

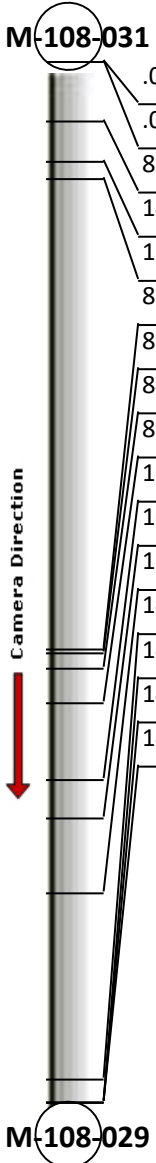
## Profile/Photo Observation Report



Date:	<b>03/24/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>235.3</b>	Owner:	<b>NA</b>	Pre Clean:	<b>No Pre-Cleaning</b>
P.O.#:		Surveyor:	<b>Justin Gonzales</b>	PSR:	<b>P-108-031-029</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>ALLEY BETWEEN SWIFT ST &amp; MISSIS</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Light Highway</b>	Tape/Media #:	
Purpose:	<b>Routine Assessment</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:	<b>R_M at 143 ft debris. Flow direction wrong</b>		
Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-108-029</b>	DS MH:	<b>M-108-031</b>
		Total Length Surveyed (ft):	<b>145.1</b>

O&M Index:	<b>2.49</b>	O&M Quick:	<b>5144</b>	O&M Rating:	<b>102.00</b>
Structural Index:	<b>0.00</b>	Structural Quick:	<b>0000</b>	Structural Rating:	<b>0.00</b>
Overall Index:	<b>2.49</b>	Overall Quick:	<b>5144</b>	Overall Rating:	<b>102.00</b>

	Position	Code	Observation	Video (sec)	Grade
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	8.4	DAGS(S01)	Deposits Attached Grease	49	M 2
	14.0	TF	Tap Factory	72	NA
	16.4	TF	Tap Factory	88	NA
	81.9	TF	Tap Factory	231	NA
	82.4	RBB	Roots Ball Barrel	244	M 5
	84.5	RBJ	Roots Ball Joint	260	M 4
	89.4	RMJ	Roots Medium Joint	281	M 3
	100.0	RBJ	Roots Ball Joint	314	M 4
	105.5	RMJ(S02)	Roots Medium Joint	336	M 3
	116.0	RBJ	Roots Ball Joint	368	M 4
	141.8	RBJ	Roots Ball Joint	431	M 4
	145.1	MSA	Abandoned Survey	449	NA
	145.1	RMJ(F02)	Roots Medium Joint	460	M 3
	145.1	DAGS(F01)	Deposits Attached Grease	471	M 2

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-108-031**

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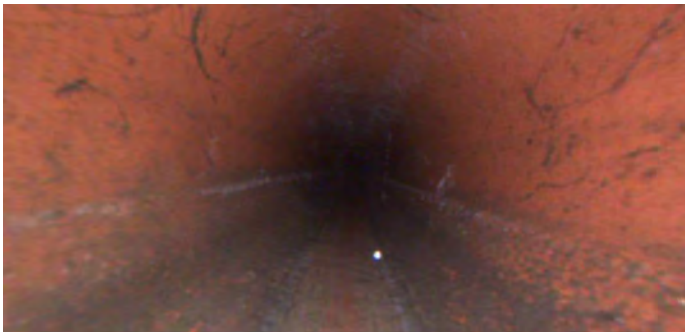
Code:	<b>MWL</b>
Description:	<b>Water Level</b>



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>5.000</b>
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>DAGS</b>
Description:	<b>Deposits Attached Grease</b>



Distance (ft):	<b>8.4</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: **TF**  
Description: **Tap Factory**



Distance (ft): **14.0**  
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: **TF**  
Description: **Tap Factory**



Distance (ft): **16.4**  
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:  
Remarks:

