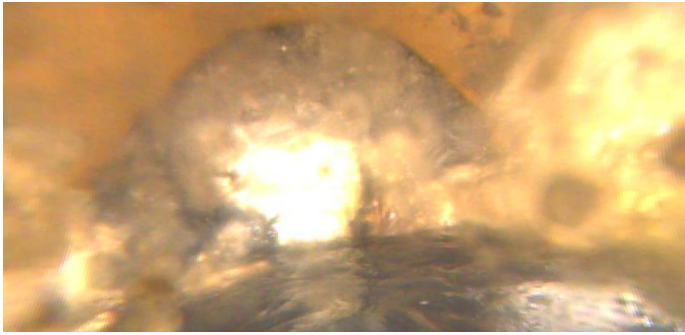
Distance (ft): **76.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **10**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

Code: **RBJ**
Description: **Roots Ball Joint**



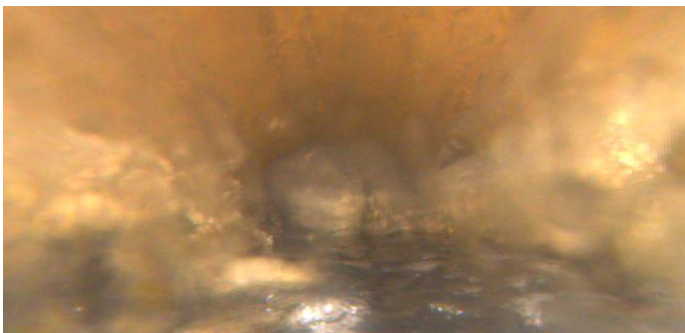
Distance (ft): **80.2**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **100.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks: **also grease**

Code: **RBJ**
Description: **Roots Ball Joint**



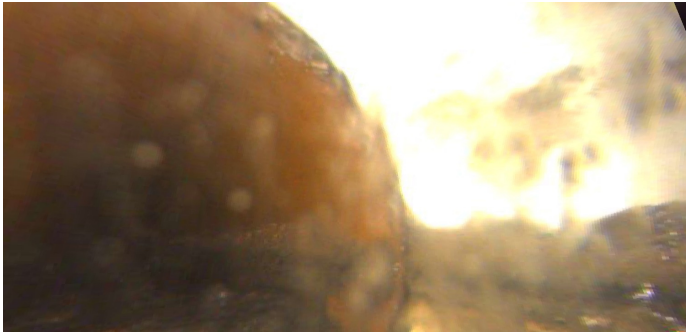
Distance (ft): **85.9**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **100.000**
Continuous Index: **S05**
Within 8" of Joint: **YES**
Remarks: **percentages may change**

Code: **DAGS**
Description: **Deposits Attached Grease**



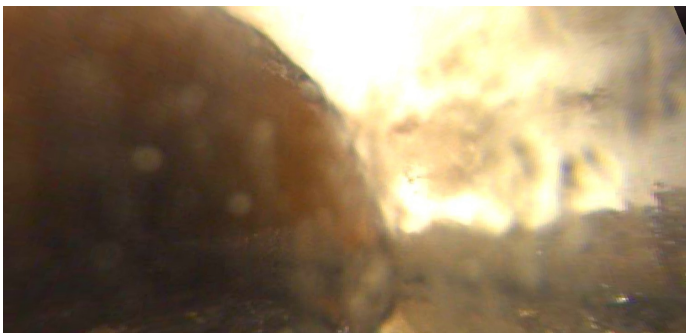
Distance (ft): **86.6**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S06**
Within 8" of Joint: **NO**
Remarks:

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



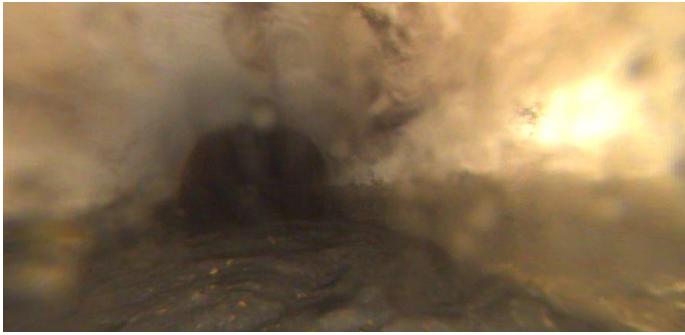
Distance (ft): **112.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **pvc**

Code: **RBJ**
Description: **Roots Ball Joint**



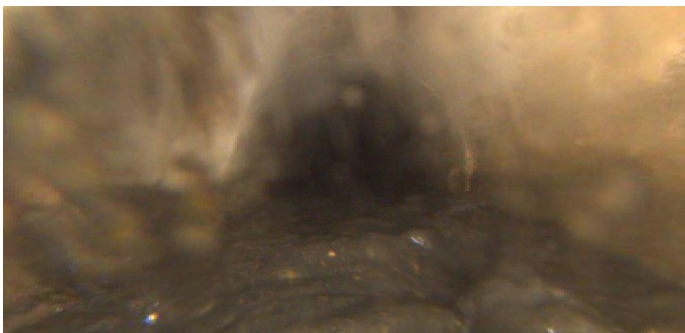
Distance (ft): **112.7**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent: **100.000**
Continuous Index: **F05**
Within 8" of Joint: **YES**
Remarks: **percentages may change**

