Profile/Ph	noto Observation	Report				RedZon R 0 B 0 T I C S
Date:	04/07/2018	Weather:			Coding:	PACP 6.0
Pipe Length (ft	t): 240.0	Owner:	NA		Pre Clean:	No Pre-Cleaning
P.O.#:		Surveyor:	Mark Ruby		PSR:	P-606-094-090
Customer:		Clean Date:	01/01/1900		Shape:	с
Street:	N LAKE SHORE DR		Flow Control:		Not Controlled	
City:	Hobart, IN		Year Renewed	:		
Location:	Yard		Tape/Media #	:		
Purpose:	Routine Assessme	nt	Dia/Height:		10"	
Use:	Sanitary		Material:		VCP	
Drain Area:	NA		Lining:			
Category:	NA					
Comment:	P_C 150lf rock.					
Location Detai	ils:		Direction of S	irvey:	Upstream	
US MH:	M-606-094	DS MH:	M-606-090	Tot	al Length Surveyed (ft):	151.4
0&M Index:	2.00	O&M Quick:	2	400	O&M Rating:	8.00
tructural Index	3.50	Structural Qu	uick: 4	131	Structural Rating:	7.00
Overall Index:	2.50	Overall Quick	c 4	131	Overall Rating:	15.00

	Position	Code	Observation	Video (sec)	Grade
M(606-)0	90				
	.0	AMH	Manhole	10	NA
	0.	MWL	Water Level	21	NA
	38.6	IW	Infil Weeper	110	M 2
	51.2	FM	Fracture Multiple	147	S 4
	/ 68.0	TF	Tap Factory	193	NA
	112.4	IW	Infil Weeper	294	M 2
	112.7	FS	Fracture Spiral	306	S 3
	129.7	TF	Tap Factory	352	NA
	142.5	IW	Infil Weeper	390	M 2
5	142.5	DAGS	Deposits Attached Grease	401	M 2
e CTI	151.4	MSA	Abandoned Survey	430	NA
Camera Direction	94				
	J-1				

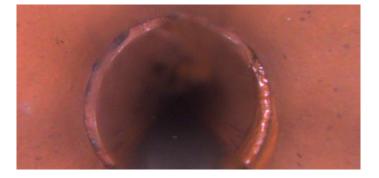


Code: Description:	AMH Manhole
Distance (ft):	.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	NO
Remarks:	M-606-090

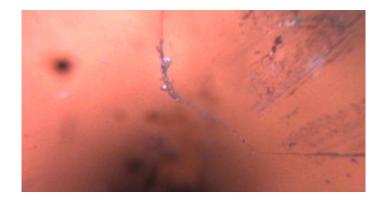


Code: MWL Description: Water Level

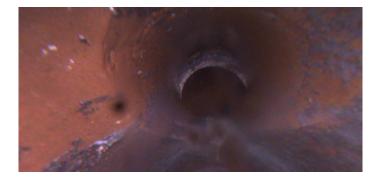
.0
0
0
10.000
NO



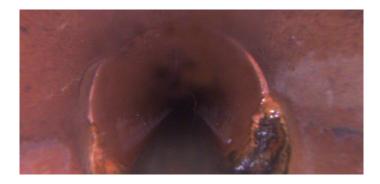
Code: Description:	IW Infil Weeper
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint:	38.6 0 2 2 4 YES
Remarks:	



Code: Description:	FM Fracture Multiple
Distance (ft):	51.2
Structural Grade:	4
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:	

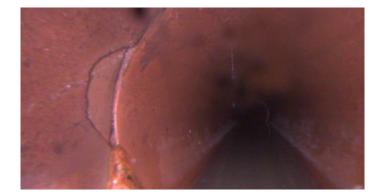


Code:	TF
Description:	Tap Factory
Distance (ft):	68.0
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	4.000

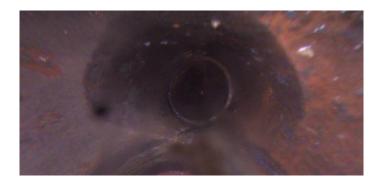


Code:IWDescription:Infil Weeper

Distance (ft):	112.4
Structural Grade:	0
O&M Grade:	2
Clock Start/From:	8
Clock To:	4
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	YES
Remarks:	

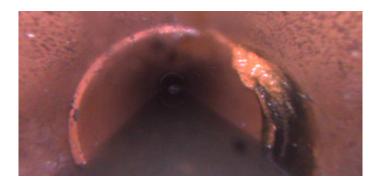


Code: Description:	FS Fracture Spiral
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	112.7 3 0 8 9



Code:	TF
Description:	Tap Factory

Distance (ft):	129.7
Structural Grade:	0
O&M Grade:	0
Clock Start/From:	12
Clock To:	
1st Value:	4.000
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

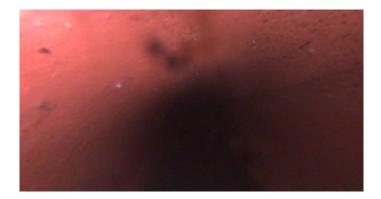


Code: Description:	IW Infil Weeper
Distance (ft): Structural Grade: O&M Grade: Clock Start/From: Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index: Within 8" of Joint: Remarks:	142.5 0 2 1 4 YES



Code:DAGSDescription:Deposits Attached Grease

Distance (ft):	142.5
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:	



Code:	
Description:	

MSA Abandoned Survey

Distance (ft):	151.4
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:	Debris