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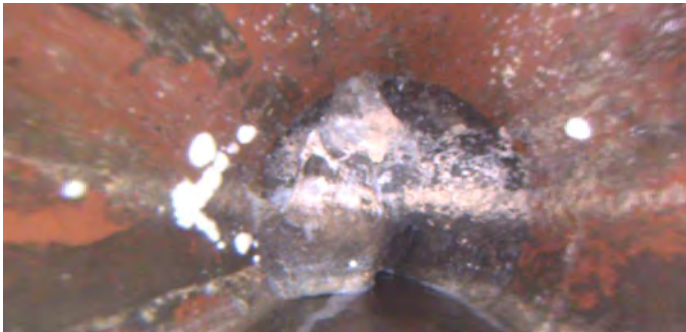
Code: **TF**  
Description: **Tap Factory**



Distance (ft): **81.9**  
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:

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Code: **RBB**  
Description: **Roots Ball Barrel**



Distance (ft): **82.4**  
Structural Grade: **0**  
O&M Grade: **5**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **95.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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



Distance (ft): **84.5**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent: **60.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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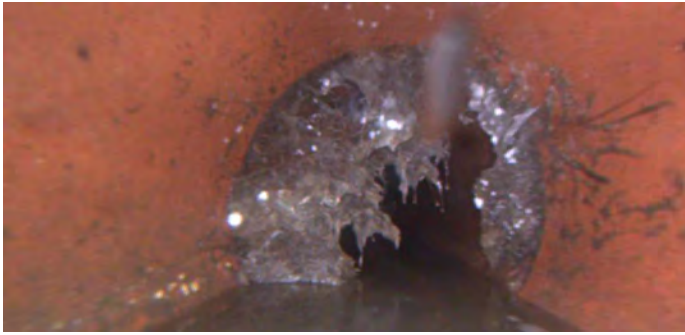
Code: **RMJ**  
Description: **Roots Medium Joint**



Distance (ft): **89.4**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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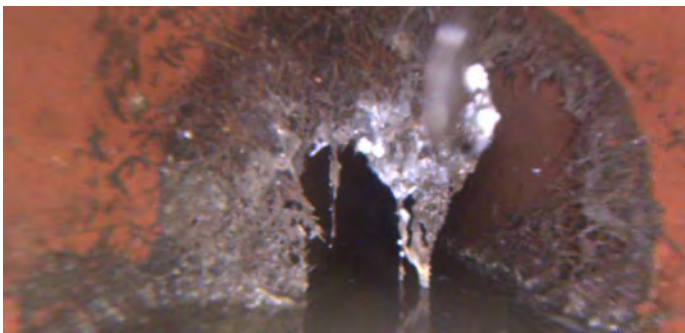
Code: **RBJ**  
Description: **Roots Ball Joint**



Distance (ft): **100.0**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **70.000**  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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

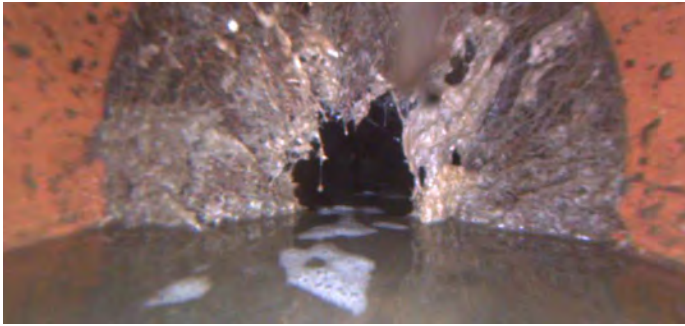


Distance (ft): **105.5**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **S02**  
Within 8" of Joint: **YES**  
Remarks: **WANDER**

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



Distance (ft): **116.0**  
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:

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



Distance (ft): **141.8**  
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:

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



Distance (ft): **145.1**  
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: **ROBOT HAS TURNED OVER**

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



Distance (ft): **145.1**  
Structural Grade: **0**  
O&M Grade: **3**  
Clock Start/From: **7**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent: **50.000**  
Continuous Index: **F02**  
Within 8" of Joint: **YES**  
Remarks: **WANDER**

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Code:	<b>DAGS</b>
Description:	<b>Deposits Attached Grease</b>
Distance (ft):	<b>145.1</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>