Profile/Photo Observation Report



Date: 04/08/2018 Weather: Coding: PACP 6.0

Pipe Length (ft):217.7Owner:NAPre Clean:No Pre-CleaningP.O.#:Surveyor:Byrd FitzgeraldPSR:P-606-079-078

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

Street: S CONNECTICUT ST Flow Control: Not Controlled

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

Purpose: Routine Assessment Dia/Height: 10"
Use: Sanitary Material: VCP

Drain Area: NA Lining:

Category: NA

Comment:

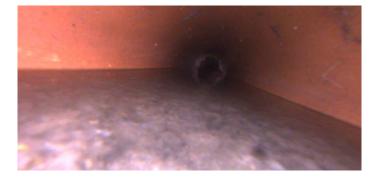
Location Details: Direction of Survey: Downstream

US MH: M-606-078 DS MH: M-606-079 Total Length Surveyed (ft): 40.2

2.12 512B 36.00 O&M Rating: O&M Index: O&M Quick: 0.00 0000 0.00 Structural Quick: Structural Rating: Structural Index: 2.12 512B 36.00 Overall Index: Overall Quick: Overall Rating:

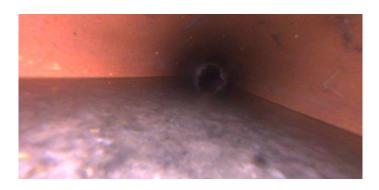
.0 AMH Manhole 10 NA .0 MWL Water Level 21 NA .0 DSZ(S01) Deposits Settled Other 32 M 2 3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA .17.3 MWL Water Level 101 NA .19.7 RPR Repair Point Pipe Replaced 117 NA .27.9 RFJ Roots Fine Joint 145 M 1 .28.7 SZ Surface Other 159 NA .40.0 DAE Deposits Attached Encrustation 194 M 5 .40.2 MSA Abandoned Survey 205 NA .40.2 DAE(F02) Deposits Attached Encrustation 216 M 2 .40.2 DSZ(F01) Deposits Settled Other 228 M 2	.0 MWL Water Level 21 NA .0 DSZ(S01) Deposits Settled Other 32 M 2 3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	.0 AMH Manhole 10 NA .0 MWL Water Level 21 NA .0 DSZ(S01) Deposits Settled Other 32 M 2 3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	Code	Observation	Video (sec)	Grade
.0 AMH Manhole 10 NA .0 MWL Water Level 21 NA .0 DSZ(S01) Deposits Settled Other 32 M 2 3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	.0 AMH Manhole 10 NA .0 MWL Water Level 21 NA .0 DSZ(S01) Deposits Settled Other 32 M 2 3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	.0 AMH Manhole 10 NA .0 MWL Water Level 21 NA .0 DSZ(S01) Deposits Settled Other 32 M 2 3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2				
DSZ(S01) Deposits Settled Other 32 M 2	DSZ(S01) Deposits Settled Other 32 M 2	DSZ(SO1) Deposits Settled Other 32 M 2	АМН	Manhole	10	NA
3.9 DAE(S02) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	3.9 DAE(SO2) Deposits Attached Encrustation 52 M 2 3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(FO2) Deposits Attached Encrustation 216 M 2	3.9 DAE(S02) Deposits Attached Encrustation 52 M 2	MWL	Water Level	21	NA
3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	3.9 MWL Water Level 63 NA 17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	DSZ(S01)	Deposits Settled Other	32	M 2
17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	17.3 MWL Water Level 101 NA 19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	DAE(S02)	Deposits Attached Encrustation	52	M 2
19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	19.7 RPR Repair Point Pipe Replaced 117 NA 27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	MWL	Water Level	63	NA
27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	27.9 RFJ Roots Fine Joint 145 M 1 28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	MWL	Water Level	101	NA
28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	28.7 SZ Surface Other 159 NA 40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	RPR	Repair Point Pipe Replaced	117	NA
40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	40.0 DAE Deposits Attached Encrustation 194 M 5 40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	RFJ	Roots Fine Joint	145	M 1
40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	40.2 MSA Abandoned Survey 205 NA 40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	SZ	Surface Other	159	NA
40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	40.2 DAE(F02) Deposits Attached Encrustation 216 M 2	DAE	Deposits Attached Encrustation	194	M 5
		11.	MSA	Abandoned Survey	205	NA
40.2 DSZ(F01) Deposits Settled Other 228 M 2	40.2 DSZ(F01) Deposits Settled Other 228 M 2	40.2 DSZ(F01) Deposits Settled Other 228 M 2	DAE(F02)	Deposits Attached Encrustation	216	M 2
			DSZ(F01)	Deposits Settled Other	228	M 2
				AMH MWL DSZ(S01) DAE(S02) MWL MWL RPR RFJ SZ DAE MSA DAE(F02)	AMH Manhole MWL Water Level DSZ(S01) Deposits Settled Other DAE(S02) Deposits Attached Encrustation MWL Water Level MWL Water Level RPR Repair Point Pipe Replaced RFJ Roots Fine Joint SZ Surface Other DAE Deposits Attached Encrustation MSA Abandoned Survey DAE(F02) Deposits Attached Encrustation	AMH Manhole 10 MWL Water Level 21 DSZ(S01) Deposits Settled Other 32 DAE(S02) Deposits Attached Encrustation 52 MWL Water Level 63 MWL Water Level 101 RPR Repair Point Pipe Replaced 117 RFJ Roots Fine Joint 145 SZ Surface Other 159 DAE Deposits Attached Encrustation 194 MSA Abandoned Survey 205 DAE(F02) Deposits Attached Encrustation 216

