APPENDIX A - CROSS SECTION PICTURES

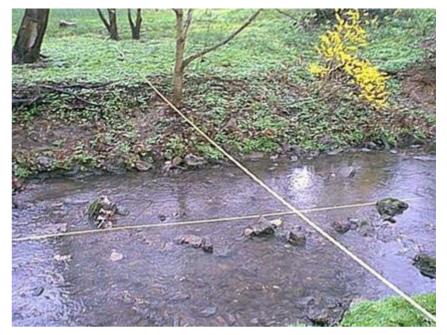
Section

A2

Cheltenham Township Drainage Area = 0.41 mi² 4/14/04







XS – DSR to DSL

Downstream View



Section

B2

Burholme Creek Rockledge Township Drainage Area = 0.24 mi^2 4/6/04

Upstream View





XS – DSL to DSR

Downstream View



Section

B4

Burholme Creek Abington Township Drainage Area = 0.29 mi^2 4/6/04







XS – DSL to DSR

Downstream View



Section

B6

Burholme Creek Philadelphia County Drainage Area = 0.50 mi^2 4/8/04







XS – DSL to DSR

Downstream View



Section

B8

Burholme Creek Cheltenham Township Drainage Area = 0.64 mi^2 4/8/04

Upstream View





XS – DSR to DSL

Downstream View



Section

B10

Burholme Creek Cheltenham Township Drainage Area = 0.66 mi^2 4/8/04

Upstream View





XS – DSR to DSL

Downstream View



Section

C2

Abington Township Drainage Area = 0.17 mi² 3/31/04







XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section D2

Abington Township Drainage Area = 0.12 mi^2 3/24/04







XS – DSR to DSL

Downstream View



Section

D4

Abington Township Drainage Area = 0.13 mi^2 3/24/04

Upstream View





XS – DSR to DSL

Downstream View



Section

EJ2

East Branch - Jenkintown Creek Cheltenham Township Drainage Area = 0.22 mi^2 8/3/04







XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section

EJ4

East Branch - Jenkintown Creek Cheltenham Township Drainage Area = 0.45 mi^2 8/3/04

Upstream View





XS – DSL to DSR

Downstream View



Section G2

Abington Township Drainage Area = 0.11 mi^2 3/4/04







XS – DSR to DSL

Downstream View



Section

G4

Abington Township Drainage Area = 0.22 mi^2 3/4/04

Upstream View





XS – DSL to DSR

Downstream View



Section G6

Cheltenham Township Drainage Area = 0.33 mi^2 3/4/04

Upstream View





XS – DSL to DSR

Downstream View



Section G8

Cheltenham Township Drainage Area = 0.37 mi² 3/4/04





XS – DSL to DSR

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section G10

Cheltenham Township Drainage Area = 0.54 mi^2 3/4/04







XS – DSL to DSR

Downstream View



Section

H2

Rock Creek Cheltenham Township Drainage Area = 0.28 mi^2 3/2/04



XS – DSR to DSL

Downstream View



Section

H4

Rock Creek Cheltenham Township Drainage Area = 0.41 mi² 3/2/04



XS – DSL to DSR

Downstream View

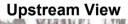




Section

H6

Rock Creek Cheltenham Township Drainage Area = 0.95 mi^2 3/2/04







XS – DSR to DSL

Downstream View



Section

H8

Rock Creek Cheltenham Township Drainage Area = 1.40 mi^2 3/2/04

Upstream View





XS – DSL to DSR

Downstream View



Section

H10

Rock Creek Cheltenham Township Drainage Area = 1.59 mi^2 3/2/04

Upstream View





XS – DSL to DSR

Downstream View



Section

H12

Rock Creek Cheltenham Township Drainage Area = 1.66 mi^2 3/4/04







XS – DSL to DSR

Downstream View



Section

H14 Rock Creek Cheltenham Township Drainage Area = 1.81 mi^2 3/4/04



XS – DSL to DSR

XS – DSL to DSR

Upstream View





Section

12

Baeder Creek Abington Township Drainage Area = 0.20 mi^2 1/12/04

Upstream View





XS – DSL to DSR

Downstream View



Section

14

Baeder Creek Abington Township Drainage Area = 0.55 mi^2 1/12/04

Upstream View





XS – DSR to DSL

Downstream View



Section

I6

Baeder Creek Abington Township Drainage Area = 0.62 mi^2 1/12/04

Upstream View





XS – DSR to DSL

Downstream View



Section

I8

Baeder Creek Abington Township Drainage Area = 1.01 mi^2 1/12/04





XS – DSR to DSL

Downstream View



Section

110

Baeder Creek Abington Township Drainage Area = 1.07 mi^2 1/12/04

Upstream View





XS – DSR to DSL

Downstream View



Section

I12

Baeder Creek Abington Township Drainage Area = 1.40 mi^2 1/13/04

Upstream View





XS – DSR to DSL

Downstream View



Section

J2

Jenkintown Creek Abington Township Drainage Area = 0.26 mi^2 3/24/04

Upstream View





XS – DSL to DSR

Downstream View



Section

J4

Jenkintown Creek Abington Township Drainage Area = 0.40 mi^2 3/24/04





XS – DSR to DSL

Downstream View



Section

J6

Jenkintown Creek Abington Township Drainage Area = 0.49 mi^2 8/3/04







XS – DSL to DSR

Downstream View



Section

J8

Jenkintown Creek Abington Township Drainage Area = 1.03 mi^2 3/24/04

Upstream View





XS – DSR to DSL

Downstream View



Section

J10

Jenkintown Creek Abington Township Drainage Area = 1.14 mi^2 3/31/04

Upstream View





XS – DSL to DSR

Downstream View



Section

J12

Jenkintown Creek Abington Township Drainage Area = 1.21 mi^2 3/31/04



XS – DSR to DSL

Downstream View



Section

J14

Jenkintown Creek Cheltenham Township Drainage Area = 1.49 mi^2 3/31/04

Upstream View





XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section

J16

Jenkintown Creek Cheltenham Township Drainage Area = 1.54 mi^2 3/31/04

Upstream View





XS – DSR to DSL

Downstream View



Section

J18

Jenkintown Creek Cheltenham Township Drainage Area = 1.60 mi^2 4/6/04

Upstream View





XS – DSL to DSR

Downstream View



Section

J20

Jenkintown Creek Cheltenham Township Drainage Area = 1.76 mi^2 4/14/04

Upstream View





XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

> Section K2

West Branch – Baeder Creek Abington Township Drainage Area = 0.25 mi^2 1/12/04



XS – DSL to DSR

XS – DSR to DSL

Upstream View





Section

K4

West Branch – Baeder Creek Abington Township Drainage Area = 0.31 mi^2 1/12/04







XS – DSR to DSL

Downstream View



Section

L2

Cheltenham Township Drainage Area = 0.42 mi^2 1/6/04

Upstream View





XS – DSR to DSL

Downstream View



Section

L4

Cheltenham Township Drainage Area = 0.54 mi^2 1/6/04







XS – DSL to DSR

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section M2

Cheltenham Township Drainage Area = 0.15 mi^2 3/2/04

Upstream View





XS – DSR to DSL

Downstream View



Section M4

Cheltenham Township Drainage Area = 0.27 mi^2 3/2/04



XS – DSR to DSL



XS – DSR to DSL

Upstream View





Section

MR2

Mill Run Cheltenham Township Drainage Area = 1.08 mi^2 4/6/04







XS – DSR to DSL

Downstream View



Section

MR4

Mill Run Cheltenham Township Drainage Area = 1.28 mi^2 4/6/04

Upstream View





XS – DSR to DSL

Downstream View



Section

MR6

Mill Run Cheltenham Township Drainage Area = 1.41 mi^2 4/6/04

Upstream View





XS – DSR to DSL

Downstream View



Section

MR8

Mill Run Cheltenham Township Drainage Area = 1.49 mi^2 4/6/04

Upstream View





XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section

MR10

Mill Run Cheltenham Township Drainage Area = 1.56 mi^2 4/6/04

Upstream View





XS – DSL to DSR

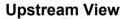
Downstream View



Section

MR12

Mill Run Cheltenham Township Drainage Area = 1.64 mi^2 4/2/04







XS – DSR to DSL





Section

MS2

Main Stem Tacony Creek Cheltenham Township Drainage Area = 0.26 mi^2 12/30/03

Upstream View





XS – DSR to DSL

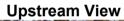
Downstream View



Section

MS4

Main Stem Tacony Creek Cheltenham Township Drainage Area = 0.64 mi^2 12/30/03







XS – DSL to DSR

Downstream View



Section

MS6

Main Stem Tacony Creek Cheltenham Township Drainage Area = 0.68 mi^2 1/6/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS8

Main Stem Tacony Creek Cheltenham Township Drainage Area = 1.06 mi^2 2/25/04

Upstream View





XS – DSR to DSL

Downstream View



Section

MS10

Main Stem Tacony Creek Cheltenham Township Drainage Area = 1.24 mi^2 1/6/04





Downstream View



Section

MS12

Main Stem Tacony Creek Cheltenham Township Drainage Area = 1.36 mi^2 1/6/04

Upstream View





XS – DSR to DSL

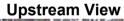
Downstream View



Section

MS14

Main Stem Tacony Creek Cheltenham Township Drainage Area = 2.12 mi² 1/7/04







XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section

MS16

Main Stem Tacony Creek Cheltenham Township Drainage Area = 2.82 mi^2 1/7/04







XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section

MS18

Main Stem Tacony Creek Cheltenham Township Drainage Area = 2.86 mi^2 1/7/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS20

Main Stem Tacony Creek Abington Township Drainage Area = 3.23 mi^2 1/7/04





XS – DSL to DSR

Downstream View



Section MS22

Main Stem Tacony Creek Abington Township Drainage Area = 4.73 mi^2 1/13/04



XS – DSL to DSR



XS – DSL to DSR

Upstream View





Section

MS24

Main Stem Tacony Creek Cheltenham Township Drainage Area = 4.83 mi^2 2/25/04

Upstream View





XS – DSL to DSR

Downstream View



Tacony-Frankford Watershed Stream Study Philadelphia Water Department

Office of Watersheds

Section MS26

Main Stem Tacony Creek Cheltenham Township Drainage Area = 5.22 mi^2 1/14/04



XS – DSL to DSR

XS – DSL to DSR

Upstream View



<image>

Section MS28

Main Stem Tacony Creek Cheltenham Township Drainage Area = 5.42 mi^2 2/25/04



XS – DSR to DSL



XS – DSL to DSR

Upstream View



<image>

Section

MS30

Main Stem Tacony Creek Cheltenham Township Drainage Area = 5.63 mi^2 2/25/04

Upstream View





XS – DSR to DSL

Downstream View

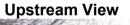


XS = cross section / DSL = Downstream Left / DSR = Downstream Right

Section

MS32

Main Stem Tacony Creek Cheltenham Township Drainage Area = 5.78 mi^2 3/5/04







XS – DSL to DSR

Downstream View



Section

MS34

Main Stem Tacony Creek Cheltenham Township Drainage Area = 7.73 mi² 3/5/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS36

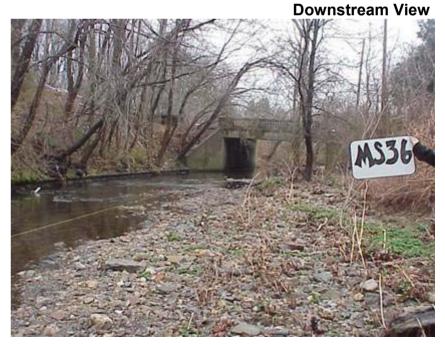
Main Stem Tacony Creek Cheltenham Township Drainage Area = 7.80 mi^2 4/1/04



XS – DSR to DSL

Upstream View





Section

MS38

Main Stem Tacony Creek Cheltenham Township Drainage Area = 8.51 mi^2 4/1/04







XS – DSR to DSL

Downstream View



Section

MS40

Main Stem Tacony Creek Cheltenham Township Drainage Area = 9.33 mi^2 4/1/04







XS – DSR to DSL

Downstream View



Section

MS42

Main Stem Tacony Creek Cheltenham Township Drainage Area = 9.58 mi² 4/1/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS44

Main Stem Tacony Creek Cheltenham Township Drainage Area = 9.80 mi^2 4/1/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS46

