

## Profile/Photo Observation Report



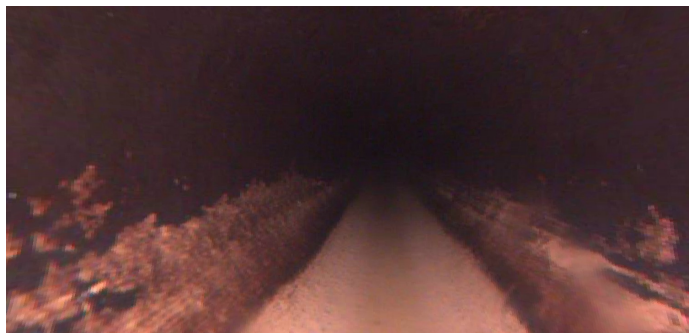
Date:	<b>03/20/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>212.0</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>JUSTIN GONZALES</b>	PSR:	<b>P-903-052-053</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>37th ave</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>PVC</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-903-053</b>	DS MH:	<b>M-903-052</b>
		Total Length Surveyed (ft):	<b>173.8</b>

O&M Index:	<b>1.96</b>	O&M Quick:	<b>4132</b>	O&M Rating:	<b>90.00</b>
Structural Index:	<b>3.00</b>	Structural Quick:	<b>3200</b>	Structural Rating:	<b>6.00</b>
Overall Index:	<b>2.00</b>	Overall Quick:	<b>4134</b>	Overall Rating:	<b>96.00</b>

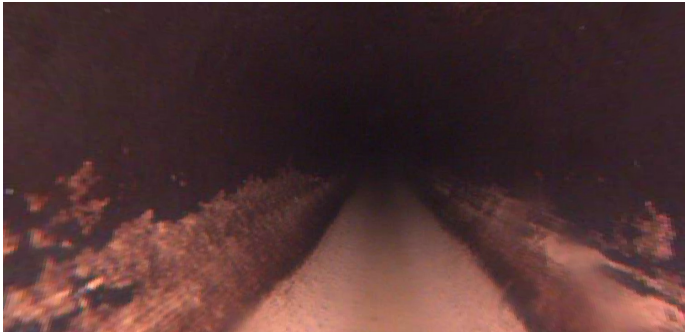
	Position	Code	Observation	Video (sec)	Grade
<b>M-903-052</b>					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	10.7	DAZ(S01)	Deposits Attached Other	54	M 2
	11.0	DAE	Deposits Attached Encrustation	66	M 2
	21.2	DAE	Deposits Attached Encrustation	97	M 2
	57.6	RFJ	Roots Fine Joint	181	M 1
	57.6	DAE	Deposits Attached Encrustation	193	M 2
	84.0	DAE	Deposits Attached Encrustation	257	M 2
	89.4	RFJ	Roots Fine Joint	279	M 1
	94.4	FS	Fracture Spiral	301	S 3
	99.7	RFJ	Roots Fine Joint	323	M 1
	99.9	DAZ	Deposits Attached Other	334	M 3
	133.8	MGO	General Observation	413	NA
	146.5	RFJ	Roots Fine Joint	450	M 1
	151.8	RFJ	Roots Fine Joint	472	M 1
	162.3	RFJ	Roots Fine Joint	504	M 1
	170.2	MWLS	Water Level Sag	530	S 3
	171.8	MCU	Camera Underwater	545	M 4
	173.8	MSA	Abandoned Survey	561	NA
	173.8	DAZ(F01)	Deposits Attached Other	572	M 2
	<b>M-903-053</b>				



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-903-052**

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Code:	<b>MWL</b>
Description:	<b>Water Level</b>



Distance (ft):	<b>.0</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	<b>10.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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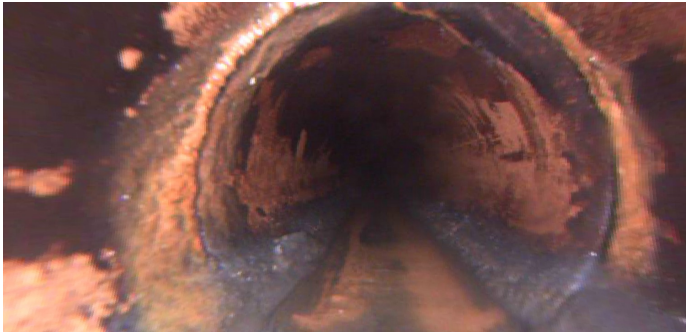
Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>



Distance (ft):	<b>10.7</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>S01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>WANDER</b>

