

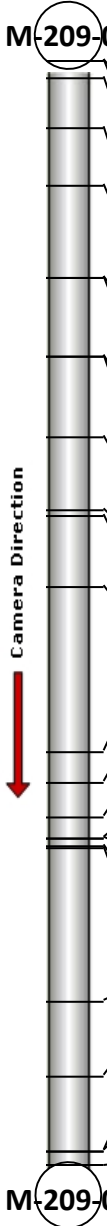
Profile/Photo Observation Report



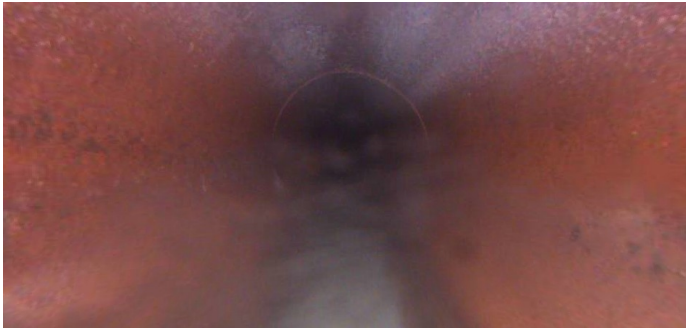
Date:	03/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	322.9	Owner:	NA	Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	John Kuglmaier	PSR:	P-209-006-007
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	FOXCROFT STREET	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Routine Assessment	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	
Category:	NA		
Comment:	P_C at 71 ft roots . Flow direction wrong		
Location Details:		Direction of Survey:	Downstream
US MH:	M-209-007	DS MH:	M-209-006
		Total Length Surveyed (ft):	72.3

O&M Index:	2.15	O&M Quick:	4133	O&M Rating:	28.00
Structural Index:	3.42	Structural Quick:	4635	Structural Rating:	41.00
Overall Index:	2.76	Overall Quick:	4738	Overall Rating:	69.00

	Position	Code	Observation	Video (sec)	Grade
	M-209-007				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	1.9	FC	Fracture Circumferential	37	S 2
	4.4	CM	Crack Multiple	53	S 3
	8.9	FM	Fracture Multiple	74	S 4
	14.2	CM	Crack Multiple	96	S 3
	14.2	RFJ	Roots Fine Joint	107	M 1
	19.4	CM	Crack Multiple	129	S 3
	19.4	DAGS(S01)	Deposits Attached Grease	140	M 2
	24.6	FL	Fracture Longitudinal	162	S 3
	29.4	FM	Fracture Multiple	183	S 4
	29.8	FL	Fracture Longitudinal	196	S 3
	34.4	FM(S02)	Fracture Multiple	217	S 4
	45.3	DAGS(F01)	Deposits Attached Grease	251	M 2
	47.3	MWL	Water Level	266	NA
	49.5	RMJ	Roots Medium Joint	282	M 3
	50.9	TFD	Tap Factory Defective	296	M 2
	50.9	RML	Roots Medium Lateral	308	M 3
	51.4	RBJ	Roots Ball Joint	320	M 4
	51.6	CM(F02)	Crack Multiple	332	S 3
	61.6	RFJ	Roots Fine Joint	363	M 1
	66.5	RFJ	Roots Fine Joint	384	M 1
	71.4	RMJ	Roots Medium Joint	406	M 3
	71.4	FM	Fracture Multiple	417	S 4
	72.3	MSA	Abandoned Survey	431	NA
	M-209-006				

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



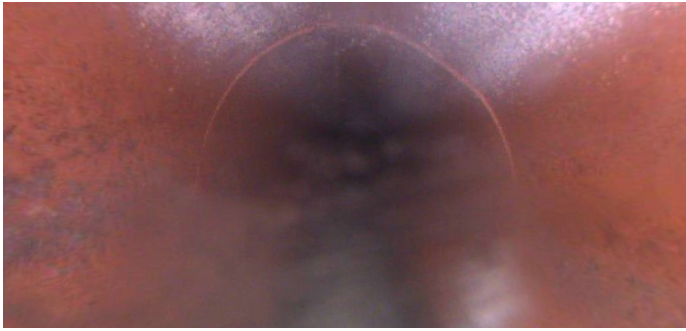
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-209-007**

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: **FC**
Description: **Fracture Circumferential**



