

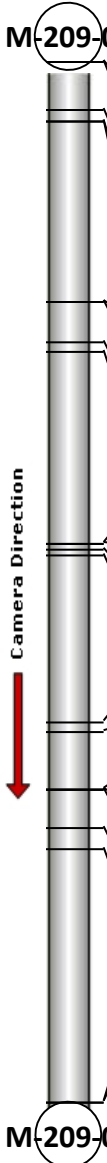
## Profile/Photo Observation Report



Date:	<b>04/12/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):		Owner:	<b>City of Hobart</b>	Pre Clean:	<b>Not Known</b>
P.O.#:	<b>245</b>	Surveyor:	<b>B. Helbling</b>	PSR:	<b>P-209-023-024</b>
Customer:	<b>City of Hobart</b>	Clean Date:		Shape:	<b>C</b>

Street:	<b>Wisconsin Street</b>	Flow Control:	<b>Not Controlled</b>
City:	<b>Hobart, IN</b>	Year Renewed:	
Location:	<b>Yard</b>	Tape/Media #:	<b>DEP245</b>
Purpose:	<b>Routine Assessment</b>	Dia/Height:	<b>15"</b>
Use:	<b>Sanitary</b>	Material:	<b>VCP</b>
Drain Area:		Lining:	
Category:	<b>NA</b>		
Comment:	<b>YES501824 Submittal 2</b>		
Location Details:		Direction of Survey:	<b>Downstream</b>
US MH:	<b>M-209-024</b>	DS MH:	<b>M-209-023</b>
		Total Length Surveyed (ft):	<b>282.4</b>

O&M Index:	<b>2.76</b>	O&M Quick:	<b>4B2D</b>	O&M Rating:	<b>127.00</b>
Structural Index:	<b>4.00</b>	Structural Quick:	<b>4100</b>	Structural Rating:	<b>4.00</b>
Overall Index:	<b>2.79</b>	Overall Quick:	<b>4B2D</b>	Overall Rating:	<b>131.00</b>

	Position	Code	Observation	Video (sec)	Grade
 <p>Camera Direction</p>					
	.0	AMH	Manhole	0	NA
	.0	MWL	Water Level	14	NA
	13.0	TF	Tap Factory	98	NA
	16.2	TFD	Tap Factory Defective	151	M 2
	16.2	RFL	Roots Fine Lateral	164	M 1
	65.0	MWL	Water Level	284	NA
	65.0	DSF(S01)	Deposits Settled Fine	295	M 2
	76.2	TFA	Tap Factory Active	364	NA
	78.9	TF	Tap Factory	428	NA
	130.6	TF	Tap Factory	565	NA
	130.9	FM	Fracture Multiple	653	S 4
	132.1	IR	Infil Runner	761	M 4
	133.9	TFA	Tap Factory Active	809	NA
	179.1	TFC	Tap Factory Capped	938	NA
	181.8	TFC	Tap Factory Capped	967	NA
	197.4	DSF(F01)	Deposits Settled Fine	1045	M 2
	197.4	MWL	Water Level	1057	NA
	197.4	DSF(S02)	Deposits Settled Fine	1083	M 4
	207.7	TF	Tap Factory	1132	NA
	213.6	TF	Tap Factory	1165	NA
	282.3	AMH	Manhole	1400	NA
	282.3	DSF(F02)	Deposits Settled Fine	1422	M 4



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-209-023**



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

Distance (ft): **13.0**  
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: **NO**  
Remarks:

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Code:	<b>TFD</b>
Description:	<b>Tap Factory Defective</b>
Distance (ft):	<b>16.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>2</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>Defective</b>

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Code:	<b>RFL</b>
Description:	<b>Roots Fine Lateral</b>
Distance (ft):	<b>16.2</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>1</b>
Clock Start/From:	<b>8</b>
Clock To:	<b>10</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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

Distance (ft): **65.0**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **35.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **65.0**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **S01**  
Within 8" of Joint: **NO**  
Remarks:

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Code: **TFA**  
Description: **Tap Factory Active**

Distance (ft): **76.2**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **2**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **78.9**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From: **10**  
Clock To:  
1st Value: **6.000**  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **130.6**  
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: **NO**  
Remarks:

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

Distance (ft): **130.9**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **IR**  
Description: **Infil Runner**

Distance (ft): **132.1**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **TFA**  
Description: **Tap Factory Active**

Distance (ft): **133.9**  
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: **NO**  
Remarks:

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Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>179.1</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>10</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code:	<b>TFC</b>
Description:	<b>Tap Factory Capped</b>
Distance (ft):	<b>181.8</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>2</b>
Clock To:	
1st Value:	<b>4.000</b>
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	

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Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **197.4**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **5**  
Clock To: **7**  
1st Value:  
2nd Value:  
Value Percent: **10.000**  
Continuous Index: **F01**  
Within 8" of Joint: **NO**  
Remarks:

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

Distance (ft): **197.4**  
Structural Grade: **0**  
O&M Grade: **0**  
Clock Start/From:  
Clock To:  
1st Value:  
2nd Value:  
Value Percent: **40.000**  
Continuous Index:  
Within 8" of Joint: **NO**  
Remarks:

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Code: **DSF**  
Description: **Deposits Settled Fine**

Distance (ft): **197.4**  
Structural Grade: **0**  
O&M Grade: **4**  
Clock Start/From: **4**  
Clock To: **8**  
1st Value:  
2nd Value:  
Value Percent: **25.000**  
Continuous Index: **S02**  
Within 8" of Joint: **NO**  
Remarks:

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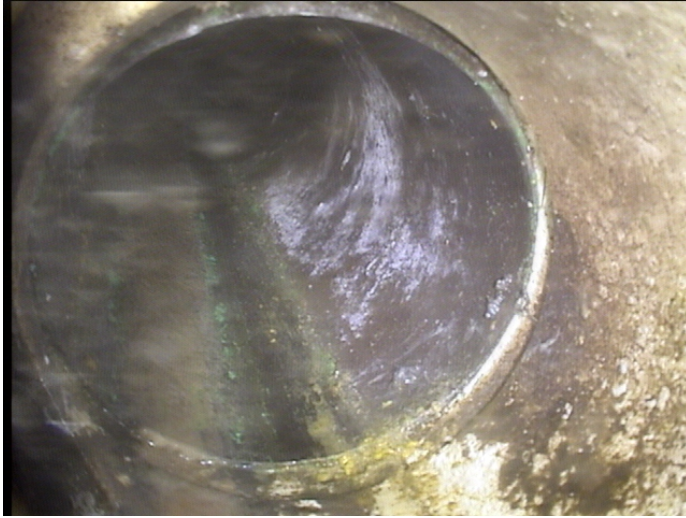


Code: **TF**  
Description: **Tap Factory**

Distance (ft): **207.7**  
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: **NO**  
Remarks:

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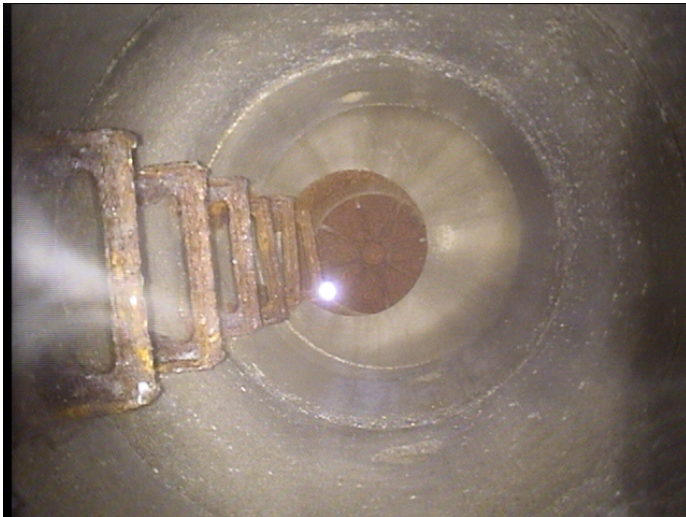




Code: **TF**  
Description: **Tap Factory**

Distance (ft): **213.6**  
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: **NO**  
Remarks:

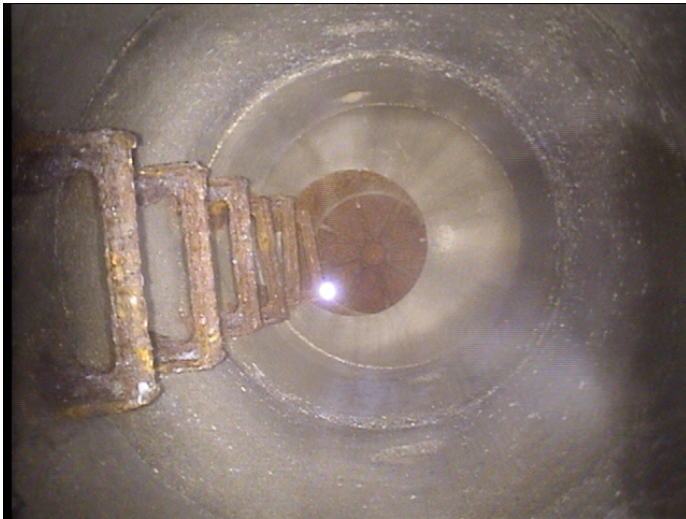
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Code: **AMH**  
Description: **Manhole**

Distance (ft): **282.3**  
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: **M-209-024**

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Code:	<b>DSF</b>
Description:	<b>Deposits Settled Fine</b>
Distance (ft):	<b>282.3</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>4</b>
Clock Start/From:	<b>4</b>
Clock To:	<b>8</b>
1st Value:	
2nd Value:	
Value Percent:	<b>25.000</b>
Continuous Index:	<b>F02</b>
Within 8" of Joint:	<b>NO</b>
Remarks:	