

Profile/Photo Observation Report

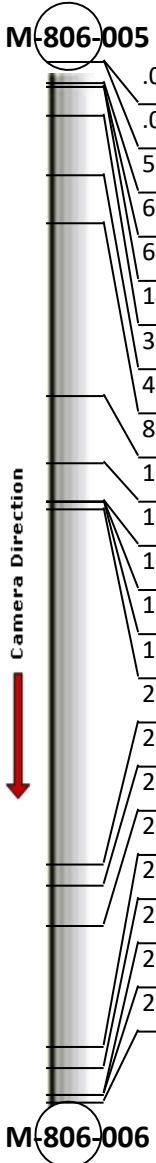


Date:	04/20/2018	Weather:		Coding:	PACP 6.0
Pipe Length (ft):	274.7	Owner:	NA	Pre Clean:	Not Known
P.O.#:		Surveyor:	Byrd Fitzgerald	PSR:	P-806-005-006
Customer:		Clean Date:	01/01/1900	Shape:	C

Street:	LUTHER DR	Flow Control:	Not Controlled
City:	Hobart, IN	Year Renewed:	
Location:	Light Highway	Tape/Media #:	
Purpose:	Maintenance Related	Dia/Height:	10"
Use:	Sanitary	Material:	VCP
Drain Area:	NA	Lining:	Cured in Place
Category:	NA		
Comment:	flow incorrect.		

Location Details:		Direction of Survey:	Upstream
US MH:	M-806-006	DS MH:	M-806-005
		Total Length Surveyed (ft):	278.2

O&M Index:	1.98	O&M Quick:	312G	O&M Rating:	91.00
Structural Index:	3.00	Structural Quick:	3100	Structural Rating:	162.00
Overall Index:	2.53	Overall Quick:	312G	Overall Rating:	253.00

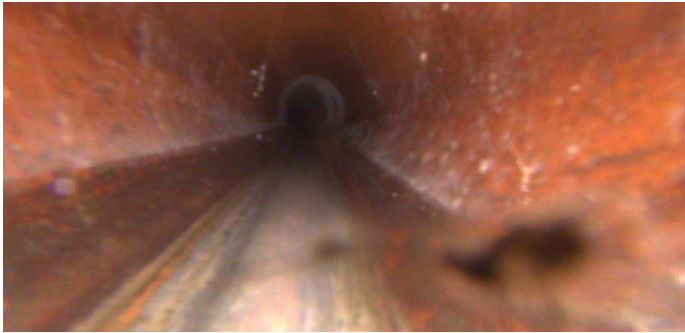
	Position	Code	Observation	Video (sec)	Grade
	M-806-005				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	5.6	DAZ	Deposits Attached Other	46	M 2
	6.8	TF	Tap Factory	63	NA
	6.8	CM(S01)	Crack Multiple	76	S 3
	14.4	DSZ	Deposits Settled Other	104	M 2
	30.4	DAE	Deposits Attached Encrustation	147	M 2
	43.0	DAZ	Deposits Attached Other	184	M 2
	89.2	DSZ(S02)	Deposits Settled Other	287	M 2
	107.3	TF	Tap Factory	335	NA
	117.7	TF	Tap Factory	369	NA
	117.7	RFL	Roots Fine Lateral	380	M 1
	117.7	DAGS	Deposits Attached Grease	391	M 2
	119.4	RMJ	Roots Medium Joint	410	M 3
	214.7	MWL	Water Level	614	NA
	220.1	MWL	Water Level	636	NA
	230.8	MGO	General Observation	670	NA
	263.4	TBI	Tap Break-in Intruding	747	M 2
	268.8	RFJ	Roots Fine Joint	770	M 1
	276.1	DSZ(F02)	Deposits Settled Other	797	M 2
	276.1	CM(F01)	Crack Multiple	809	S 3
	278.2	AMH	Manhole	828	NA
	M-806-006				

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



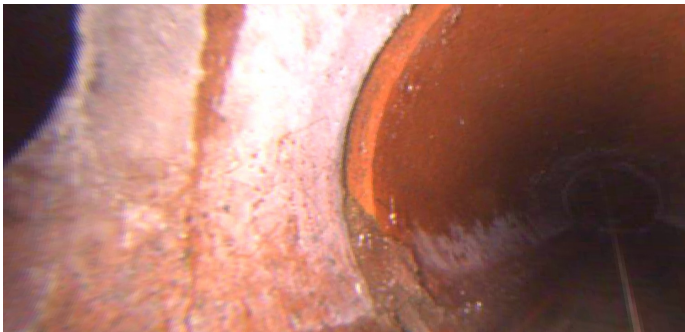
Distance (ft): **.0**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **M-806-005**