Main Stem Tacony Creek Cheltenham Township Drainage Area = 11.52 mi^2 8/3/04

Upstream View





XS – DSR to DSL

Downstream View



Section

MS48

Main Stem Tacony Creek Cheltenham Township Drainage Area = 11.55 mi^2 8/3/04







XS – DSR to DSL

Downstream View



Tacony-Frankford Watershed Stream Study Philadelphia Water Department

Office of Watersheds

Section MS50

Main Stem Tacony Creek Cheltenham Township Drainage Area = 11.55 mi^2 4/2/04





XS – DSR to DSL



XS – DSL to DSR

Upstream View





Tacony-Frankford Watershed Stream Study

Philadelphia Water Department Office of Watersheds

Section MS52

Main Stem Tacony Creek Cheltenham Township Drainage Area = 11.67 mi^2 4/8/04



XS – DSR to DSL



XS – DSL to DSR

Upstream View





Section

MS54

Main Stem Tacony Creek Cheltenham Township Drainage Area = 13.45 mi^2 8/3/04

Upstream View





XS – DSL to DSR

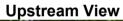
Downstream View



Section

MS56

Main Stem Tacony Creek Cheltenham Township Drainage Area = 13.53 mi^2 8/4/04







XS – DSL to DSR

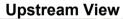
Downstream View



Section

MS58

Main Stem Tacony Creek Cheltenham Township Drainage Area = 14.30 mi^2 4/8/04







XS – DSL to DSR

Downstream View



Section

MS60

Main Stem Tacony Creek Cheltenham Township Drainage Area = 14.93 mi^2 4/23/04





XS – DSR to DSL

Downstream View



Section

MS62

Main Stem Tacony Creek Cheltenham Township Drainage Area = 15.02 mi^2 4/23/04

Upstream View





XS – DSR to DSL

Downstream View



Sections

MS64/MS66/MS68

Main Stem Tacony Creek Cheltenham Township Drainage Area = 15.10 mi^2 4/23/04







XS – DSL to DSR

Downstream View



Section

MS70

Main Stem Tacony Creek Cheltenham Township Drainage Area = 15.19 mi^2 4/23/04







XS – DSL to DSR

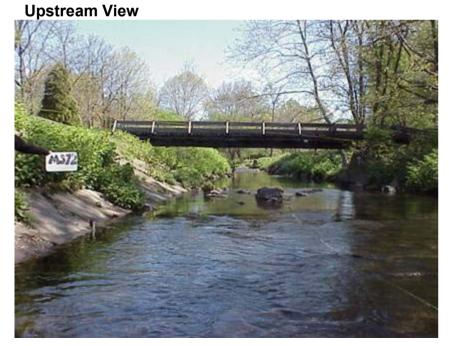
Downstream View



Section

MS72

Main Stem Tacony Creek Cheltenham Township Drainage Area = 15.33 mi^2 4/28/04





XS – DSR to DSL

Downstream View



Section

MS74

Main Stem Tacony Creek Cheltenham Township Drainage Area = 15.93 mi^2 4/28/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS76

Main Stem Tacony Creek Cheltenham Township Drainage Area = 15.99 mi^2 4/28/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS78

Main Stem Tacony Creek Philadelphia County Drainage Area = 16.01 mi² 4/28/04

Upstream View





Sections

MS80/MS82/MS84

Main Stem Tacony Creek Philadelphia County Drainage Area = 16.37 mi^2 4/28/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS86

Main Stem Tacony Creek Philadelphia County Drainage Area = 16.38 mi² 4/29/04

Upstream View





Section

MS88

Main Stem Tacony Creek Philadelphia County Drainage Area = 16.55 mi^2 4/29/04

Upstream View





XS – DSR to DSL

Downstream View



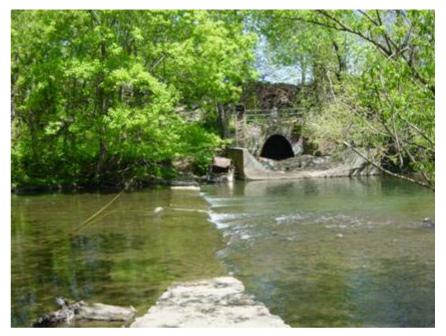
Sections

MS94/MS96/MS98

Main Stem Tacony Creek Philadelphia County Drainage Area = 17.38 mi^2 4/29/04







XS – DSR to DSL

Downstream View



XS = cross section / DSL = Downstream Left / DSR = Downstream Right

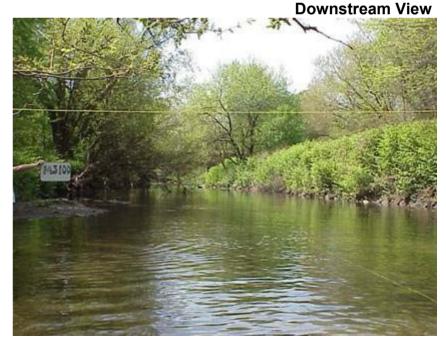
Section

MS100

Main Stem Tacony Creek Philadelphia County Drainage Area = 17.40 mi^2 4/30/04

Upstream View





Section

MS102

Main Stem Tacony Creek Philadelphia County Drainage Area = 17.46 mi^2 4/30/04



XS – DSR to DSL

Downstream View



Section

MS104

Main Stem Tacony Creek Philadelphia County Drainage Area = 20.59 mi^2 5/5/04

Upstream View





XS – DSR to DSL

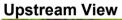
Downstream View



Section

MS106

Main Stem Tacony Creek Philadelphia County Drainage Area = 20.82 mi^2 5/5/04







XS – DSR to DSL

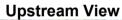
Downstream View



Section

MS108

Main Stem Tacony Creek Philadelphia County Drainage Area = 20.99 mi^2 5/6/04







XS – DSL to DSR

Downstream View



Section

MS110

Main Stem Tacony Creek Philadelphia County Drainage Area = 21.12 mi^2 5/6/04







XS – DSL to DSR

Downstream View



Section

MS112

Main Stem Tacony Creek Philadelphia County Drainage Area = 21.16 mi² 5/6/04

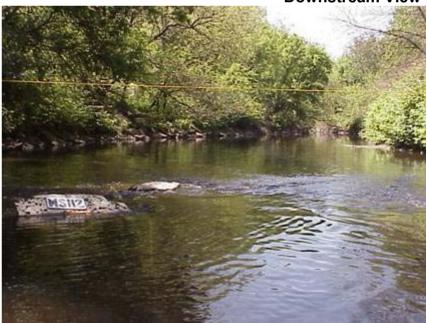






XS – DSL to DSR

Downstream View



Section

MS114

Main Stem Tacony Creek Philadelphia County Drainage Area = 30.06 mi^2 5/6/04

Upstream View





XS – DSL to DSR

Downstream View



Section

MS120

Main Stem Tacony Creek Philadelphia County Drainage Area = 30.07 mi^2 5/6/04

Upstream View





XS – DSL to DSR

Downstream View



Section N2

Cheltenham Township Drainage Area = 0.18 mi^2 4/23/04

Upstream View





XS – DSL to DSR

Downstream View



APPENDIX B - QUALITATIVE STREAM SURVEY SUMMARY Data

Stream Classification, Modified Level I and II

Geomorphic and Morphological Description

Croce	Section	Data
01033	Section	υαια

ross Section Da	ta																		
XS Reach No	XS Drain Basin	S1 Outfalls	S2 Culverts	S3 Channelization	S4 Infrastructure Pts	S5 Shear Stress	Channel Type	S6 Channel Type	Channel Type Secondary	S7 Bed Stability	% Silt/Clay	% Sand	% Gravel	% Cobble	% Boulder	% Bedrock	S8 D50	S9 Bank Erosion	S10 Entrenchment Ratio
40	•	Outfall Area (ft^2)	% Culverted	% Channelized 27.9	(pts/reach) 4	4.4.4	B3c	В	2.	Descriptions	0	20	20	40	20	0	Cobble	Mad	1.83
A2 B2	A Burholme	<u>11.0</u> 22.8	23.1 2.2	21.6	4	<u>1.14</u> 0.80	C4	C C	3c	Degrading Indeter	20	20	20	50	20	0	Cobble	Mod Low	2.77
B2 B4	Burholme	0.0	18.3	3.2	2	1.34	E4	E	4		20 15	30	20	55	2	0	Cobble	Mod	3.27
B4 B6	Burholme	9.8	11.2	0.0	2	1.41	E4 F3	E	4	Degrading Indeter	0	30 10	15	25	25	25	Cobble	Mod	1.13
B8	Burholme	9.8 0.0	37.8	6.6	2	1.41	C4	F	3	Indeter	0	40	20	25	15	25	Gravel	Mod	2.19
B10	Burholme	1.8	9.8	0.0	0	1.19	F4	E	4	Indeter	0	40 15	20 40	25 35	10	0	Gravel	High	1.27
C2	C	9.3	2.7	5.4	1	0.71	B4c	B	4c	Aggrading	0	60	30	10	0	0	Sand	High	1.71
D2	D	7.9	5.6	0.0	1	0.88	F4b	F	4b	Aggrading	5	20	40	35	0	0	Gravel	Mod	1.12
D4	D	0.0	9.9	0.0	1	1.30	F4b	F	4b	Indeter	2	21	40	35	2	0	Gravel	High	1.17
EJ2	East Branch Jenkintown	11.8	0.3	10.4	6	0.60	C4c-	C	4c-	Aggrading	0	40	60	0	0	0	Gravel	High	2.32
EJ4	East Branch Jenkintown	0.0	64.0	0.0	2	0.73	E4	Ē	40	Indeter	0	15	60	25	0	0	Gravel	High	6.30
G2	G	12.3	0.0	0.0	1	0.92	G4c	G	4c	Degrading	0	30	70	0	0	0	Gravel	High	1.56
G4	G	17.3	54.6	28.0	2	1.16	F3	F	3	Indeter	0	25	10	60	5	0	Cobble	Mod	1.18
G6	G	14.1	0.0	0.0	4	1.38	F3b	F	3b	Indeter	0	5	30	60	5	0	Cobble	Low	1.33
G8	G	10.5	5.2	34.9	2	1.04	B4c	B	4c	Indeter	0	30	60	10	0	0	Gravel	High	1.85
G10	G	17.5	26.5	46.9	1	1.34	B4c	В	4c	Indeter	0	25	50	25	0	0	Gravel	Low	2.05
H2	Rock	19.6	0.0	0.0	0	1.08	G4c	G	40	Degrading	0	30	60	10	0	0	Gravel	High	1.61
H4	Rock	10.2	16.3	2.6	3	1.20	C4	C	4	Degrading	0	30	50	20	0	0	Gravel	Mod	3.45
H6	Rock	22.4	14.4	0.0	10	1.14	B4c	B	4c	Indeter	0	10	40	50	0	0	Gravel	Mod	1.50
H8	Rock	6.3	0.0	0.8	4	1.31	B3c	B	3c	Degrading	0	10	20	20	20	30	Cobble	Low	1.43
H10	Rock	41.6	7.5	7.3	6	1.35	F3	F	3	Indeter	0	20	30	40	10	0	Gravel	High	1.24
H12	Rock	10.2	5.1	29.8	4	1.77	B3c	B	3c	Indeter	0	25	5	50	20	0	Cobble	Low	1.74
H14	Rock	22.8	43.8	13.6	0	1.13	G	G		Indeter	0	0	0	0	0	0	Bedrock	Low	1.21
12	Baeder	57.2	6.5	70.8	7	0.86	F3	F	3	Indeter	10	0	40	0	50	0	Gravel	Low	1.35
14	Baeder	7.9	9.9	9.5	2	1.53	C4	C	4	Degrading	0	10	40	50	0	0	Cobble	Low	3.93
16	Baeder	1.8	4.7	0.0	2	1.31	F4	F	4	Aggrading	0	15	60	25	0	0	Gravel	High	1.13
18	Baeder	0.0	28.4	0.0	1	1.69	F3	F	3	Indeter	0	0	20	65	15	0	Cobble	Mod	1.34
110	Baeder	13.4	13.5	85.9	2	1.02	C4	С	4	Indeter	0	20	40	30	10	0	Gravel	Low	2.28
112	Baeder	20.4	41.3	24.5	0	0.41	B4c	В	4c	Aggrading	0	40	60	0	0	0	Gravel	High	1.69
J2	Jenkintown	17.1	3.2	16.0	5	0.95	E4	E	4	Degrading	5	30	25	40	0	0	Gravel	High	2.55
J4	Jenkintown	0.0	0.0	29.5	2	1.12	G4c	G	4c	Indeter	5	35	35	20	0	5	Gravel	Low	1.44
J6	Jenkintown	28.6	21.9	68.2	2	0.92	E4	Е	4	Indeter	0	20	50	30	0	0	Gravel	Low	2.14
J8	Jenkintown	17.3	0.0	0.0	2	0.97	B4c	В	4c	Indeter	10	25	45	20	0	0	Gravel	Mod	1.46
J10	Jenkintown	13.2	11.9	32.8	3	1.84	B3c	В	3c	Degrading	0	0	20	10	60	10	Boulder	High	1.71
J12	Jenkintown	8.1	9.8	28.8	2	1.64	G3c	G	3c	Indeter	0	40	10	30	20	0	Gravel	Mod	1.39
J14	Jenkintown	10.2	0.0	0.0	1	1.56	C3	С	3	Indeter	20	15	0	60	5	0	Cobble	Mod	2.29
J16	Jenkintown	4.4	8.4	0.0	1	1.59	C3	С	3	Indeter	20	10	0	70	0	0	Cobble	Mod	2.42
J18	Jenkintown	2.0	0.0	0.0	4	1.04	F4	F	4	Aggrading	35	20	10	35	0	0	Sand	High	1.24
J20	Jenkintown	3.1	6.4	12.9	2	1.13	B4c	В	4c	Aggrading	0	20	50	15	15	0	Gravel	Mod	2.02
K2	West Branch Baeder	13.4	16.3	56.7	1	0.85	C4	С	4	Indeter	0	30	60	10	0	0	Gravel	Mod	3.54
K4	West Branch Baeder	0.0	7.7	0.0	3	0.60	B4c	В	4c	Aggrading	0	10	60	30	0	0	Gravel	High	1.50
L2	L	7.1	8.2	3.7	0	0.96	C3	С	3	Indeter	0	0	10	30	60	0	Boulder	Low	2.68
L4	L	5.3	10.0	27.6	2	1.09	F3	F	3	Degrading	0	0	5	20	70	5	Boulder	High	1.15
M2	М	15.7	6.9	0.0	2	1.39	B3	В	3	Indeter	0	10	20	70	0	0	Cobble	Mod	1.58
M4	М	4.9	7.8	1.4	0	1.63	F3b	F	3b	Indeter	0	10	30	50	10	0	Cobble	Mod	1.13
MR2	Mill Run	129.7	12.0	54.3	0	0.73	G3c	G	3c	Indeter	0	0	10	60	30	0	Cobble	Mod	1.35
MR4	Mill Run	8.1	6.1	24.9	2	0.70	F4	F	4	Indeter	0	25	45	30	0	0	Gravel	Mod	1.21
MR6	Mill Run	11.0	0.0	44.3	0	0.95	F4	F	4	Indeter	10	10	40	30	10	0	Gravel	Mod	1.14
MR8	Mill Run	8.7	0.0	22.4	3	0.92	F4	F	4	Indeter	0	5	15	75	5	0	Cobble	Low	1.28
MR10	Mill Run	6.3	6.2	25.0	3	1.07	B4c	В	4c	Indeter	0	10	70	20	0	0	Gravel	High	1.89
MR12	Mill Run	12.0	5.8	25.2	0	1.73	G3c	G	3c	Indeter	0	0	20	20	40	20	Boulder	-	1.36