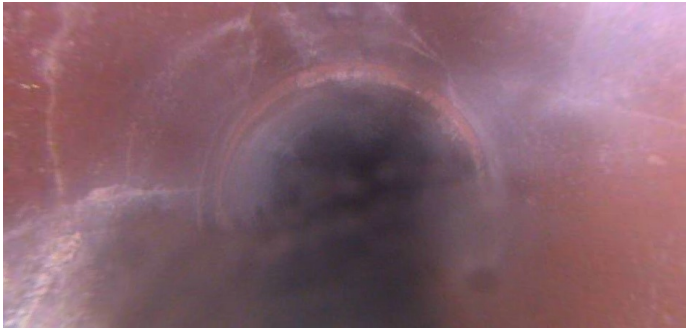
Distance (ft): **1.9**
Structural Grade: **2**
O&M Grade: **0**
Clock Start/From: **7**
Clock To: **5**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



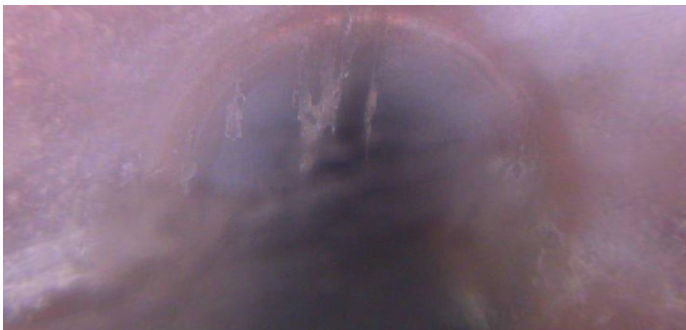
Distance (ft): **4.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



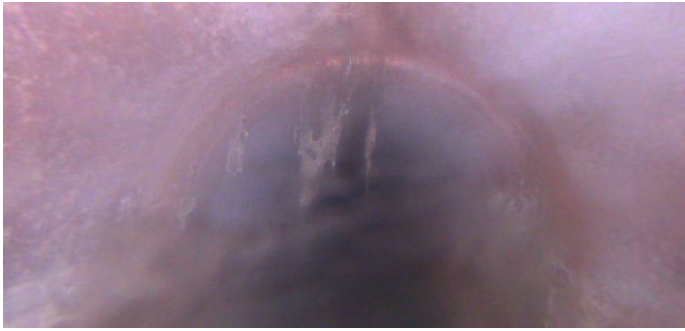
Distance (ft): **8.9**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **3**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **14.2**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



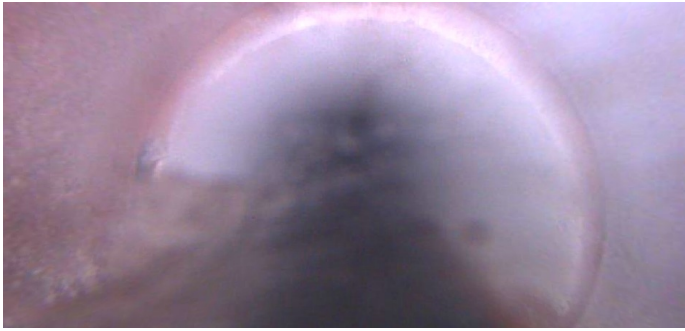
Distance (ft): **14.2**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **11**
Clock To: **12**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



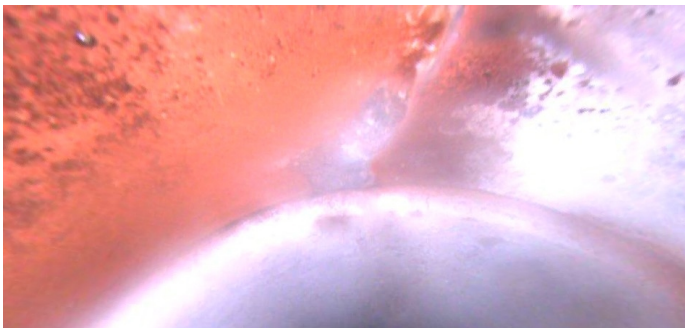
Distance (ft): **19.4**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



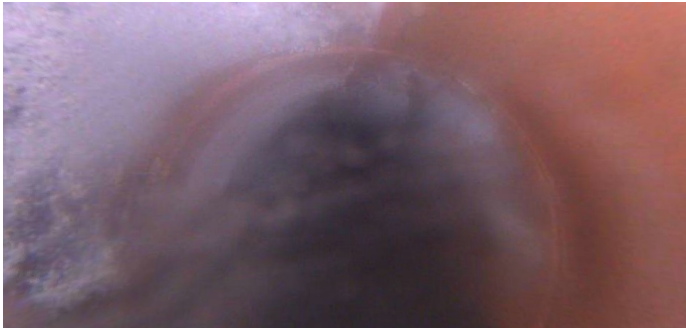
Distance (ft): **19.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S01**
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **24.6**
Structural Grade: **3**
O&M Grade: **0**
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): **29.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **1**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **29.8**
Structural Grade: **3**
O&M Grade: **0**
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**



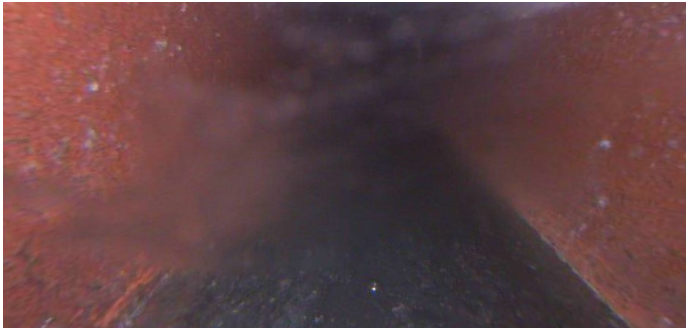
Distance (ft): **34.4**
Structural Grade: **4**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S02**
Within 8" of Joint: **YES**
Remarks:

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



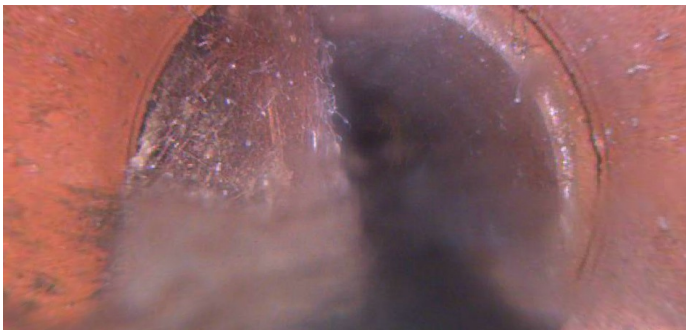
Distance (ft): **45.3**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F01**
Within 8" of Joint: **NO**
Remarks: **Clock positions vary**

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



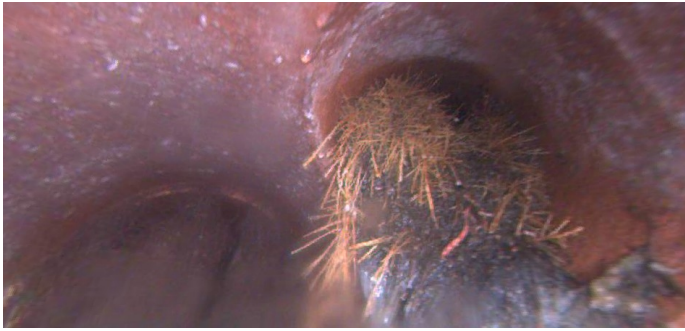
Distance (ft): **47.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **20.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **49.5**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **6**
Clock To: **11**
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



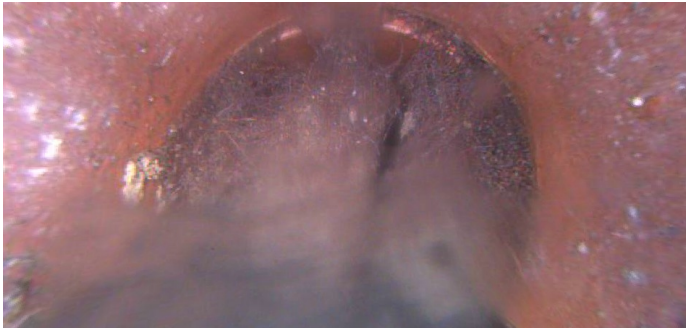
Distance (ft): **50.9**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks: **Roots**

