## **Profile/Photo Observation Report**



Date: 04/18/2018 Weather: Coding: PACP 6.0

Pipe Length (ft): 235.2 Owner: NA Pre Clean: Not Known

P.O.#: Surveyor: **Byrd Fitzgerald** PSR: **P-706-049-018** 

Customer: Clean Date: 01/01/1900 Shape: C

Street: GARFIELD ST & MAIN ST Flow Control: Not Controlled

City: Hobart, IN Year Renewed: Location: Light Highway Tape/Media #:

Purpose: Maintenance Related Dia/Height: 8"
Use: Sanitary Material: VCP

Drain Area: NA Lining: Cured in Place

Category: NA
Comment: Reverse setup. roots at 26'.

Location Details: Direction of Survey: **Downstream** 

US MH: M-706-049 DS MH: M-706-018 Total Length Surveyed (ft): 27.4

2.40 24.00 O&M Index: O&M Quick: O&M Rating: 0.00 0000 0.00 Structural Quick: Structural Rating: Structural Index: 2.40 24.00 Overall Quick: Overall Rating: Overall Index:

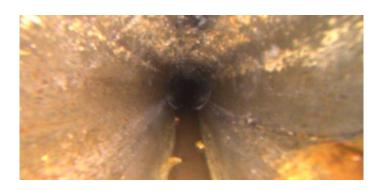
.0 AMH Manhole 10 NA .0 MWL Water Level 21 NA .0 DAGS(S01) Deposits Attached Grease 32 M 2 8.2 RFJ Roots Fine Joint 60 M 1 14.6 RMJ Roots Medium Joint 84 M 3 16.6 RMJ Roots Medium Joint 99 M 3 18.6 TF Tap Factory 116 NA 20.3 TFC Tap Factory Capped 134 NA 21.1 RMJ(S03) Roots Medium Joint 148 M 3 26.9 RBJ Roots Ball Joint 171 M 4 27.4 MSA Abandoned Survey 184 NA 27.4 DAGS(F01) Deposits Attached Grease 195 M 2 27.4 RMJ(F03) Roots Medium Joint 206 M 3	Code	Observation	Video (sec)	Grade
.0       AMH       Manhole       10       NA         .0       MWL       Water Level       21       NA         .0       DAGS(S01)       Deposits Attached Grease       32       M 2         8.2       RFJ       Roots Fine Joint       60       M 1         14.6       RMJ       Roots Medium Joint       84       M 3         16.6       RMJ       Roots Medium Joint       99       M 3         18.6       TF       Tap Factory       116       NA         20.3       TFC       Tap Factory Capped       134       NA         21.1       RMJ(S03)       Roots Medium Joint       148       M 3         26.9       RBJ       Roots Ball Joint       171       M 4         27.4       MSA       Abandoned Survey       184       NA         27.4       DAGS(F01)       Deposits Attached Grease       195       M 2				
DAGS(S01)   Deposits Attached Grease   32   M 2	АМН	Manhole	10	NA
8.2       RFJ       Roots Fine Joint       60       M 1         14.6       RMJ       Roots Medium Joint       84       M 3         16.6       RMJ       Roots Medium Joint       99       M 3         18.6       TF       Tap Factory       116       NA         20.3       TFC       Tap Factory Capped       134       NA         21.1       RMJ(S03)       Roots Medium Joint       148       M 3         26.9       RBJ       Roots Ball Joint       171       M 4         27.4       MSA       Abandoned Survey       184       NA         27.4       DAGS(F01)       Deposits Attached Grease       195       M 2	MWL	Water Level	21	NA
14.6       RMJ       Roots Medium Joint       84       M 3         16.6       RMJ       Roots Medium Joint       99       M 3         18.6       TF       Tap Factory       116       NA         20.3       TFC       Tap Factory Capped       134       NA         21.1       RMJ(S03)       Roots Medium Joint       148       M 3         26.9       RBJ       Roots Ball Joint       171       M 4         27.4       MSA       Abandoned Survey       184       NA         27.4       DAGS(F01)       Deposits Attached Grease       195       M 2	DAGS(S01)	Deposits Attached Grease	32	M 2
16.6 RMJ Roots Medium Joint 99 M 3   18.6 TF Tap Factory 116 NA   20.3 TFC Tap Factory Capped 134 NA   21.1 RMJ(S03) Roots Medium Joint 148 M 3   26.9 RBJ Roots Ball Joint 171 M 4   27.4 MSA Abandoned Survey 184 NA   27.4 DAGS(F01) Deposits Attached Grease 195 M 2	RFJ	Roots Fine Joint	60	M 1
18.6   TF   Tap Factory   116   NA	RMJ	Roots Medium Joint	84	M 3
20.3 TFC	RMJ	Roots Medium Joint	99	M 3
21.1       RMJ(S03)       Roots Medium Joint       148       M 3         26.9       RBJ       Roots Ball Joint       171       M 4         27.4       MSA       Abandoned Survey       184       NA         27.4       DAGS(F01)       Deposits Attached Grease       195       M 2	TF	Tap Factory	116	NA
26.9         RBJ         Roots Ball Joint         171         M 4           27.4         MSA         Abandoned Survey         184         NA           27.4         DAGS(F01)         Deposits Attached Grease         195         M 2	TFC	Tap Factory Capped	134	NA
27.4 MSA Abandoned Survey 184 NA 27.4 DAGS(F01) Deposits Attached Grease 195 M 2	RMJ(S03)	Roots Medium Joint	148	M 3
27.4 DAGS(F01) Deposits Attached Grease 195 M 2	RBJ	Roots Ball Joint	171	M 4
• 11111 · · · · · · · · · · · · · · · ·	MSA	Abandoned Survey	184	NA
27.4 RMJ(F03) Roots Medium Joint 206 M 3	DAGS(F01)	Deposits Attached Grease	195	M 2
	RMJ(F03)	Roots Medium Joint	206	M 3
		AMH MWL DAGS(S01) RFJ RMJ RMJ TF TFC RMJ(S03) RBJ MSA DAGS(F01)	AMH Manhole  MWL Water Level  DAGS(S01) Deposits Attached Grease  RFJ Roots Fine Joint  RMJ Roots Medium Joint  RMJ Roots Medium Joint  TF Tap Factory  TFC Tap Factory Capped  RMJ(S03) Roots Medium Joint  RBJ Roots Ball Joint  MSA Abandoned Survey  DAGS(F01) Deposits Attached Grease	AMH Manhole 10  MWL Water Level 21  DAGS(S01) Deposits Attached Grease 32  RFJ Roots Fine Joint 60  RMJ Roots Medium Joint 84  RMJ Roots Medium Joint 99  TF Tap Factory 116  TFC Tap Factory Capped 134  RMJ(S03) Roots Medium Joint 148  RBJ Roots Ball Joint 171  MSA Abandoned Survey 184  DAGS(F01) Deposits Attached Grease 195