Tacony Creek, Philadelphia, PA Fluvial Geomorphologic Survey

		S1	S2	S3	S4	S5		S6		S7							S8	S9	S10
XS Reach No	XS Drain Basin	Outfalls Outfall Area (ft^2)	Culverts % Culverted	Channelization % Channelized	Infrastructure Pts (pts/reach)	Shear Stress	Channel Type	Channel Type	Channel Type Secondary	Bed Stability	% Silt/Clay	% Sand	% Gravel	% Cobble	% Boulder	% Bedrock	D50	Bank Erosion	Entrenchment Ratio
MS2	Tacony	10.2	0.0	0.0	1	1.10	F3	F	3	Degrading	0	10	35	50	5	0	Cobble	High	1.12
MS4	Tacony	0.0	19.2	0.0	1	1.31	C4	С	4	Degrading	0	20	30	50	0	0	Gravel	High	5.14
MS6	Tacony	0.0	2.6	7.7	3	1.15	F4	F	4	Degrading	30	10	10	40	10	0	Gravel	High	1.10
MS8	Tacony	16.5	7.5	0.0	3	1.40	B4c	В	4c	Indeter	0	20	30	35	10	5	Cobble	Low	2.02
MS10	Tacony	4.2	0.0	0.0	0	1.20	B3c	В	3c	Degrading	0	0	10	70	20	0	Cobble	Mod	1.97
MS12	Tacony	25.0	10.4	49.0	3	1.15	E	E		Indeter	0	0	0	0	0	0	Bedrock	Low	4.96
MS14	Tacony	20.4	27.8	47.0	0	0.94	F4	F	4	Aggrading	0	20	70	10	0	0	Gravel	Mod	1.23
MS16	Tacony	97.1	0.0	37.9	0	0.81	B4c	В	4c	Aggrading	0	15	40	40	0	5	Gravel	Mod	1.41
MS18	Tacony	11.6	31.9	0.0	3	0.71	B4c	В	4c	Indeter	0	10	70	20	0	0	Gravel	Mod	2.10
MS20	Tacony	0.0	0.0	0.0	0	0.79	C4	С	4	Indeter	0	20	50	10	20	0	Gravel	Mod	2.38
MS22	Tacony	0.0	0.0	2.5	3	0.79	C4	C	4	Indeter	0	20	40	40	0	0	Gravel	Low	3.00
MS24	Tacony	27.5	0.0	27.7	3	0.80	B4c	В	4c	Indeter	0	50	35	10	5	0	Sand	Mod	2.12
MS26	Tacony	27.5	0.0	22.3	7	1.11	G4c	G	4c	Indeter	0	35	20	40	5	0	Gravel	High	1.33
MS28	Tacony	9.3	0.0	20.8	7	1.27	G3c	G	3c	Indeter	0	10	30	40	20	0	Cobble	High	1.28
MS30	Tacony	15.1	3.2	9.2	3	0.54	F4	F	4	Aggrading	0	25	60	15	0	0	Gravel	High	1.35
MS32	Tacony	3.1	13.1	25.5	3 3	1.21	B5c	B	5c	Indeter	0	60	10	0	0	30	Sand	High	1.43
MS34	Tacony	11.0	0.0	0.0	0	1.41	F4	F	4	Indeter	0	20	40	20	0	20	Gravel	Mod	1.26
MS36	Tacony	10.6	0.0	13.5	6	0.93	F4	F	4	Indeter	0	50	30	15	5	0	Sand	Low	1.20
MS38	Tacony	48.3	1.1	8.6	12	0.84	B4c	B	40	Aggrading	0	50	30	20	0	0	Sand	Low	1.69
MS40	Tacony	22.8	2.6	18.2	2	0.80	F4	Б Е	40	Indeter	0	15	35	30	10	10	Gravel	High	1.09
MS40 MS42		14.1	0.0	7.4	2	0.58	F4 F4	F	4	Indeter	0	75	5	20	0	0	Sand	High	1.21
MS42 MS44	Tacony Tacony	14.1	12.2	14.9	4	0.62	C4	г С	4	Aggrading	0	75	10	20 10	5	0	Sand	Low	2.35
MS44 MS46		7.1	0.0	28.7	1	0.62	B4c	В	4 4c	00 0	0	15	50	25	5 10	0		Mod	1.79
	Tacony	7.1			2		F4	Б Г	40	Degrading	0	25	50 75	25	0	0	Gravel		
MS48	Tacony		0.0	0.0	2	0.57		г г	4	Aggrading	0	25 0		-	-	-	Gravel	High	1.20
MS50	Tacony	3.1	0.0	44.7	0	0.66	F3	Б	3	Indeter	0	0 10	30 15	30	30	10 0	Cobble	High	1.08
MS52	Tacony	7.1	0.0	28.4	2	0.54	B3c	_	3c	Indeter	•			60	15	•	Cobble	High	2.14
MS54	Tacony	0.0	0.0	22.0	0	0.46	B4c	В	4c	Aggrading	0	0	60	40	0	0	Gravel	High	1.56
MS56	Tacony	14.9	0.0	8.6	0	0.78	F3	F _	3	Indeter	0	0	20	30	50	0	Cobble	Mod	1.29
MS58	Tacony	19.6	0.0	23.6	5	0.67	F3	F	3	Aggrading	0	15	5	30	50	0	Cobble	Mod	1.11
MS60	Tacony	14.1	0.0	15.6	4	0.67	F4	F	4	Indeter	0	15	30	50	5	0	Cobble	High	1.32
MS62	Tacony	7.1	0.0	0.0	2	0.63	F3	F	3	Indeter	0	30	0	50	15	5	Cobble	High	1.36
MS64	Tacony	10.8	0.0	14.8	2	0.56	B4c	В	4c	Indeter	0	50	20	15	15	0	Sand	Mod	1.67
MS70	Tacony	3.1	0.0	45.7	1	0.77	B3c	В	3c	Aggrading	0	10	10	80	0	0	Cobble	Mod	1.88
MS72	Tacony	0.0	0.0	0.0	6	0.64	B4c	В	4c	Aggrading	0	20	45	25	10	0	Gravel	Mod	1.48
MS74	Tacony	0.0	0.0	0.0	0	0.45	F4	F	4	Indeter	0	35	25	30	10	0	Sand	High	1.03
MS76	Tacony	0.0	0.0	0.0	0	0.43	F4	F	4	Indeter	0	35	35	25	5	0	Sand	High	1.13
MS78	Tacony	0.0	0.0	0.0	1	0.36	C4	С	4	Indeter	0	40	40	15	5	0	Sand	Mod	4.07
MS80	Tacony	16.6	5.1	0.0	4	0.39	C5	С	5	Aggrading	0	90	10	0	0	0	Sand	Low	3.75
MS86	Tacony	4.9	0.0	16.1	0	0.46	C4	С	4	Aggrading	0	20	35	35	10	0	Gravel	Mod	3.01
MS88	Tacony	165.7	13.8	14.6	1	0.42	C4	С	4	Indeter	0	20	35	35	10	0	Gravel	Mod	2.38
MS94	Tacony	67.0	6.9	0.0	7	0.39	F4	F	4	Indeter	0	40	15	40	5	0	Gravel	Mod	1.10
MS100	Tacony	9.4	0.0	0.0	3	0.57	F4	F	4	Aggrading	10	40	40	10	0	0	Gravel	High	1.20
MS102	Tacony	138.2	18.5	0.0	1	0.42	F4	F	4	Aggrading	25	40	0	20	15	0	Sand	High	1.25
MS104	Tacony	24.5	0.0	1.0	4	0.55	C3	С	3	Degrading	0	0	25	50	25	0	Cobble	High	2.41
MS106	Tacony	0.0	0.0	9.3	2	0.83	C3	С	3	Indeter	0	0	35	35	30	0	Cobble	High	2.59
MS108	Tacony	0.0	0.0	0.0	0	0.67	B3c	В	3c	Degrading	0	30	20	10	40	0	Gravel	High	1.79
MS110	Tacony	3.1	5.5	0.0	0	0.58	F4	F	4	Indeter	10	40	40	10	0	0	Gravel	High	1.39
MS112	Tacony	0.0	0.0	0.0	1	0.54	F4	F	4	Degrading	0	40	20	30	10	0	Gravel	High	1.34
MS114	Tacony	650.0	0.0	0.0	1	0.72	F3	F	3	Indeter	0 0	25	25	25	25	0	Gravel	High	1.14
MS120	Tacony	41.1	5.9	54.8	2	1.13	F3	F	3	Degrading	0 0	0	0	5	95	0	Boulder	High	1.37
N2	N	7.1	3.7	0.0	4	1.18	C4b	C	4b	Indeter	10	10	15	65	0	0	Cobble	Low	2.81

Stream Classification, Modified Level I and II Geomorphic and Morphological Description

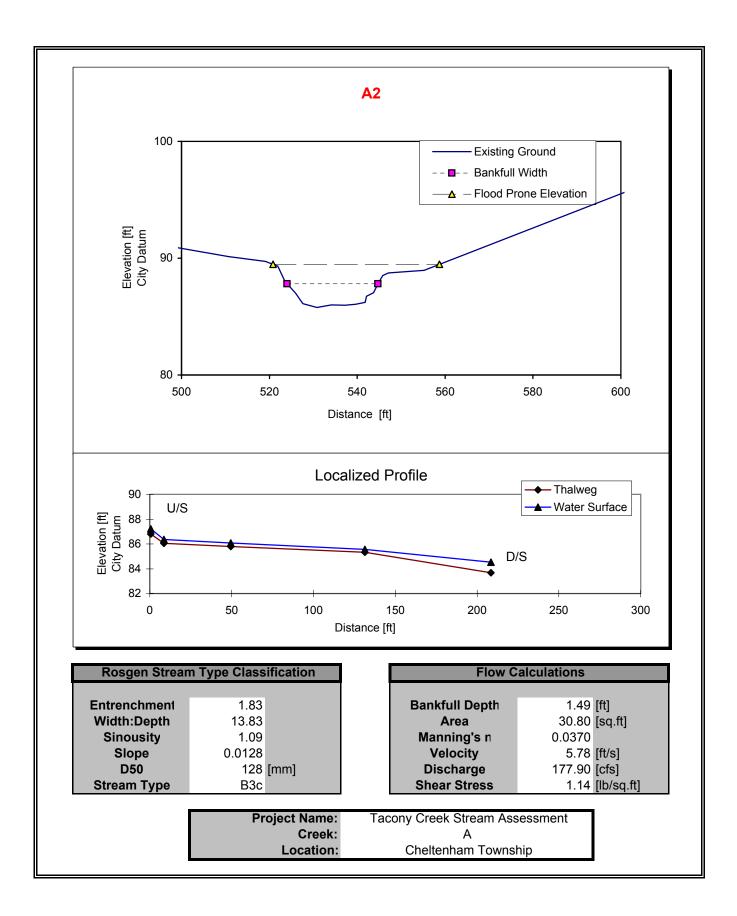
Cross Section Data

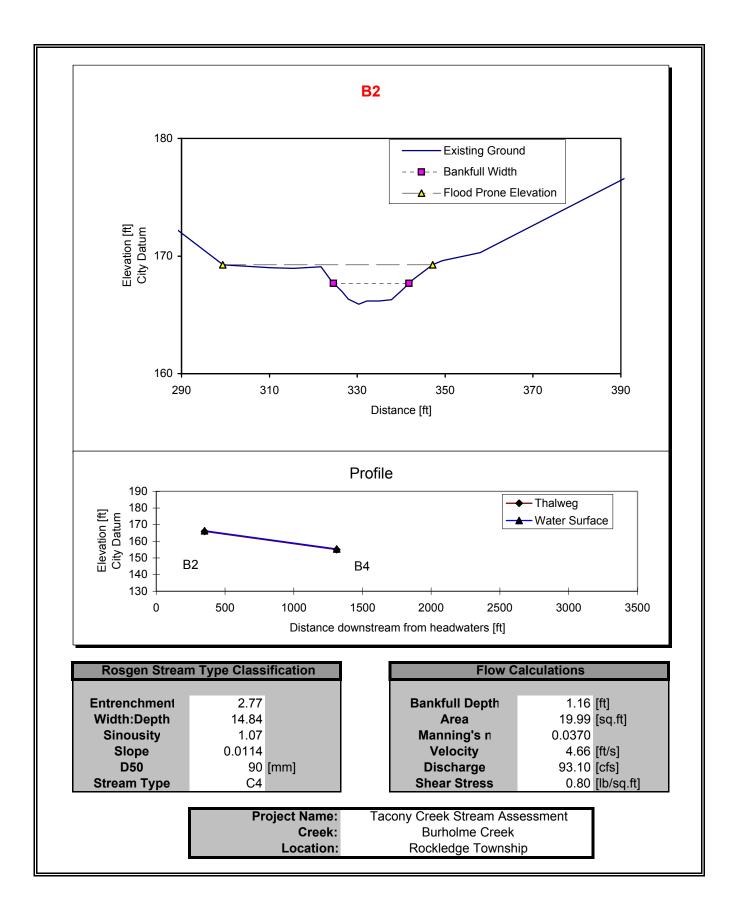
Cross Section Dat	ld		14				10		H3	H4	UE	H6	H7	H8		
XS Reach No	XS Drain Basin	DSR Rip Width	11 DSL Rip Width	Original Tree Comp	New Name Tree Comp	۲ DSR Tree Composition	I2 DSL Tree Composition		DSL Canopy	D50	H5 Sed Supply	Sinuosity	חי Woody Debris	ہ Chan Attach Sites	SWD / LWD	Ref Reach Potential
	No Brain Baoin	Borring Maan	Boz nip main	onginar rice comp				Dent canopy	Der eunopy	200	oou ouppij	onnaoony	needy Debne		0110 / 2110	
A2	А	25-100	10-25	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	21-40	Cobble	Mod	1.09	Mod	25-75	SWD	Ν
B2	Burholme	25-100	10-25	Herbaceous		Yards/Lawn/Pasture	Vines/Herbaceous/Shrubs	0-20	0-20	Cobble	High	1.07	Mod	25-75	SWD	Ν
B4	Burholme	10-25	<10	Herbaceous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Cobble	Mod	1.07	Few	<25	SWD	Ν
B6	Burholme	>100	>100	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Cobble	Mod	1.15	Few	25-75	SWD	Ν
B8	Burholme	<10	<10	Herbaceous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Gravel	High	1.01	Mod	<25	SWD	N
B10	Burholme	25-100	10-25	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	41-60	41-60	Gravel	High	1.06	Mod	<25	SWD	N
C2	C	25-100	10-25	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	0-20	Sand	High	1.10	Absent	25-75	SWD	N
D2	D	10-25	10-25	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Gravel	High	1.06	Few	25-75	SWD	Ν
D4	D	>100	25-100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	81-100	81-100	Gravel	Mod	1.18	Few	<25	SWD	N
EJ2	East Branch Jenkintown	>100	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	81-100	81-100	Gravel	High	1.09	Few	<25	SWD	N
EJ4	East Branch Jenkintown	>100	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	81-100	81-100	Gravel	Mod	1.05	Few	<25	SWD	N
G2	G	<10	<10	Yards/Lawn	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Gravel	Low	1.18	Absent	<25	SWD	Ν
G4	G	25-100	<10	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	0-20	Cobble	High	1.04	Few	25-75	SWD	Ν
G6	G	10-25	25-100	Deciduous		Vines/Herbaceous/Shrubs	Modified/Mixed/Broken Forest	61-80	41-60	Cobble	Mod	1.05	Absent	25-75	SWD	Ν
G8	G	>100	>100	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	41-60	Gravel	High	1.06	Absent	25-75	SWD	Ν
G10	G	10-25	<10	Herbaceous		Vines/Herbaceous/Shrubs	Yards/Lawn/Pasture	0-20	41-60	Gravel	Mod	1.03	Absent	<25	SWD	Ν
H2	Rock	>100	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Gravel	High	1.02	Few	<25	SWD	Ν
H4	Rock	25-100	<10	Deciduous		Modified/Mixed/Broken Forest	Yards/Lawn/Pasture	61-80	0-20	Gravel	Mod	1.05	Absent	<25	SWD	Ν
H6	Rock	>100	25-100	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	0-20	Gravel	Low	1.13	Few	<25	LWD	Ν
H8	Rock	25-100	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	21-40	Cobble	Low	1.07	Frequent	<25	SWD	Ν
H10	Rock	<10	>100	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	0-20	Gravel	Mod	1.05	Few	25-75	LWD	Ν
H12	Rock	10-25	<10	Deciduous		Modified/Mixed/Broken Forest	Vines/Herbaceous/Shrubs	21-40	0-20	Cobble	Mod	1.20	Absent	25-75	SWD	Ν
H14	Rock	<10	<10	Deciduous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	21-40	21-40	Bedrock	Low	1.01	Absent	<25	SWD	Ν
12	Baeder	<10	<10	Herbaceous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	61-80	61-80	Gravel	Low	1.07	Few	25-75	SWD	Ν
14	Baeder	<10	<10	Deciduous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	21-40	21-40	Cobble	Low	1.04	Absent	<25	SWD	Ν
16	Baeder	>100	>100	Trees&Shrubs	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	61-80	61-80	Gravel	High	1.12	Few	<25	LWD	N
18	Baeder	>100	>100	Deciduous	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	0-20	0-20	Cobble	Mod	1.05	Few	25-75	LWD	N
110	Baeder	<10	<10	Deciduous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Gravel	Low	1.03	Absent	25-75	SWD	N
112	Baeder	10-25	25-100	Deciduous		Yards/Lawn/Pasture	Modified/Mixed/Broken Forest	21-40	21-40	Gravel	High	1.08	Few	<25	LWD	N
J2	Jenkintown	25-100	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	21-40	Gravel	Low	1.22	Few	25-75	SWD	N
J4	Jenkintown	<10	>100	Herbaceous		Modified/Mixed/Broken Forest	Yards/Lawn/Pasture	0-20	0-20	Gravel	High	1.08	Few	<25	SWD	N
J6	Jenkintown	<10	<10	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	21-40	Gravel	Low	1.17	Few	<25	SWD	N
.18	Jenkintown	<10	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	41-60	Gravel	Mod	1.15	Mod	<25	LWD	N
J10	Jenkintown	25-100	25-100	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	21-40	Boulder	Mod	1.03	Few	25-75	SWD	N
J12	Jenkintown	10-25	25-100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	21-40	Gravel	High	1.11	Few	<25	SWD	N
J14	Jenkintown	10-25	>100	Herbaceous	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	21-40	21-40	Cobble	Low	1.24	Few	<25	SWD	N
J16	Jenkintown	<10	25-100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	41-60	Cobble	Mod	1.02	Few	<25	SWD	N
J18	Jenkintown	10-25	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	21-40	Sand	High	1.12	Few	<25	SWD	N
J20	Jenkintown	<10	10-25	Herbaceous	Modified/Mixed/Diokerr Forest	Yards/Lawn/Pasture	Modified/Mixed/Broken Forest	21-40	41-60	Gravel	High	1.12	Few	<25	SWD	N
K2	West Branch Baeder	<10	>100	Deciduous		Yards/Lawn/Pasture	Modified/Mixed/Broken Forest	41-60	41-60	Gravel	Mod	1.03	Few	<25	LWD	N
K4	West Branch Baeder	>100	10-25	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	21-40	Gravel	Mod	1.03	Few	25-75	SWD	N
L2		<10	<10			Yards/Lawn/Pasture	Yards/Lawn/Pasture	41-60	41-60	Boulder		1.02	Absent	<25	SWD	N
L2 L4	L	10-25	<10 <10	I Deciduous & Evergreen Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Boulder	Low	1.12	Absent	25-75	SWD	N
	L										Mod				-	
M2	M	25-100	<10 10.25	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	61-80	0-20	Cobble	Low	1.27	Absent	25-75	SWD	N
M4		10-25	10-25	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	61-80	Cobble	Low	1.02	Mod	25-75	SWD	N
MR2	Mill Run	<10	<10	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	41-60	Cobble	Low	1.02	Few	<25	SWD	N
MR4	Mill Run	25-100	10-25	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	0-20	Gravel	High	1.01	Few	<25	SWD	N
MR6	Mill Run	<10	25-100	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	0-20	Gravel	High	1.04	Mod	<25	SWD	N
MR8	Mill Run	25-100	25-100	Herbaceous		Yards/Lawn/Pasture	Vines/Herbaceous/Shrubs	0-20	0-20	Cobble	Mod	1.08	Few	<25	SWD	Ν
MR10	Mill Run	10-25	25-100	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	21-40	Gravel	Mod	1.08	Few	<25	SWD	Ν
MR12	Mill Run	<10	<10	Herbaceous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Boulder	High	1.02	Absent	<25	SWD	Ν

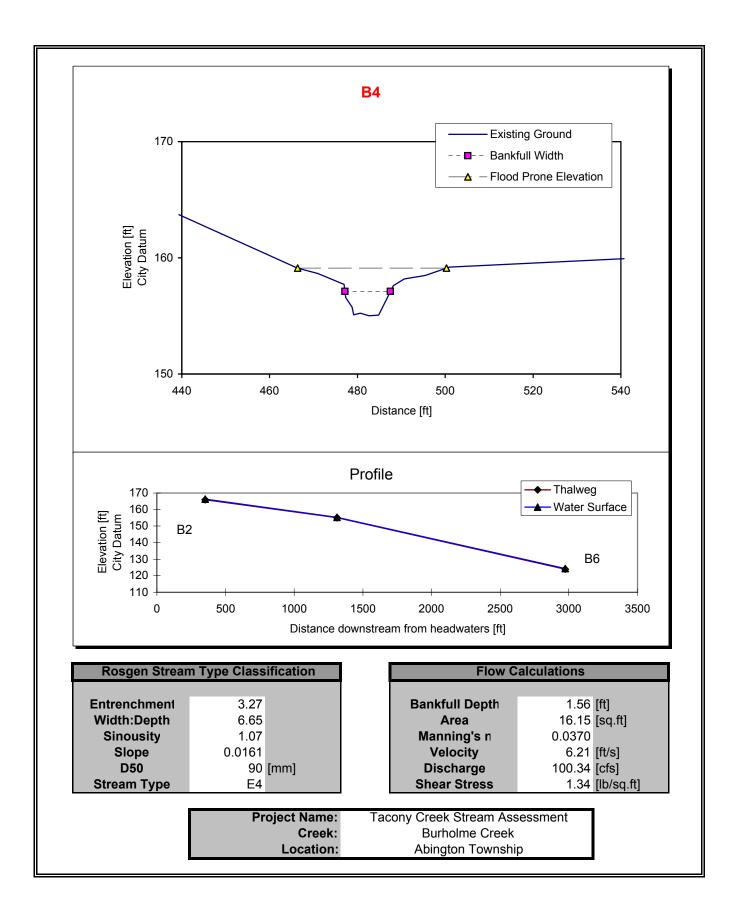
Tacony Creek, Philadelphia, PA Fluvial Geomorphologic Survey

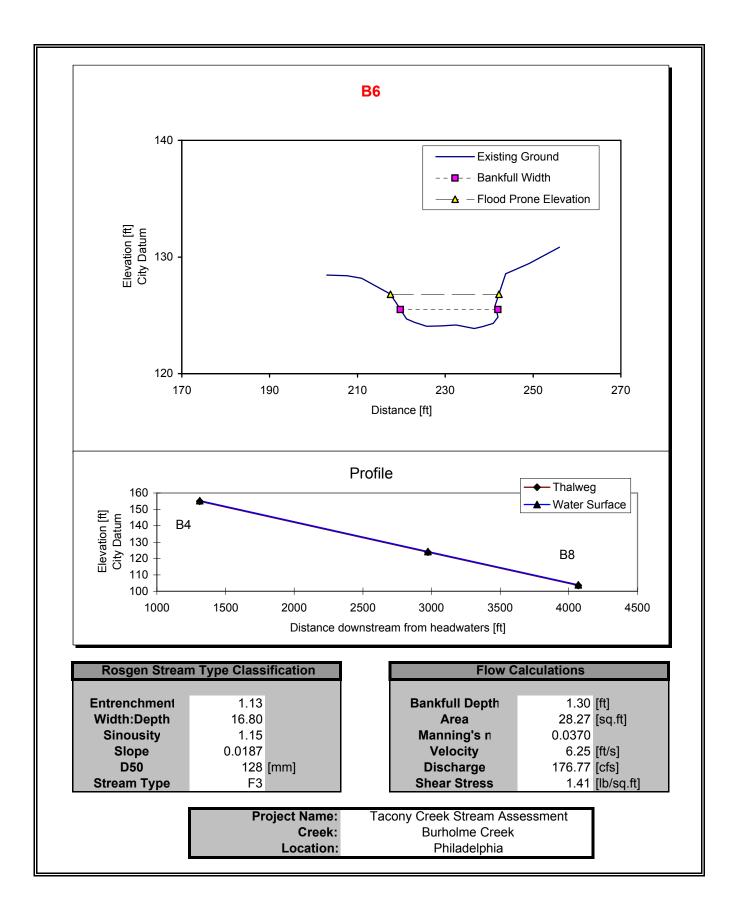
		Н	1			F	12	ŀ	13	H4	H5	H6	H7	H8		
XS Reach No	XS Drain Basin	DSR Rip Width	DSL Rip Width	Original Tree Comp	New Name Tree Comp	DSR Tree Composition	DSL Tree Composition	DSR Canopy	DSL Canopy	D50	Sed Supply	Sinuosity	Woody Debris	Chan Attach Sites	SWD / LWD	Ref Reach Potential
MS2	Tacony	25-100	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Cobble	High	1.24	Few	<25	LWD	N
MS4	Tacony	>100	25-100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Gravel	Mod	1.13	Few	<25	SWD	Ν
MS6	Tacony	>100	>100	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	41-60	41-60	Gravel	High	1.09	Mod	<25	LWD	Ν
MS8	Tacony	10-25	<10	I Deciduous & Evergreen	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	0-20	Cobble	Mod	1.03	Few	<25	SWD	Ν
MS10	Tacony	10-25	25-100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	41-60	41-60	Cobble	Mod	1.03	Few	<25	LWD	Ν
MS12	Tacony	10-25	<10	Deciduous		Vines/Herbaceous/Shrubs	Yards/Lawn/Pasture	41-60	41-60	Bedrock	Low	1.01	Absent	<25	SWD	Ν
MS14	Tacony	<10	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Gravel	Mod	1.02	Absent	25-75	SWD	Ν
MS16	Tacony	25-100	<10	Deciduous		Modified/Mixed/Broken Forest	Yards/Lawn/Pasture	21-40	21-40	Gravel	High	1.02	Absent	<25	SWD	Ν
MS18	Tacony	>100	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	21-40	Gravel	Mod	1.06	Absent	<25	SWD	Ν
MS20	Tacony	10-25	<10	Vines	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	0-20	Gravel	Mod	1.06	Absent	<25	SWD	Ν
MS22	Tacony	<10	<10	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	0-20	Gravel	Low	1.09	Absent	<25	SWD	Ν
MS24	Tacony	<10	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	21-40	Sand	Mod	1.05	Few	<25	LWD	Ν
MS26	Tacony	<10	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	0-20	Gravel	Mod	1.06	Few	<25	SWD	Ν
MS28	Tacony	10-25	<10	Deciduous		Vines/Herbaceous/Shrubs	Yards/Lawn/Pasture	61-80	0-20	Cobble	Low	1.00	Absent	<25	SWD	Ν
MS30	Tacony	>100	10-25	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	61-80	Gravel	Mod	1.13	Few	<25	SWD	Ν
MS32	Tacony	<10	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	41-60	61-80	Sand	High	1.01	Absent	<25	SWD	Ν
MS34	Tacony	25-100	10-25	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	61-80	21-40	Gravel	Low	1.04	Absent	<25	SWD	Ν
MS36	Tacony	10-25	10-25	Deciduous		Vines/Herbaceous/Shrubs	Modified/Mixed/Broken Forest	0-20	41-60	Sand	High	1.38	Absent	<25	SWD	Ν
MS38	Tacony	<10	<10	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	21-40	Sand	High	1.27	Few	<25	LWD	Ν
MS40	Tacony	<10	<10	Deciduous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	21-40	Gravel	Mod	1.17	Few	<25	SWD	Ν
MS42	Tacony	25-100	<10	Deciduous		Vines/Herbaceous/Shrubs	Modified/Mixed/Broken Forest	0-20	0-20	Sand	High	1.33	Few	<25	LWD	Ν
MS44	Tacony	<10	<10	Deciduous		Vines/Herbaceous/Shrubs	Modified/Mixed/Broken Forest	0-20	21-40	Sand	High	1.32	Absent	<25	SWD	Ν
MS46	Tacony	<10	<10	Yards/Lawn	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Gravel	Mod	1.00	Absent	<25	SWD	Ν
MS48	Tacony	<10	>100	Deciduous		Modified/Mixed/Broken Forest	Yards/Lawn/Pasture	0-20	0-20	Gravel	High	1.07	Absent	<25	SWD	Ν
MS50	Tacony	<10	25-100	Deciduous		Yards/Lawn/Pasture	Modified/Mixed/Broken Forest	0-20	41-60	Cobble	Mod	1.01	Absent	<25	SWD	Ν
MS52	Tacony	10-25	<10	Herbaceous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	21-40	0-20	Cobble	Mod	1.03	Few	<25	SWD	Ν
MS54	Tacony	>100	10-25	Deciduous		Modified/Mixed/Broken Forest	Yards/Lawn/Pasture	21-40	21-40	Gravel	High	1.11	Few	<25	SWD	Ν
MS56	Tacony	>100	<10	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	41-60	0-20	Cobble	Low	1.08	Few	<25	SWD	Ν
MS58	Tacony	25-100	<10	Herbaceous		Vines/Herbaceous/Shrubs	Modified/Mixed/Broken Forest	41-60	41-60	Cobble	Mod	1.07	Few	25-75	SWD	Ν
MS60	Tacony	10-25	10-25	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	41-60	41-60	Cobble	Mod	1.23	Few	<25	SWD	Ν
MS62	Tacony	10-25	>100	Deciduous	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	41-60	21-40	Cobble	Mod	1.01	Mod	<25	SWD	Ν
MS64	Tacony	10-25	<10	Deciduous		Yards/Lawn/Pasture	Modified/Mixed/Broken Forest	21-40	21-40	Sand	High	1.02	Few	<25	SWD	N
MS70	Tacony	<10	10-25	Herbaceous		Yards/Lawn/Pasture	Modified/Mixed/Broken Forest	21-40	21-40	Cobble	Mod	1.04	Few	25-75	SWD	N
MS72	Tacony	<10	10-25	Herbaceous		Yards/Lawn/Pasture	Vines/Herbaceous/Shrubs	0-20	21-40	Gravel	High	1.08	Few	<25	SWD	Ν
MS74	Tacony	>100	>100	Herbaceous	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	21-40	21-40	Sand	Mod	1.06	Frequent	25-75	SWD	Ν
MS76	Tacony	>100	>100	Herbaceous	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	Natural Forest (Multi-Tiered)	41-60	21-40	Sand	Mod	1.03	Few	<25	LWD	Ν
MS78	Tacony	>100	>100	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	41-60	61-80	Sand	High	1.10	Few	<25	SWD	Ν
MS80	Tacony	<10	<10	Herbaceous	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Sand	High	1.01	Few	<25	SWD	N
MS86	Tacony	25-100	25-100	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	0-20	Gravel	High	1.02	Few	<25	SWD	Ν
MS88	Tacony	25-100	10-25	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	21-40	Gravel	High	1.06	Few	<25	SWD	Ν
MS94	Tacony	25-100	10-25	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	0-20	Gravel	High	1.02	Mod	<25	SWD	Ν
MS100	Tacony	>100	>100	Herbaceous		Vines/Herbaceous/Shrubs	Modified/Mixed/Broken Forest	0-20	21-40	Gravel	High	1.01	Mod	<25	SWD	Ν
MS102	Tacony	>100	>100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	41-60	Sand	High	1.17	Frequent	<25	SWD	Ν
MS104	Tacony	>100	25-100	Deciduous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	21-40	61-80	Cobble	Mod	1.12	Few	<25	SWD	Ν
MS106	Tacony	10-25	>100	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	0-20	Cobble	Low	1.19	Few	<25	LWD	Ν
MS108	Tacony	>100	>100	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	21-40	41-60	Gravel	High	1.48	Few	<25	LWD	Ν
MS110	Tacony	10-25	25-100	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	61-80	61-80	Gravel	High	1.14	Few	<25	SWD	Ν
MS112	Tacony	10-25	10-25	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	41-60	Gravel	High	1.11	Few	<25	SWD	Ν
MS114	Tacony	10-25	10-25	Herbaceous	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	Modified/Mixed/Broken Forest	0-20	0-20	Gravel	High	1.07	Few	<25	SWD	Ν
MS120	Tacony	25-100	10-25	Herbaceous	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	Vines/Herbaceous/Shrubs	0-20	21-40	Boulder	Mod	1.03	Frequent	<25	SWD	Ν
N2	Ν	<10	<10	Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	Yards/Lawn/Pasture	0-20	0-20	Cobble	Low	1.12	Absent	<25	SWD	N

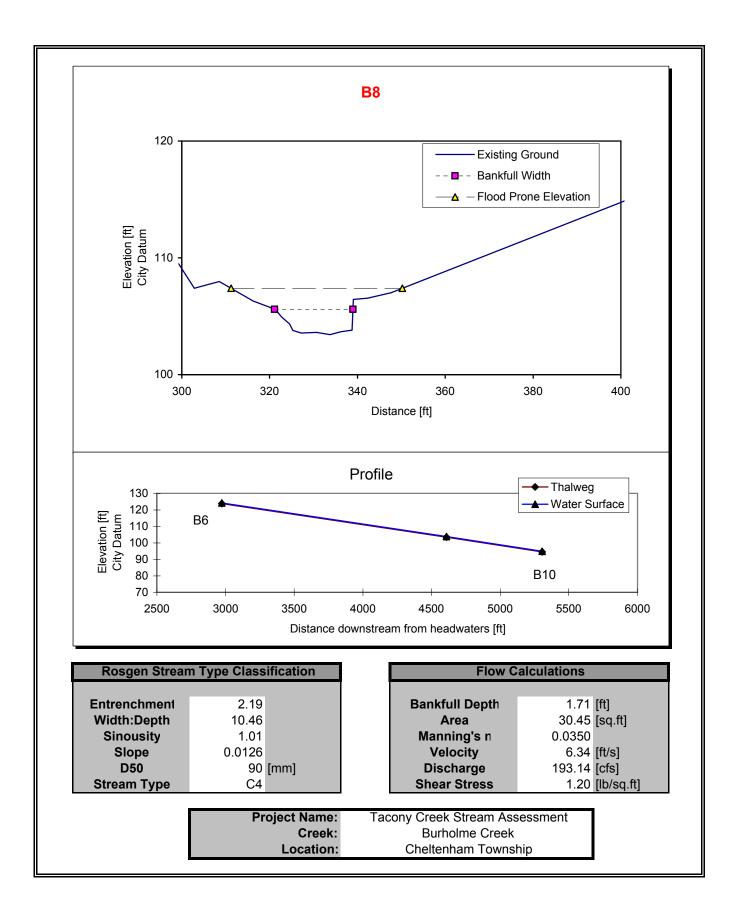
APPENDIX C - MEASURED REACH CROSS SECTION GRAPHS

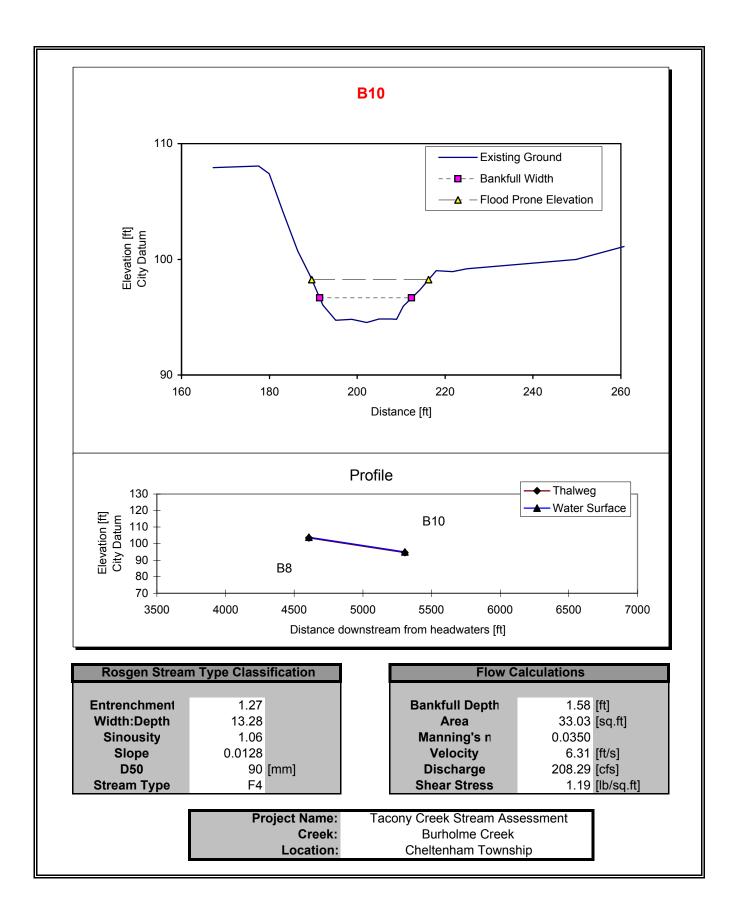


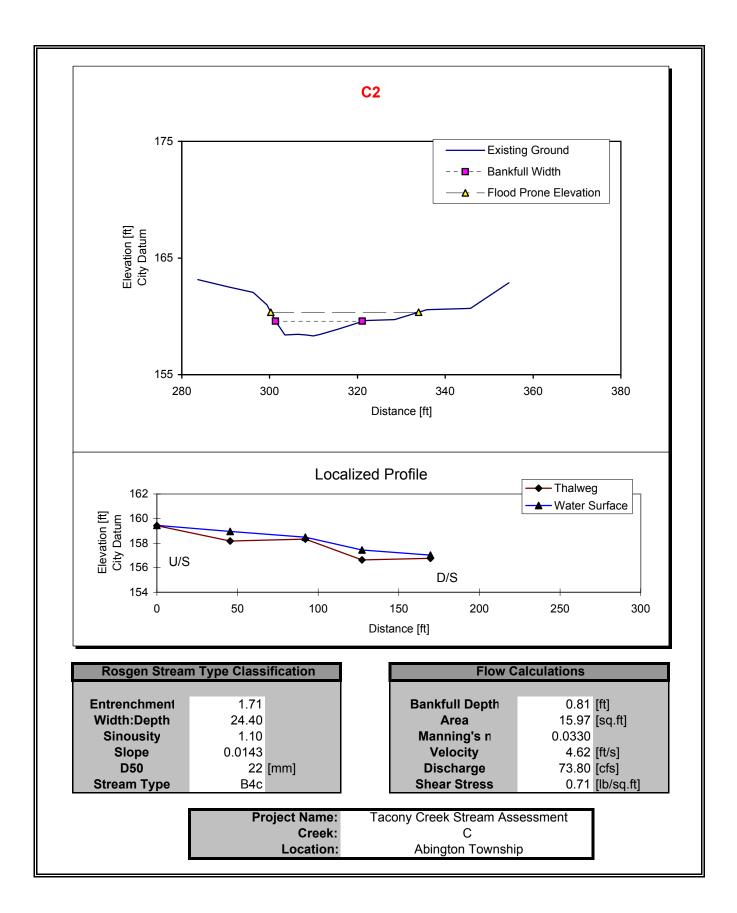


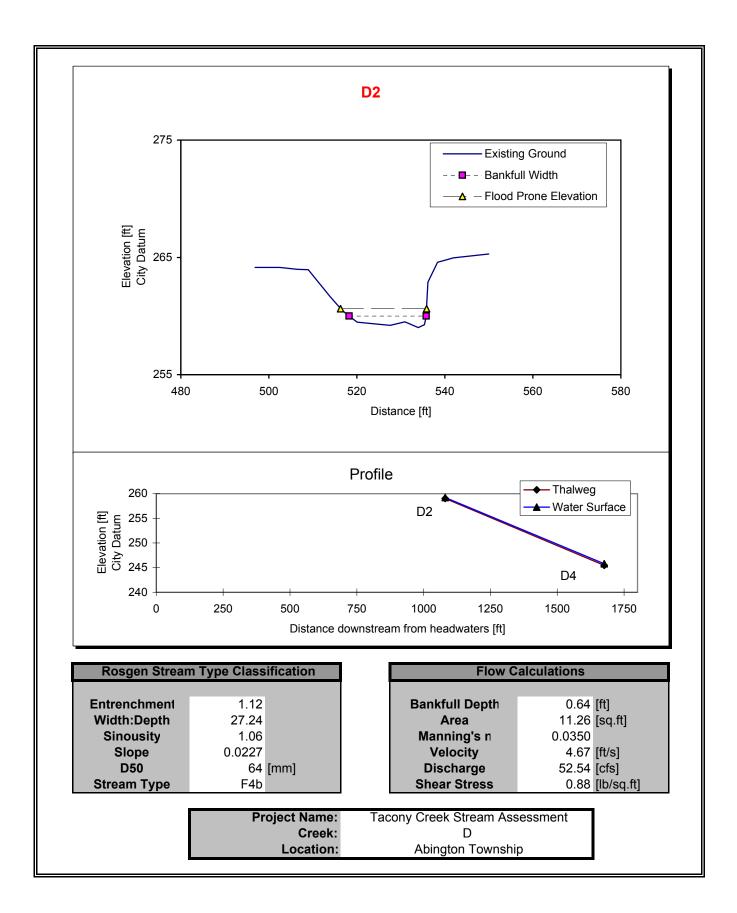


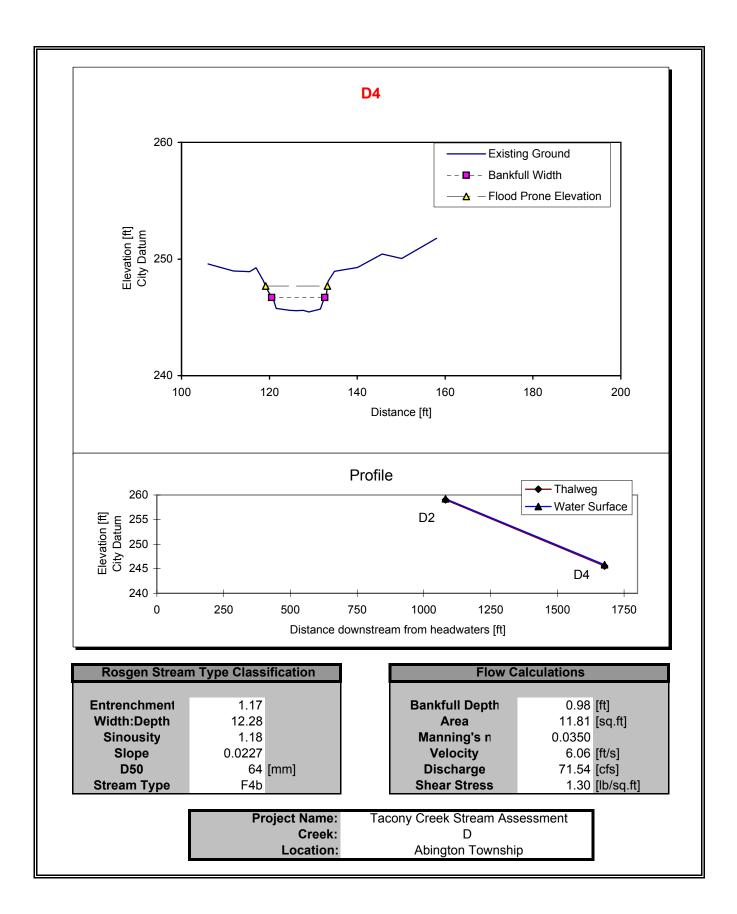


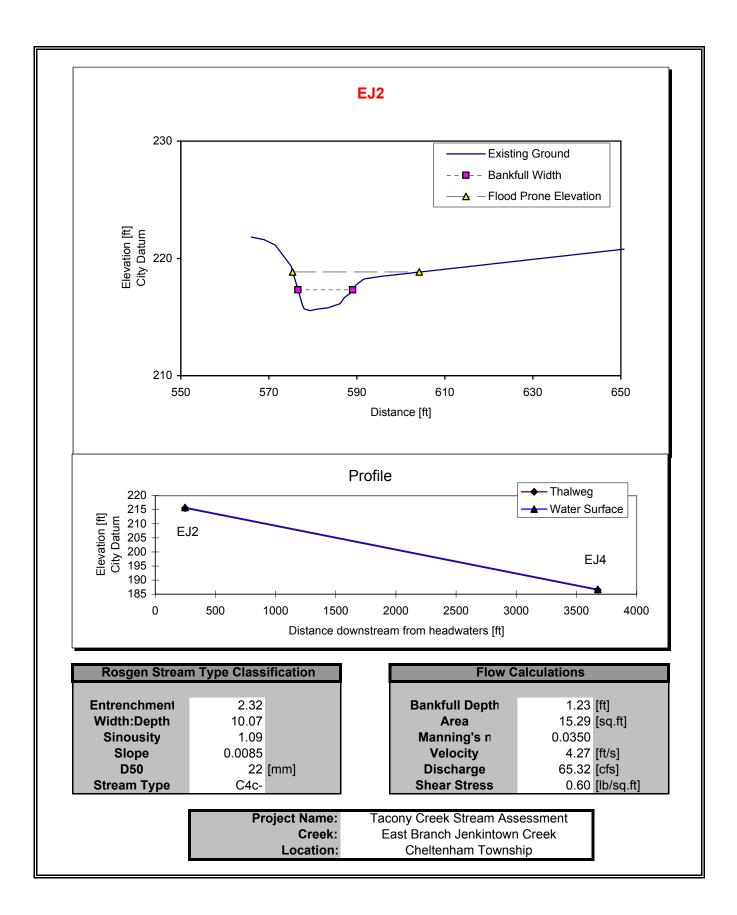


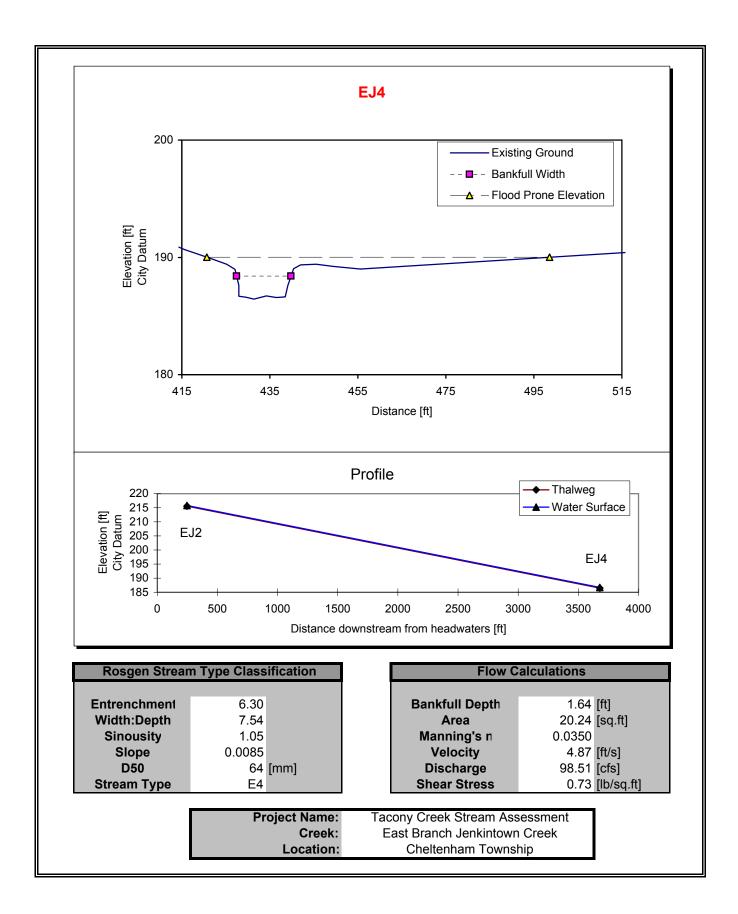


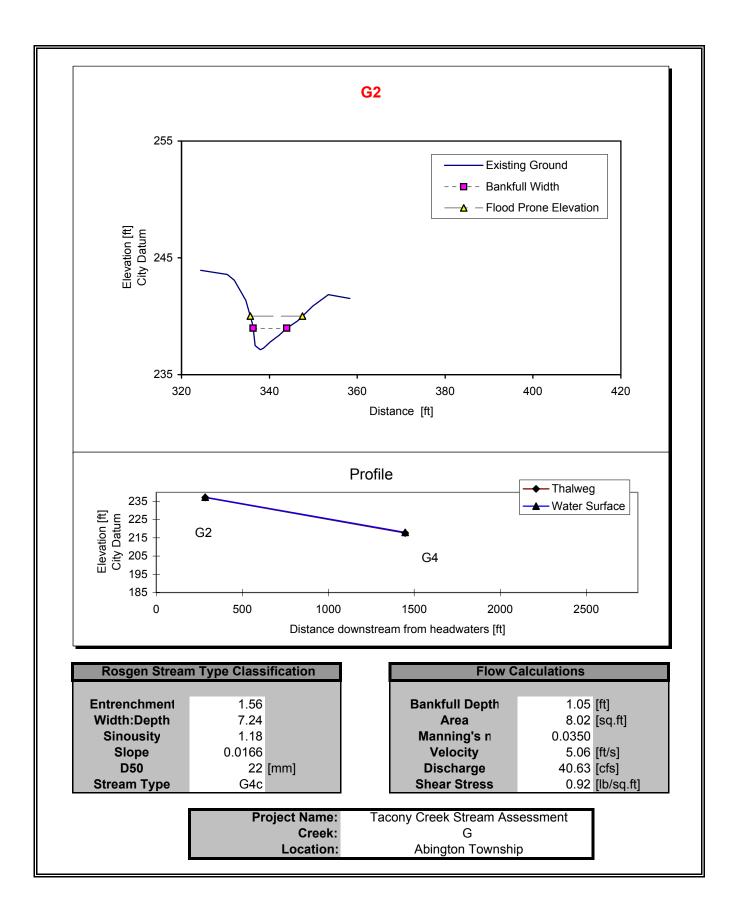


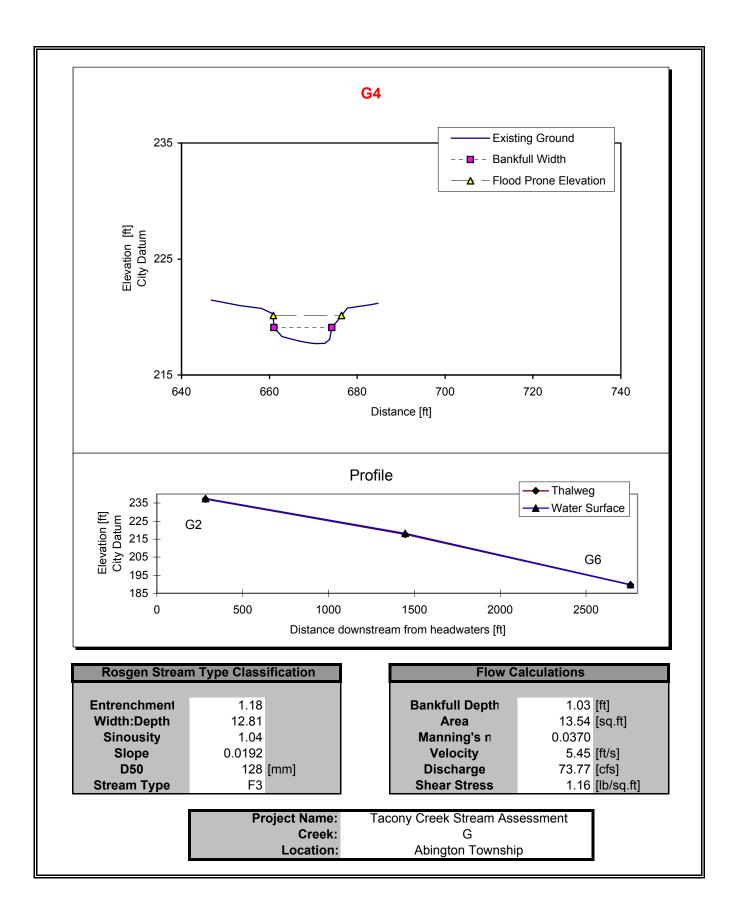


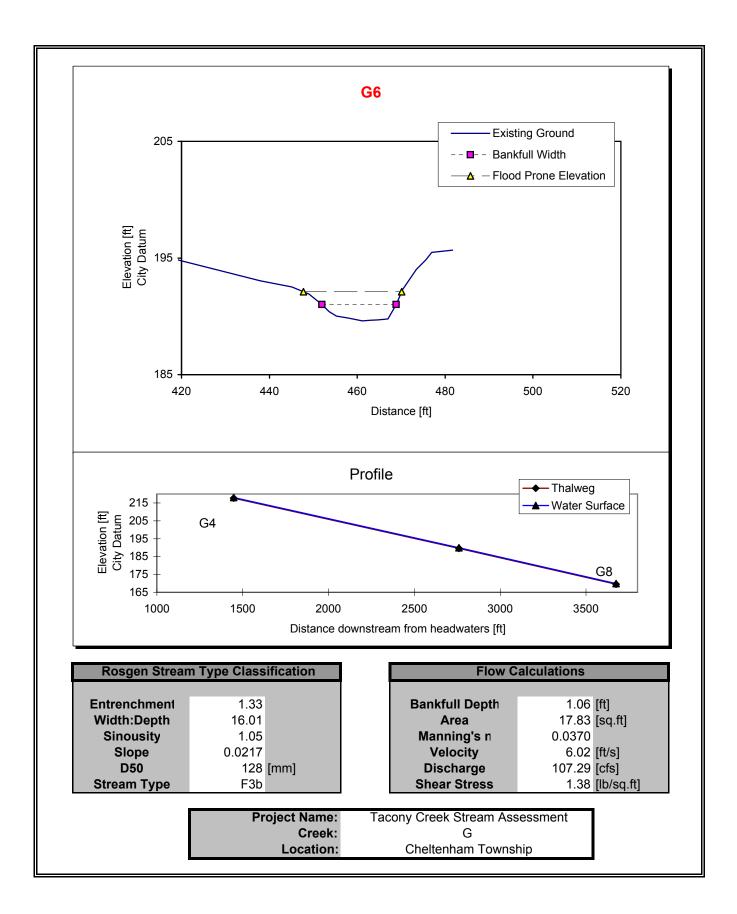


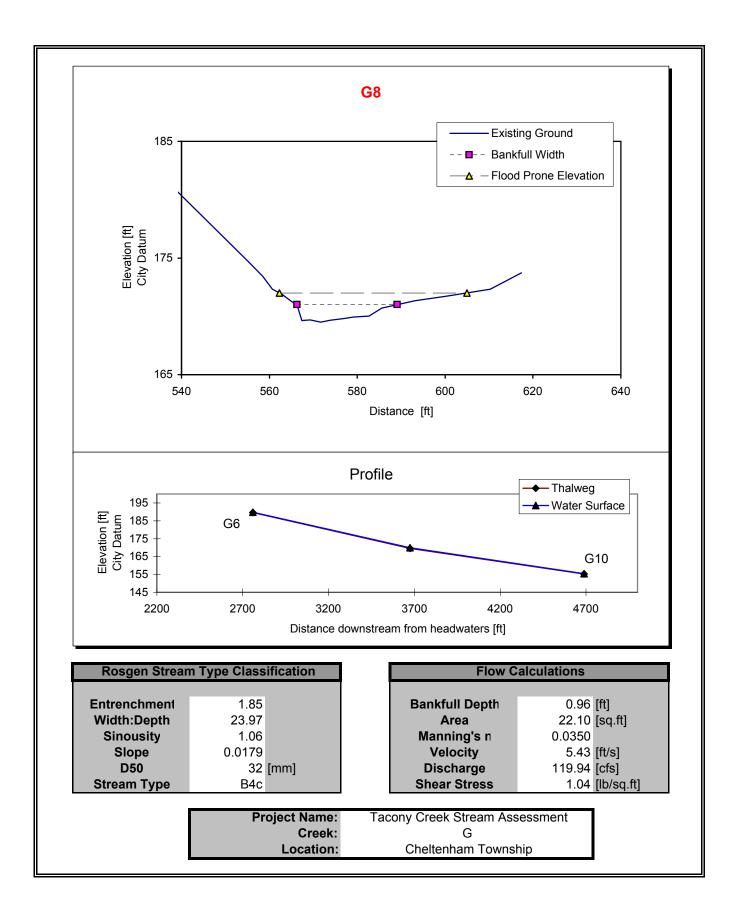


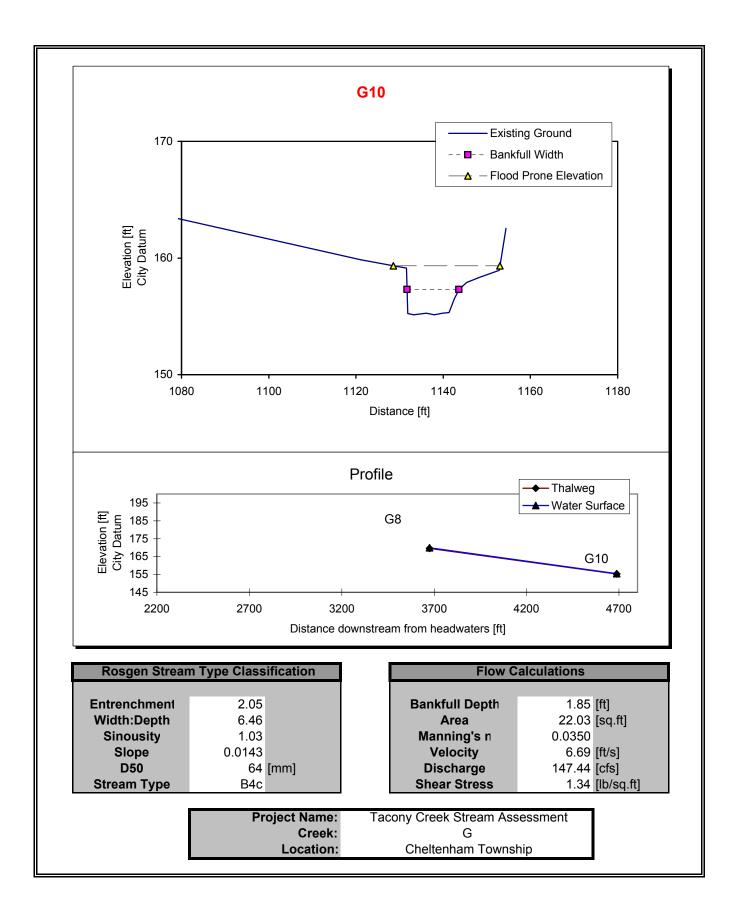


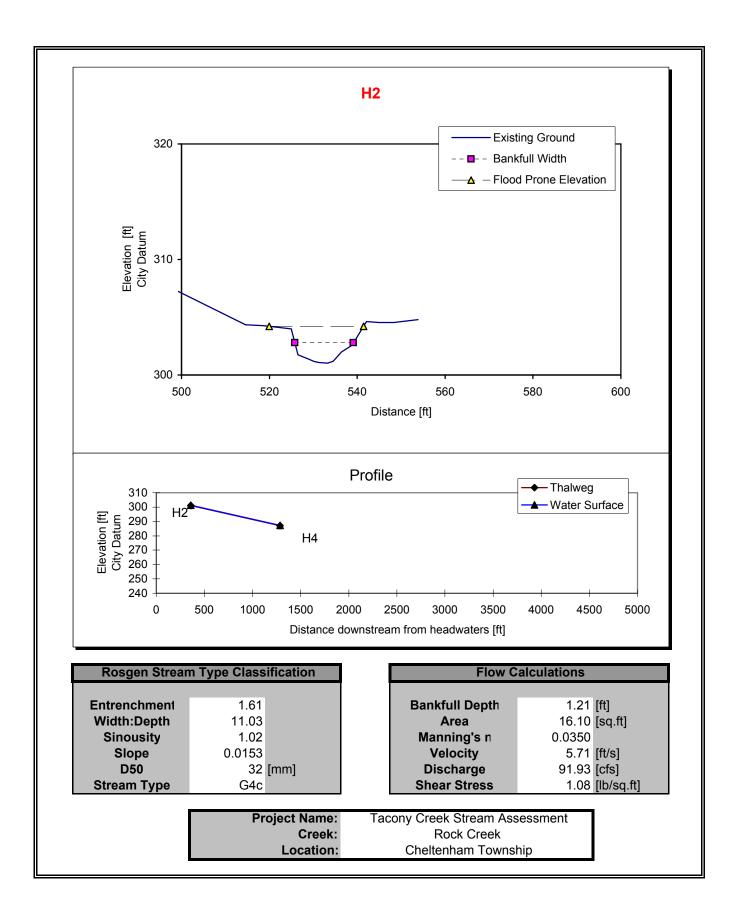