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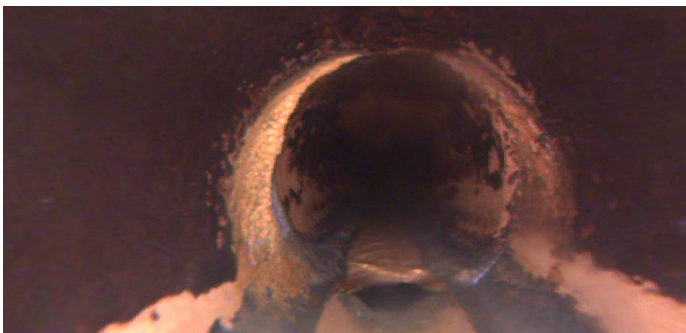
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **11.0**  
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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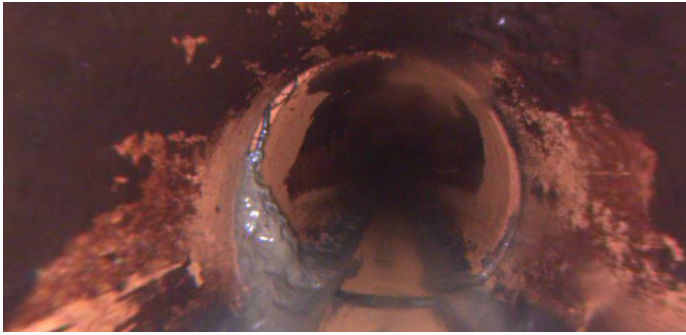
Code: **DAE**  
Description: **Deposits Attached Encrustation**



Distance (ft): **21.2**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **7**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent: **5.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **57.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **10**  
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): **57.6**  
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: **YES**  
Remarks:

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



Distance (ft): **84.0**  
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:

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

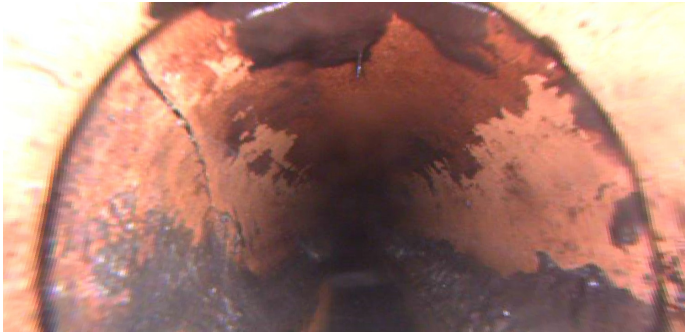


Distance (ft): **89.4**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **10**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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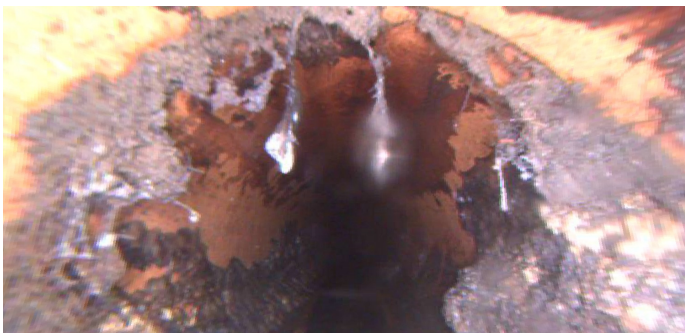
Code: **FS**  
Description: **Fracture Spiral**



Distance (ft): **94.4**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **11**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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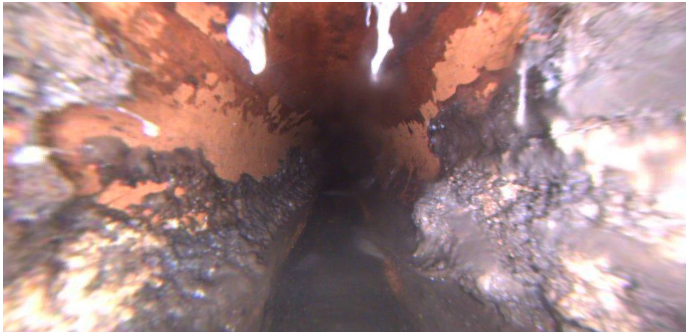
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **99.7**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
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): **99.9**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **15.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **133.8**  
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: **TOILET TISSUE**

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



Distance (ft): **146.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **12**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **151.8**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **162.3**  
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: **YES**  
Remarks:

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Code: **MWLS**  
Description: **Water Level Sag**



Distance (ft): **170.2**  
Structural Grade: **3**  
O&M Grade: **3**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **171.8**  
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:

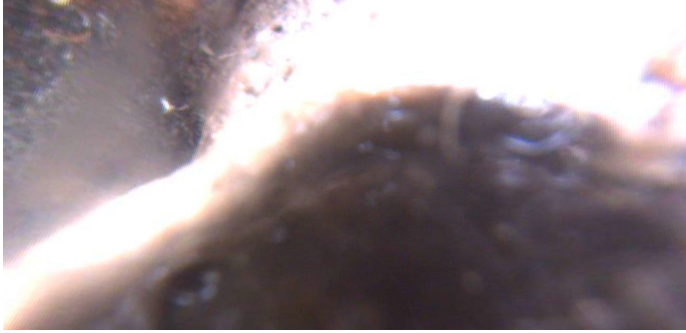
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Code: **MSA**  
Description: **Abandoned Survey**



Distance (ft): **173.8**  
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: **debris under water**

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Code:	<b>DAZ</b>
Description:	<b>Deposits Attached Other</b>
Distance (ft):	<b>173.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>7</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	<b>5.000</b>
Continuous Index:	<b>F01</b>
Within 8" of Joint:	<b>YES</b>
Remarks:	<b>WANDER</b>