

## Profile/Photo Observation Report

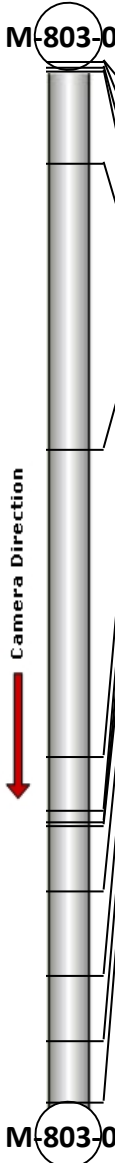


Date:	<b>03/28/2018</b>	Weather:		Coding:	<b>PACP 6.0</b>
Pipe Length (ft):	<b>159.4</b>	Owner:	<b>NA</b>	Pre Clean:	<b>Not Known</b>
P.O.#:		Surveyor:	<b>Selasie Honu</b>	PSR:	<b>P-803-021-023</b>
Customer:		Clean Date:	<b>01/01/1900</b>	Shape:	<b>C</b>

Street:	<b>E 40TH AV</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>VCP</b>
Drain Area:	<b>NA</b>	Lining:	
Category:	<b>NA</b>		
Comment:			

Location Details:		Direction of Survey:	<b>Upstream</b>
US MH:	<b>M-803-021</b>	DS MH:	<b>M-803-023</b>
		Total Length Surveyed (ft):	<b>155.6</b>

O&M Index:	<b>1.20</b>	O&M Quick:	<b>2114</b>	O&M Rating:	<b>6.00</b>
Structural Index:	<b>3.17</b>	Structural Quick:	<b>4233</b>	Structural Rating:	<b>19.00</b>
Overall Index:	<b>2.27</b>	Overall Quick:	<b>4233</b>	Overall Rating:	<b>25.00</b>

	Position	Code	Observation	Video (sec)	Grade
	M-803-023				
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	.9	FS	Fracture Spiral	34	S 3
	1.5	RFJ	Roots Fine Joint	47	M 1
	15.2	RFJ	Roots Fine Joint	86	M 1
	58.1	SSS	Surface Spalling	183	S 2
	104.0	RFJ	Roots Fine Joint	287	M 1
	112.0	FM	Fracture Multiple	314	S 4
	113.6	TBI	Tap Break-in Intruding	329	M 2
	114.4	FM	Fracture Multiple	343	S 4
	124.0	CM	Crack Multiple	374	S 3
	136.6	RFJ	Roots Fine Joint	411	M 1
	146.3	FL	Fracture Longitudinal	442	S 3
	155.6	AMH	Manhole	472	NA
M-803-021					

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-803-023**

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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>FS</b>
Description:	<b>Fracture Spiral</b>



Distance (ft):	<b>.9</b>
Structural Grade:	<b>3</b>
O&M Grade:	<b>0</b>
Clock Start/From:	<b>3</b>
Clock To:	<b>5</b>
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>YES</b>
Remarks:	

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



Distance (ft): **1.5**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To: **3**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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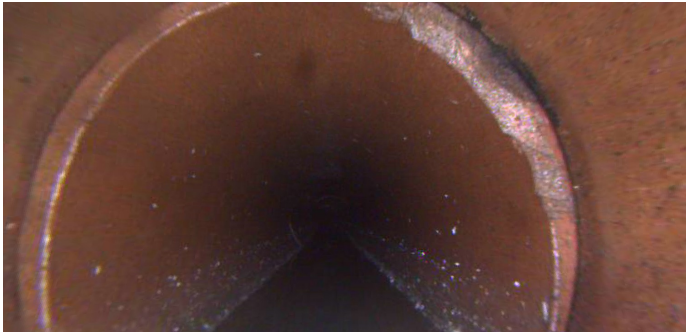
Code: **RFJ**  
Description: **Roots Fine Joint**



Distance (ft): **15.2**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **2**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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Code: **SSS**  
Description: **Surface Spalling**



Distance (ft): **58.1**  
Structural Grade: **2**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **3**  
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): **104.0**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **9**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **112.0**  
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: **YES**  
Remarks:

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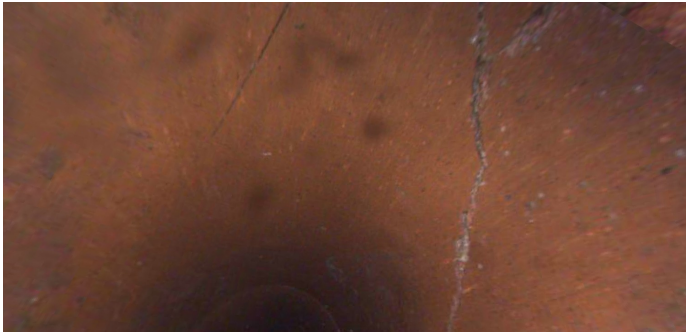
Code: **TBI**  
Description: **Tap Break-in Intruding**



Distance (ft): **113.6**  
Structural Grade: **0**  
O&M Grade: **2**  
Clock Start/From: **1**  
Clock To:  
1st Value: **4.000**  
2nd Value: **2.000**  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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



Distance (ft): **114.4**  
Structural Grade: **4**  
O&M Grade: **0**  
Clock Start/From: **12**  
Clock To: **5**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:

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

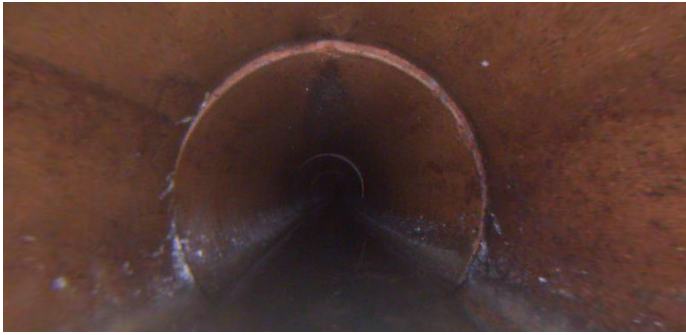


Distance (ft): **124.0**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **136.6**  
Structural Grade: **0**  
O&M Grade: **1**  
Clock Start/From: **8**  
Clock To: **4**  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint: **YES**  
Remarks:

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



Distance (ft): **146.3**  
Structural Grade: **3**  
O&M Grade: **0**  
Clock Start/From: **3**  
Clock To:  
1st Value:  
2nd Value:  
Value Percent:  
Continuous Index:  
Within 8" of Joint:  
Remarks:





Code:	<b>AMH</b>
Description:	<b>Manhole</b>
Distance (ft):	<b>155.6</b>
Structural Grade:	<b>0</b>
O&M Grade:	<b>0</b>
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	<b>NO</b>
Remarks:	<b>M-803-021</b>