Code: **DAGS**
Description: **Deposits Attached Grease**



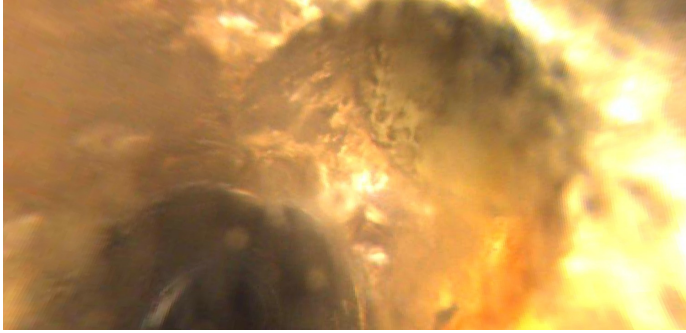
Distance (ft): **113.8**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F06**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **114.7**
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:

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



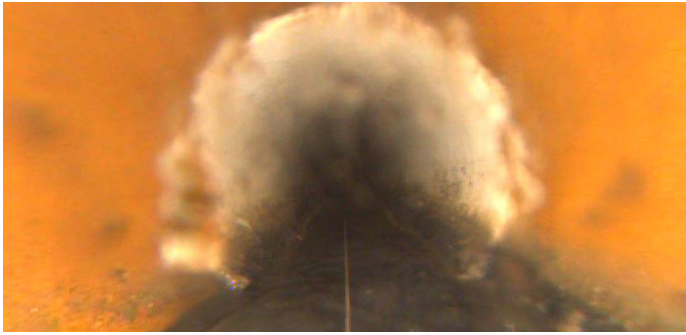
Distance (ft): **116.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **11**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



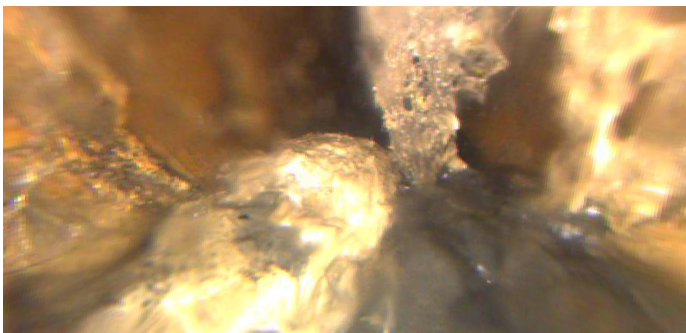
Distance (ft): **120.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



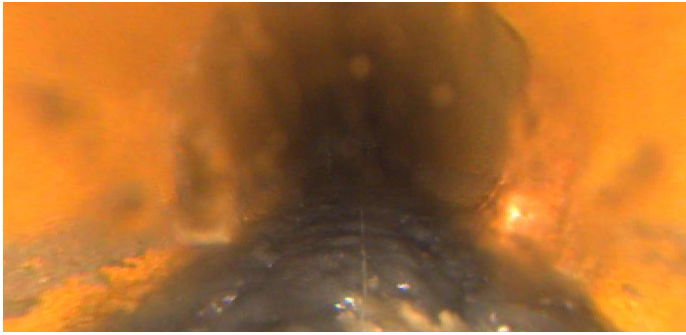
Distance (ft): **122.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

Code: **DSZ**
Description: **Deposits Settled Other**



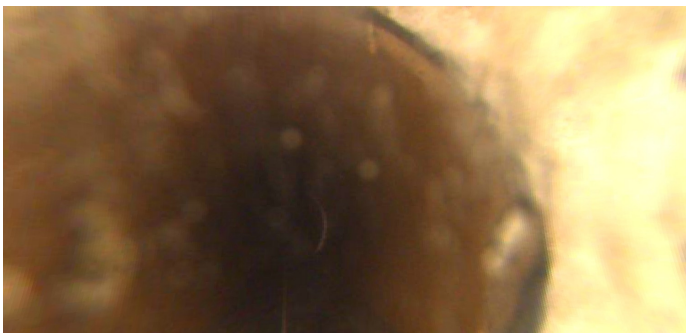
Distance (ft): **127.6**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **15.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **ball of grease?**

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



Distance (ft): **134.0**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



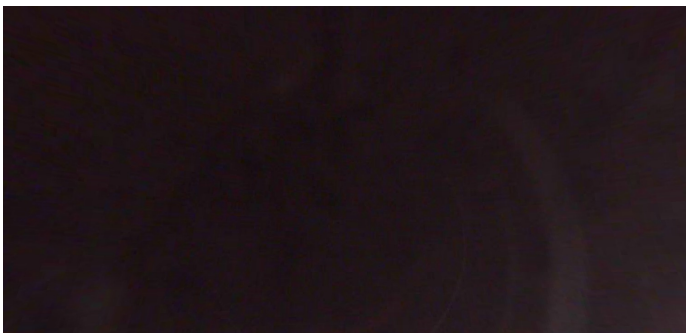
Distance (ft): **151.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **pvc**

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

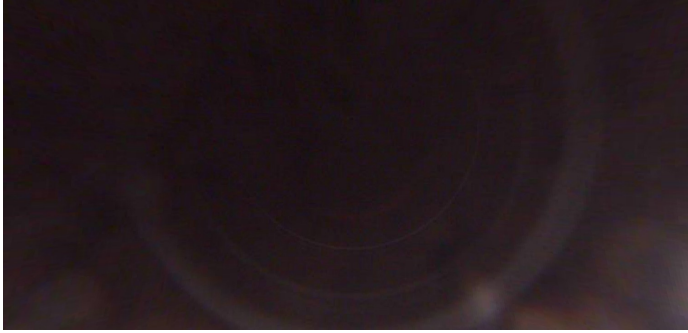


Distance (ft): **157.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **vcp**

Code: **MSA**
Description: **Abandoned Survey**



Distance (ft): **169.7**
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: **camera stopped/no picture**



Code:	RMJ
Description:	Roots Medium Joint
Distance (ft):	169.7
Structural Grade:	0
O&M Grade:	3
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	20.000
Continuous Index:	F04
Within 8" of Joint:	YES
Remarks:	wandering