Code:



Description:	Manhole
Distance (ft):	.0
Structural Grade:	
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-606-078

AMH



Code: MWL

Description: Water Level

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

Clock Start/From

1st Value: 2nd Value:

Value Percent:

Continuous Index:

Within 8" of Joint:

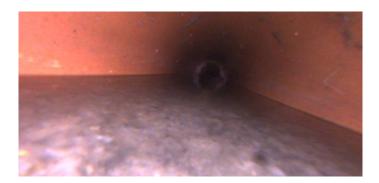
Remarks:

25.000

NO

Code: DSZ

Description: Deposits Settled Other



Distance (ft): .0

Structural Grade: 0

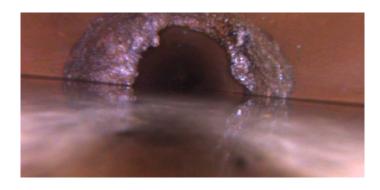
O&M Grade: 2

Clock Start/From: 6

Clock To: 1st Value: 2nd Value:

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

Remarks: debris/sediments



Code: DAE

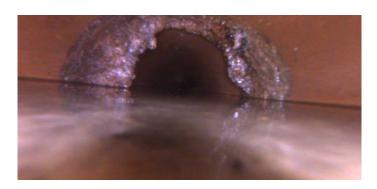
Description: Deposits Attached Encrustation

Distance (ft): 3.9
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 9
Clock To: 3

1st Value: 2nd Value:

Value Percent: 10.000
Continuous Index: S02
Within 8" of Joint: YES

Remarks: wandering in %



Code: MWL

Description: Water Level

Distance (ft): 3.9
Structural Grade: 0

O&M Grade: 0

Clock Start/From:

Clock To: 1st Value: 2nd Value:

Value Percent: 50.000

Continuous Index:

Within 8" of Joint: NO

Remarks:



Code: MWL

Description: Water Level

Distance (ft): 17.3
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:

Remarks:

NO



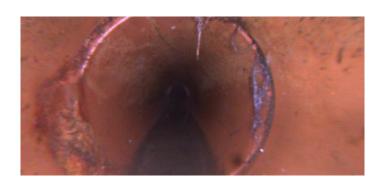
Code: RPR

Description: Repair Point Pipe Replaced

Distance (ft): 19.7
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: pvc



Code: RFJ

Description: Roots Fine Joint

Distance (ft): 27.9
Structural Grade: 0
O&M Grade: 1
Clock Start/From: 12
Clock To: 3

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

Within 8" of Joint:

Remarks:

YES



Code: SZ

Description: Surface Other

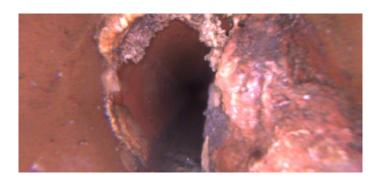
Distance (ft): 28.7
Structural Grade: 0

O&M Grade: 0

Clock Start/From: 12

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

Within 8" of Joint: YES
Remarks: scratch



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 40.0
Structural Grade: 0
O&M Grade: 5
Clock Start/From: 11
Clock To: 6

1st Value: 2nd Value:

Value Percent: 50.000

Continuous Index:

Within 8" of Joint:

Remarks:

YES



Code: MSA

Description: Abandoned Survey

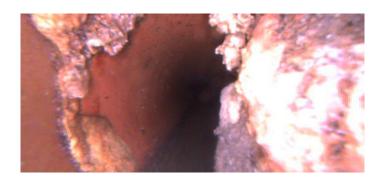
Distance (ft): 40.2
Structural Grade: 0

O&M Grade: 0

Clock Start/From:

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

Within 8" of Joint: NO Remarks: dae



Code: DAE

Description: Deposits Attached Encrustation

Distance (ft): 40.2
Structural Grade: 0

O&M Grade: 2

Clock Start/From: 9

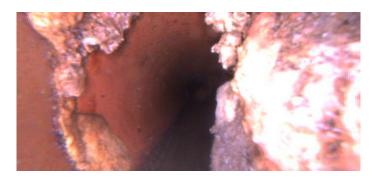
Clock To: 3

1st Value:

2nd Value:

Value Percent: 10.000
Continuous Index: F02
Within 8" of Joint: YES

Remarks: wandering in %



Code: DSZ

Description: Deposits Settled Other

Distance (ft): 40.2
Structural Grade: 0
O&M Grade: 2
Clock Start/From: 6

Clock To: 1st Value: 2nd Value:

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

Remarks: debris/sediments