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:	5.000
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	

Code:	DAZ
Description:	Deposits Attached Other



Distance (ft):	5.6
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	5
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	5.000
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

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



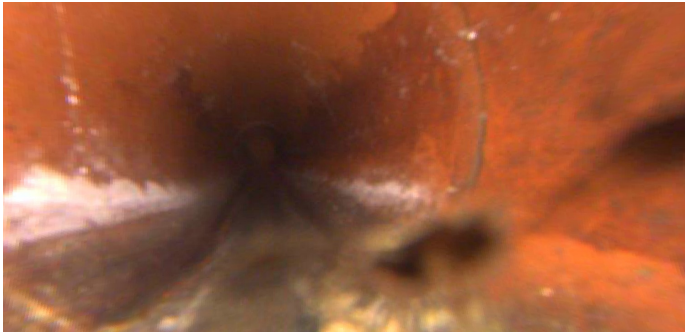
Distance (ft): **6.8**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



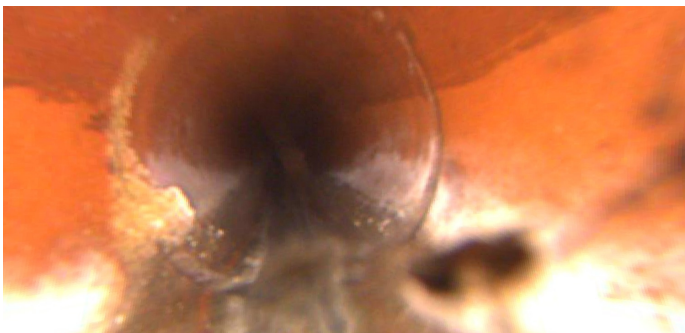
Distance (ft): **6.8**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **S01**
Within 8" of Joint: **YES**
Remarks: **wandering**

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



Distance (ft): **14.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks: **debris**

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



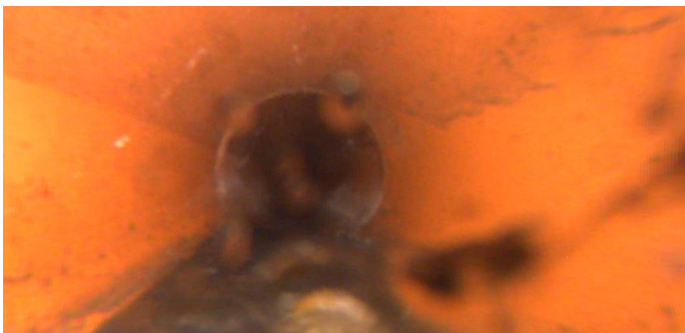
Distance (ft): **30.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **43.0**
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: **DSZ**
Description: **Deposits Settled Other**



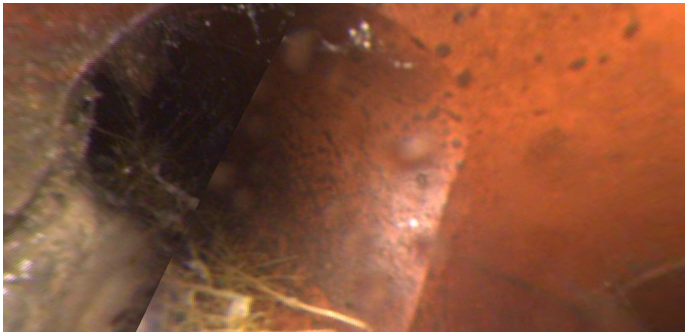
Distance (ft): **89.2**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **S02**
Within 8" of Joint: **NO**
Remarks: **debris**

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



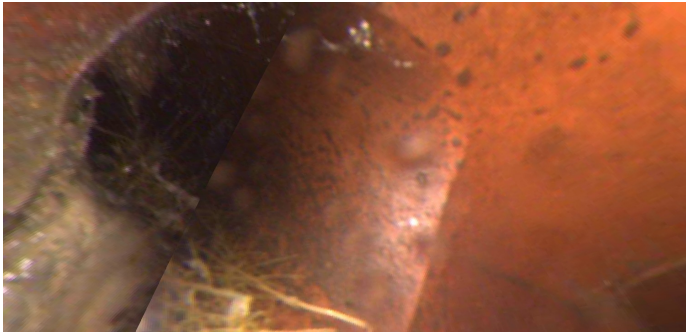
Distance (ft): **107.3**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **2**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



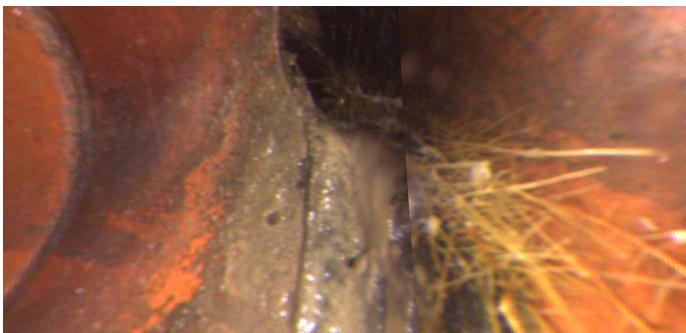
Distance (ft): **117.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **RFL**
Description: **Roots Fine Lateral**



Distance (ft): **117.7**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **8**
Clock To:
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **117.7**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **7**
Clock To: **10**
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



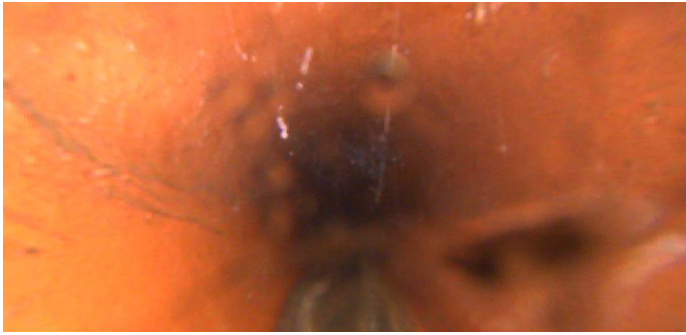
Distance (ft): **119.4**
Structural Grade: **0**
O&M Grade: **3**
Clock Start/From: **4**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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



Distance (ft): **214.7**
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: **MWL**
Description: **Water Level**



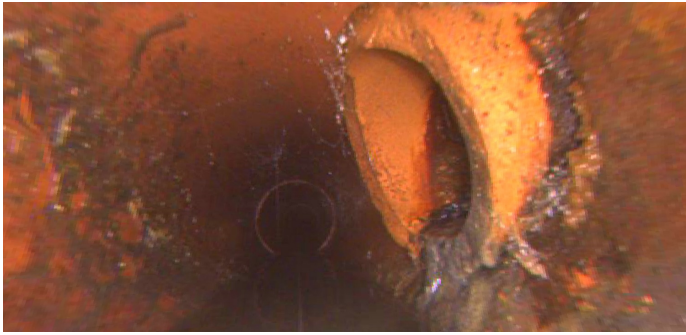
Distance (ft): **220.1**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From:
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index:
Within 8" of Joint: **NO**
Remarks:

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



Distance (ft): **230.8**
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: **rear camera/cob webs**

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



Distance (ft): **263.4**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **10**
Clock To:
1st Value: **4.000**
2nd Value: **2.000**
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

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



Distance (ft): **268.8**
Structural Grade: **0**
O&M Grade: **1**
Clock Start/From: **7**
Clock To: **9**
1st Value:
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint: **YES**
Remarks:

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

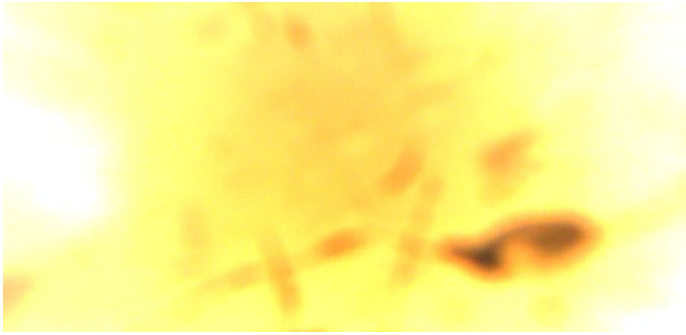


Distance (ft): **276.1**
Structural Grade: **0**
O&M Grade: **2**
Clock Start/From: **6**
Clock To:
1st Value:
2nd Value:
Value Percent: **5.000**
Continuous Index: **F02**
Within 8" of Joint: **NO**
Remarks: **debris**

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



Distance (ft): **276.1**
Structural Grade: **3**
O&M Grade: **0**
Clock Start/From: **10**
Clock To: **11**
1st Value:
2nd Value:
Value Percent:
Continuous Index: **F01**
Within 8" of Joint: **YES**
Remarks: **wandering**



Code:	AMH
Description:	Manhole
Distance (ft):	278.2
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-806-006