Code:



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-706-049

 $\mathsf{AMH}$ 



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:

Continuous Index:

Within 8" of Joint:

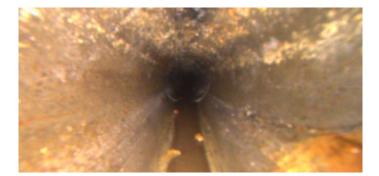
Remarks:

5.000

NO

Code: DAGS

Description: Deposits Attached Grease

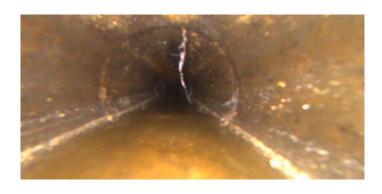


Distance (ft): .0
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 11
Clock To: 1

1st Value: 2nd Value:

Value Percent: 5.000
Continuous Index: S01
Within 8" of Joint: NO

Remarks:



Code: RFJ

Description: **Roots Fine Joint** 

Distance (ft): 8.2 Structural Grade: 0 1 O&M Grade: Clock Start/From: 12

Clock To: 1st Value: 2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: RMJ

Description: **Roots Medium Joint** 

Distance (ft): 14.6 Structural Grade: 0 O&M Grade: 3 Clock Start/From: 8 Clock To: 4 1st Value:

Value Percent:

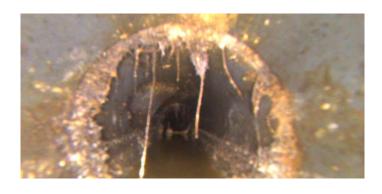
2nd Value:

20.000

Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: RMJ

Description: Roots Medium Joint

Distance (ft): 16.6
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 8

Clock To: 4

1st Value:

2nd Value:

Value Percent: 5.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: **TF** 

Description: **Tap Factory** 

Distance (ft): 18.6
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 10

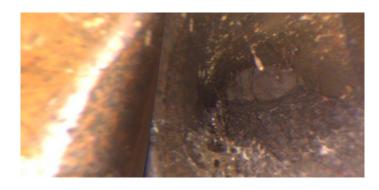
Clock To:

1st Value: **4.000** 

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint: YES

Remarks:



Code: TFC

Description: **Tap Factory Capped** 

Distance (ft): 20.3 Structural Grade: 0 0 O&M Grade: Clock Start/From: 2

Clock To:

1st Value: 4.000

2nd Value: Value Percent: Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: RMJ

Description: **Roots Medium Joint** 

Distance (ft): 21.1 Structural Grade: 0 O&M Grade: 3 Clock Start/From: 7 5 Clock To: 1st Value:

Value Percent: 10.000 Continuous Index: S03 Within 8" of Joint: YES

Remarks:

2nd Value:



Code: RBJ

Description: Roots Ball Joint

Distance (ft): 26.9
Structural Grade: 0
O&M Grade: 4
Clock Start/From: 7
Clock To: 5
1st Value:

2nd Value:

Value Percent: **55.000** 

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MSA

Description: Abandoned Survey

Distance (ft): 27.4
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: rbj



Code: DAGS

Description: Deposits Attached Grease

Distance (ft): 27.4
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 11

Clock To: 1

1st Value:

Value Percent: 5.000
Continuous Index: F01
Within 8" of Joint: NO

Remarks:

2nd Value:

Code: RMJ

Description: Roots Medium Joint



Distance (ft): 27.4
Structural Grade: 0

O&M Grade: 3

Clock Start/From: 7

Clock To: 5

1st Value:

Value Percent: 5.000
Continuous Index: F03
Within 8" of Joint: YES

Remarks:

2nd Value: