Profile/Photo Observation Report

RedZone ROBOTICS

Date:	**04/07/2018**	Weather:			Coding:	**PACP 6.0**
Pipe Length (ft):	**547.5**	Owner:	**NA**		Pre Clean:	**Not Known**
P.O.#:		Surveyor:	**Mark Ruby**		PSR:	**P-503-090-089**
Customer:		Clean Date:	**01/01/1900**		Shape:	**C**

Street:	**W 40TH AVE**	Flow Control:	**Not Controlled**	
City:	**Hobart, IN**	Year Renewed:		
Location:	**Other**	Tape/Media #:		
Purpose:	**Not Known**	Dia/Height:	**8"**	
Use:	**Sanitary**	Material:	**PVC**	
Drain Area:	**NA**	Lining:		
Category:	**NA**			
Comment:				
Location Details:		Direction of Survey:	**Downstream**	
US MH:	**M-503-089**	DS MH: **M-503-090**	Total Length Surveyed (ft):	**463.4**

O&M Index:	**0.00**	O&M Quick:	**0000**	O&M Rating:	**0.00**
Structural Index:	**0.00**	Structural Quick:	**0000**	Structural Rating:	**0.00**
Overall Index:	**0.00**	Overall Quick:	**0000**	Overall Rating:	**0.00**

Position	Code	Observation	Video (sec)	Grade
M-503-089				
.0	AMH	Manhole	10	NA
.0	MWL	Water Level	21	NA
17.1	TFA	Tap Factory Active	67	NA
26.2	TF	Tap Factory	97	NA
107.0	TF	Tap Factory	270	NA
109.6	TF	Tap Factory	287	NA
216.0	TF	Tap Factory	511	NA
232.5	TF	Tap Factory	556	NA
313.1	TF	Tap Factory	729	NA
316.0	TF	Tap Factory	746	NA
456.5	TF	Tap Factory	1039	NA
458.8	TF	Tap Factory	1055	NA
463.4	MSA	Abandoned Survey	1076	NA

Camera Direction

M-503-090

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-503-089**

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:	**10.000**
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	

Code:	**TFA**
Description:	**Tap Factory Active**
Distance (ft):	**17.1**
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:	
Remarks:	
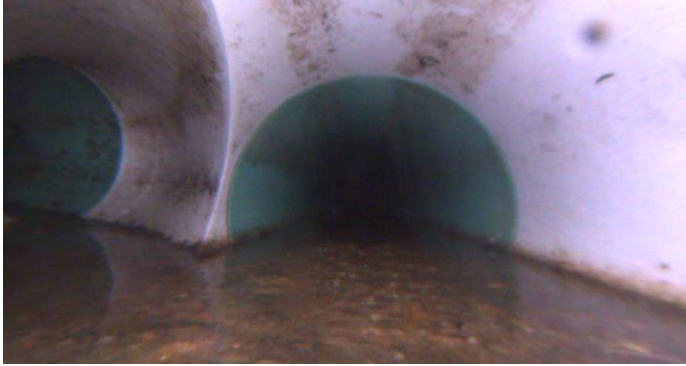
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**26.2**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**8**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**107.0**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**109.6**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**4**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
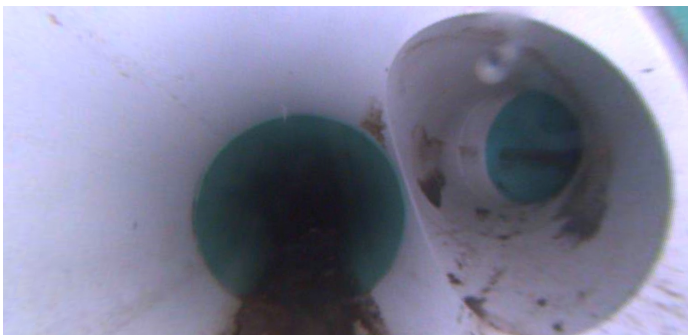
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**216.0**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**3**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
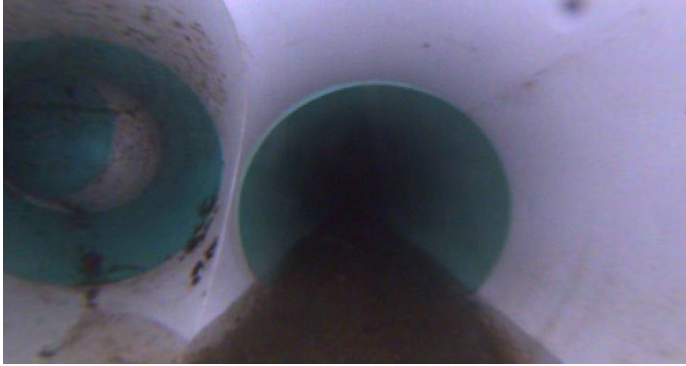
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**232.5**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
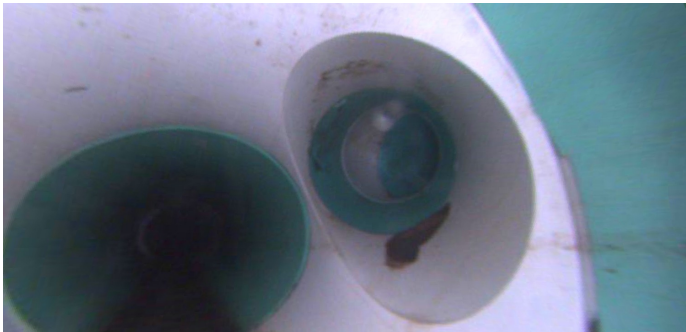
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**313.1**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**2**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
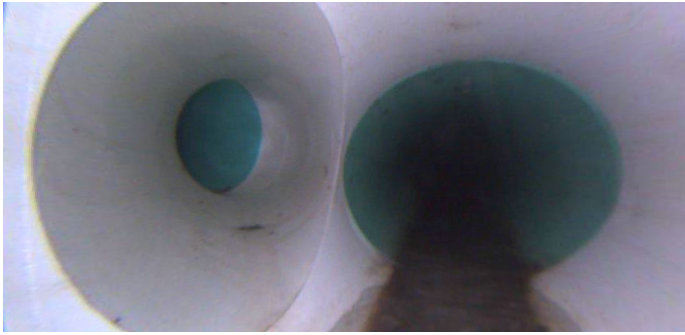
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**316.0**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
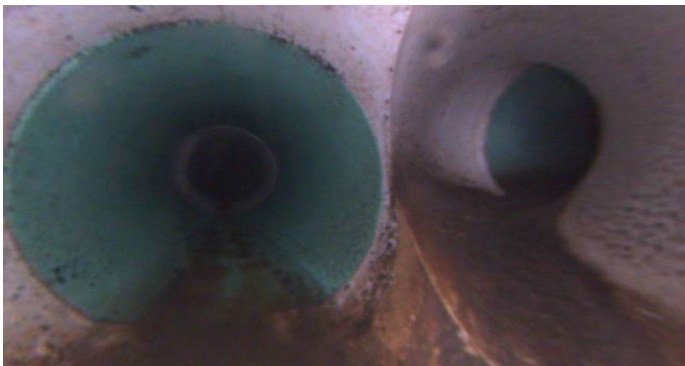
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**456.5**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**3**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
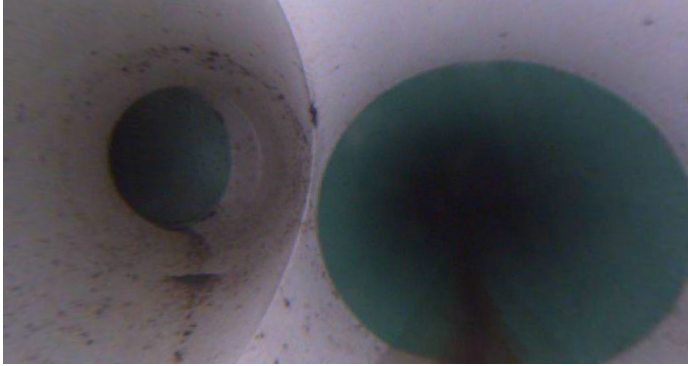
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**458.8**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**MSA**
Description:	**Abandoned Survey**
Distance (ft):	**463.4**
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:	**max tether**