Code: **RML**
Description: **Roots Medium Lateral**



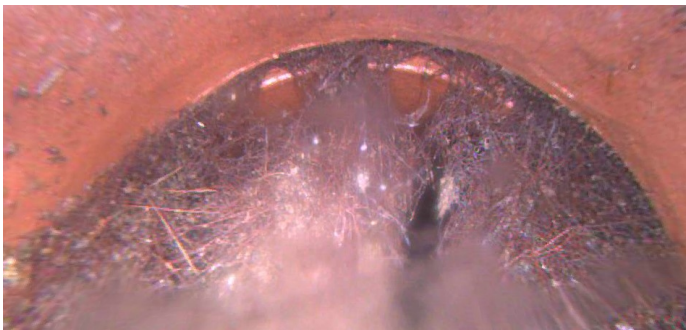
Distance (ft): **50.9**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **2**
Clock To:
1st Value:
2nd Value:
Value Percent: **50.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



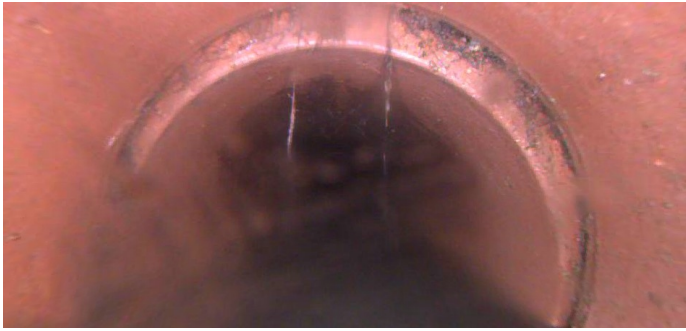
Distance (ft): **51.4**
Structural Grade: **0**
O&M Grade: **4**
Clock Start/From: **8**
Clock To: **4**
1st Value:
2nd Value:
Value Percent: **80.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **51.6**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **9**
Clock To: **4**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F02**
Within 8" of Joint: **YES**
Remarks: **Clock positions vary**

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



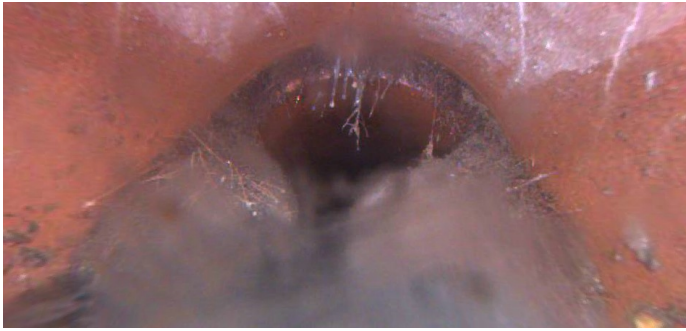
Distance (ft): **61.6**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To: **2**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



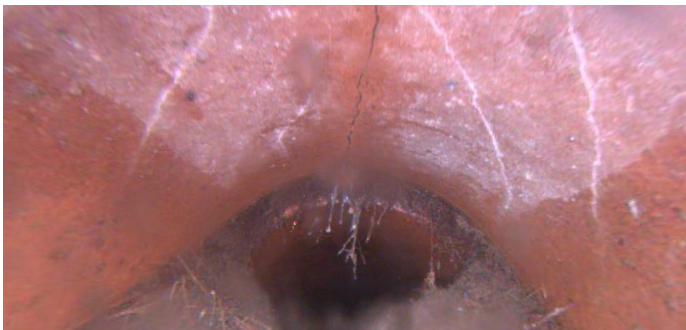
Distance (ft): **66.5**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **3**
Clock To: **10**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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

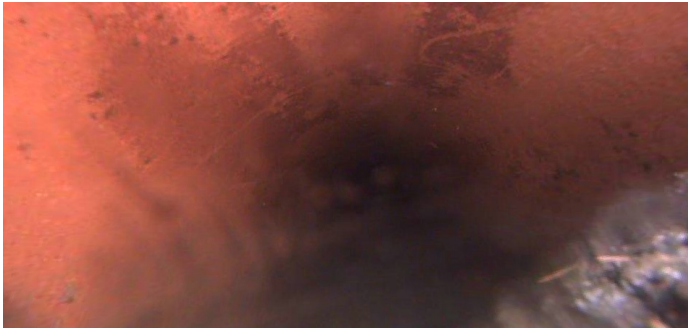


Distance (ft): **71.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **9**
Clock To: **3**
1st Value:
2nd Value:
Value Percent: **40.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **71.4**
Structural Grade: **4**
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:



Code:	MSA
Description:	Abandoned Survey
Distance (ft):	72.3
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:	RMJ