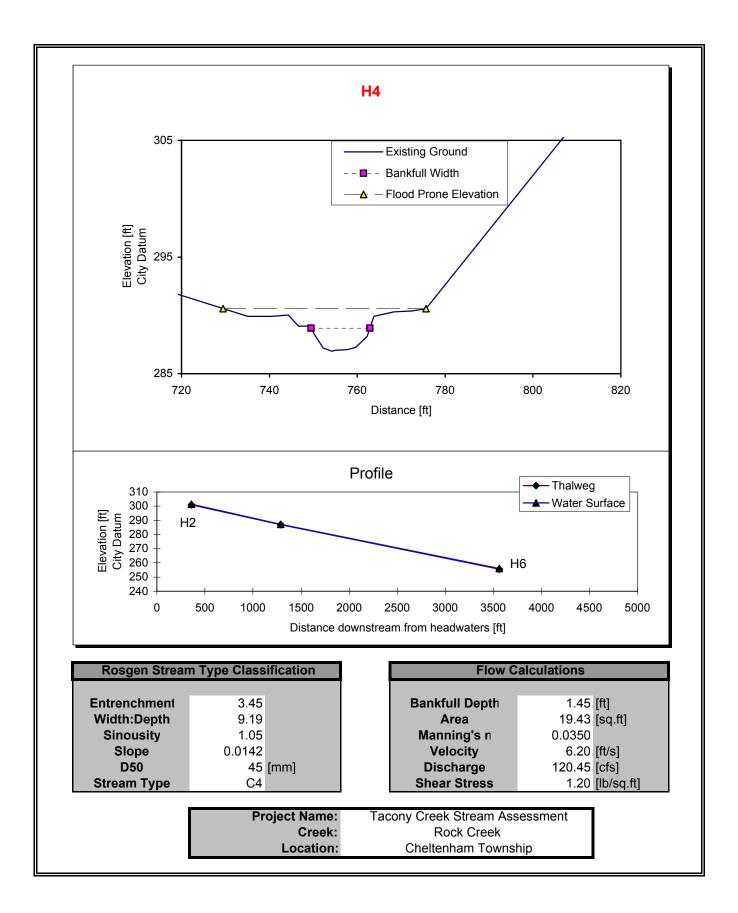


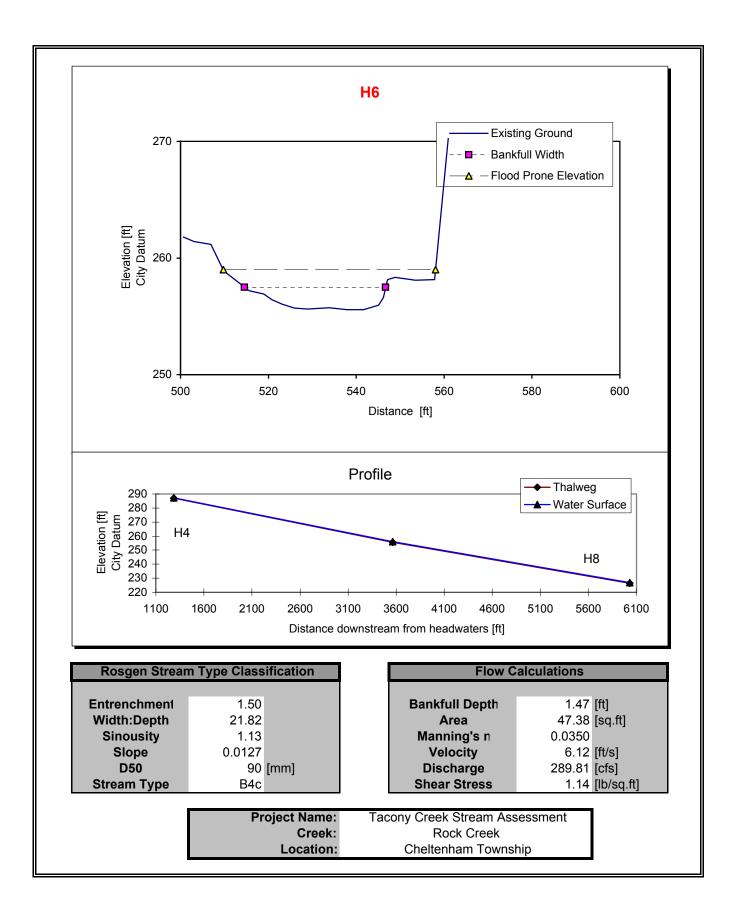


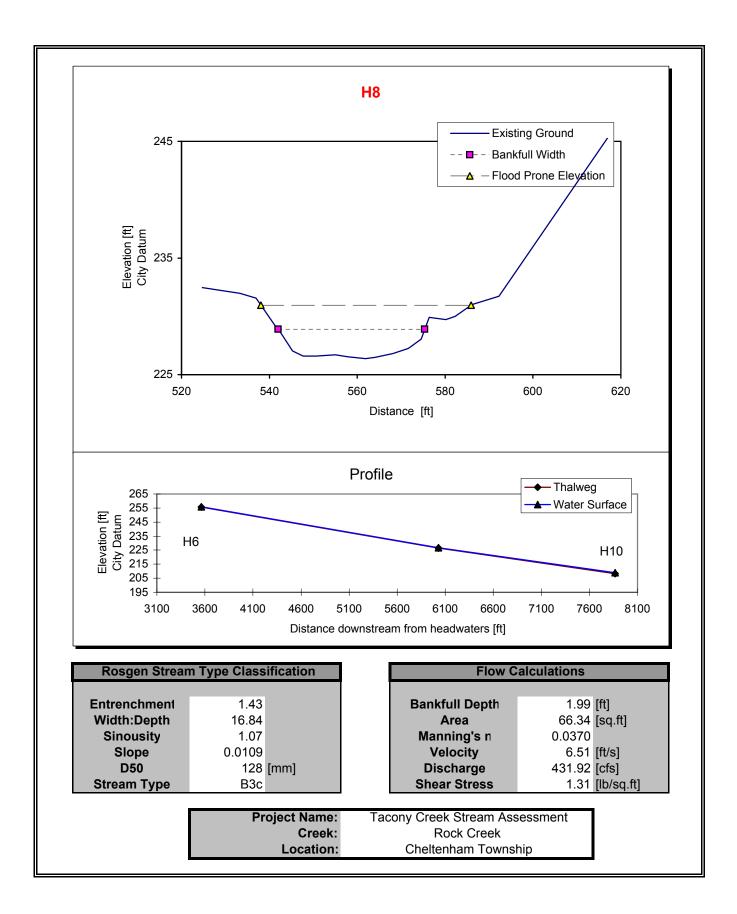


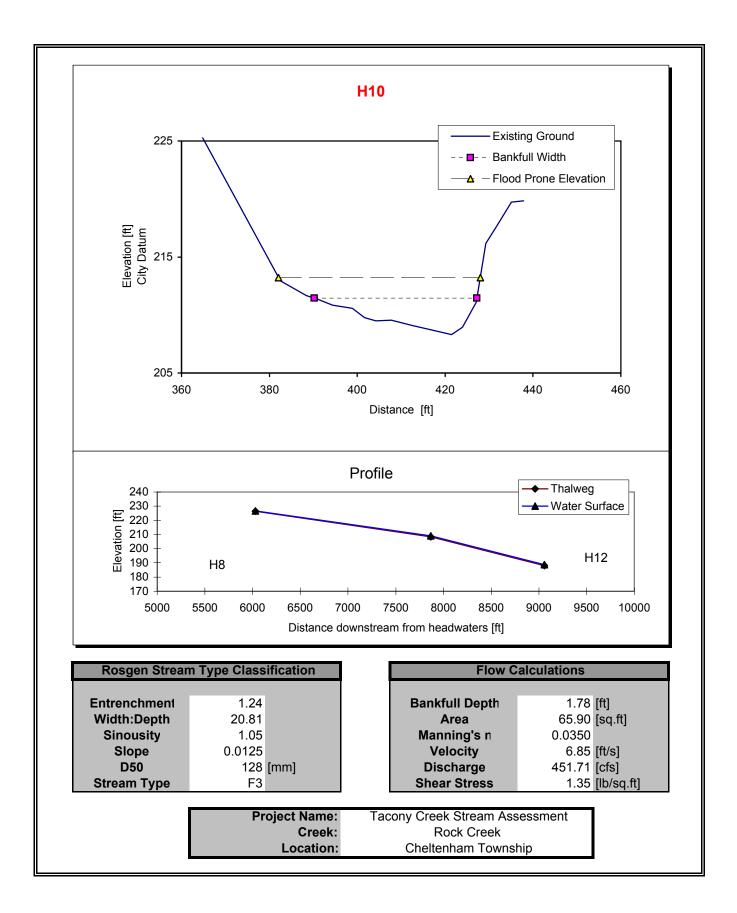


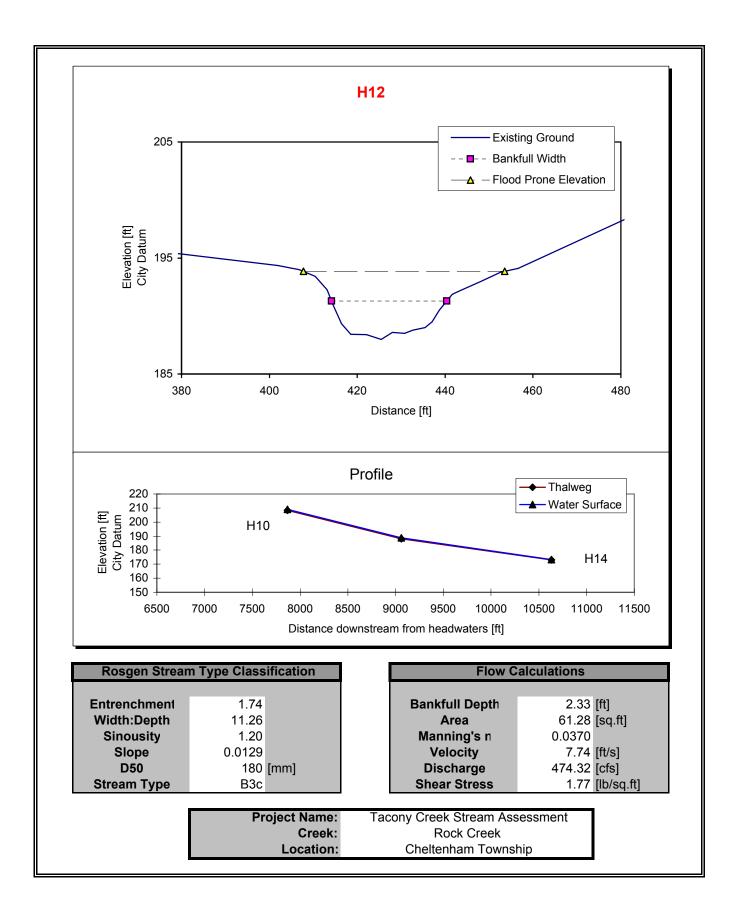


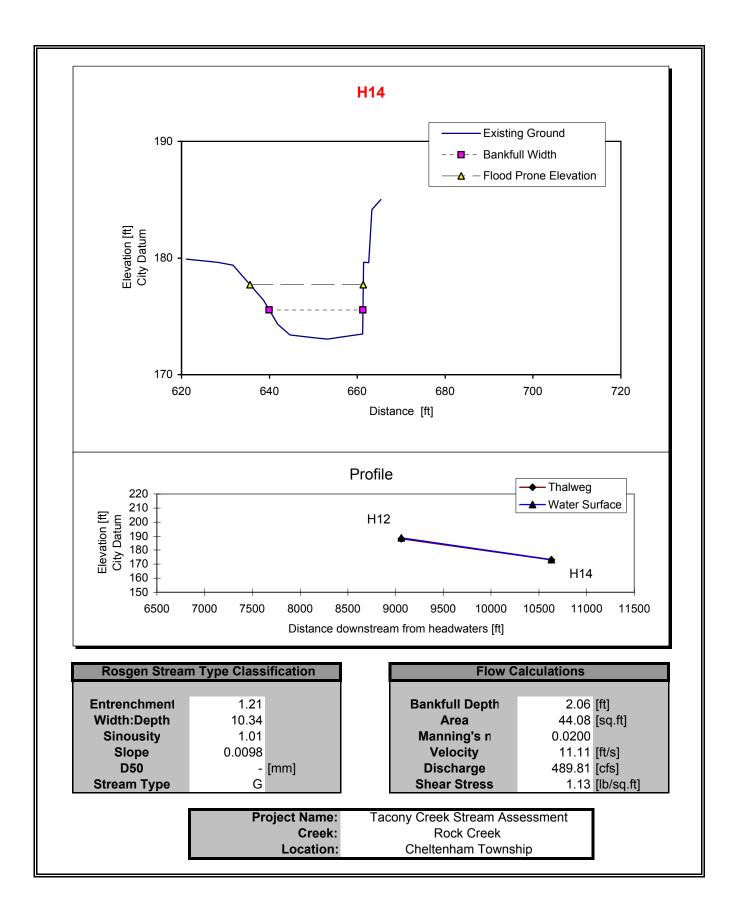


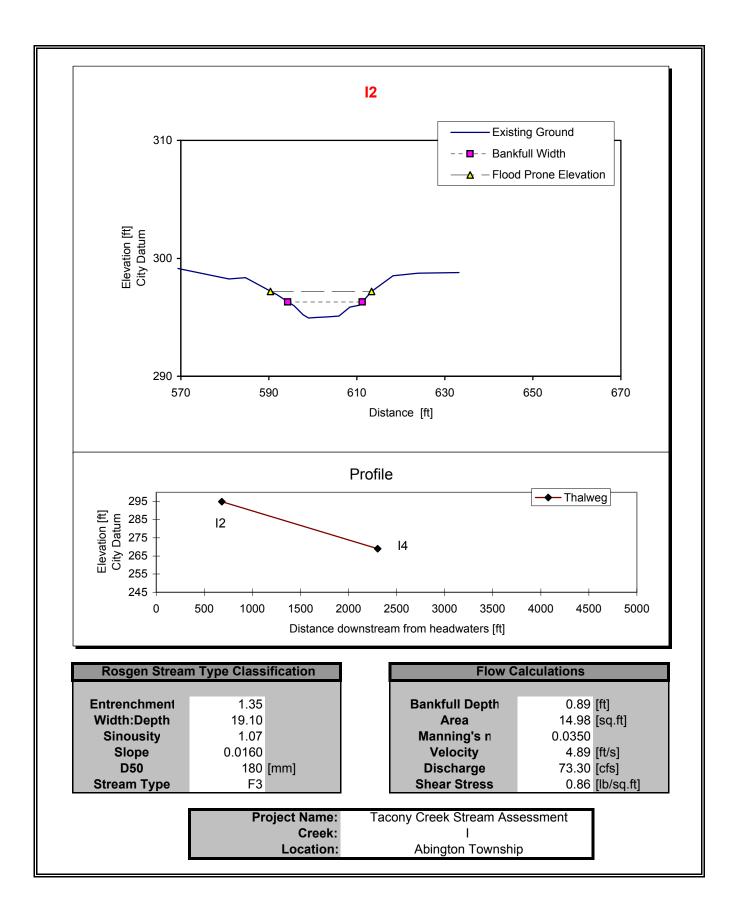


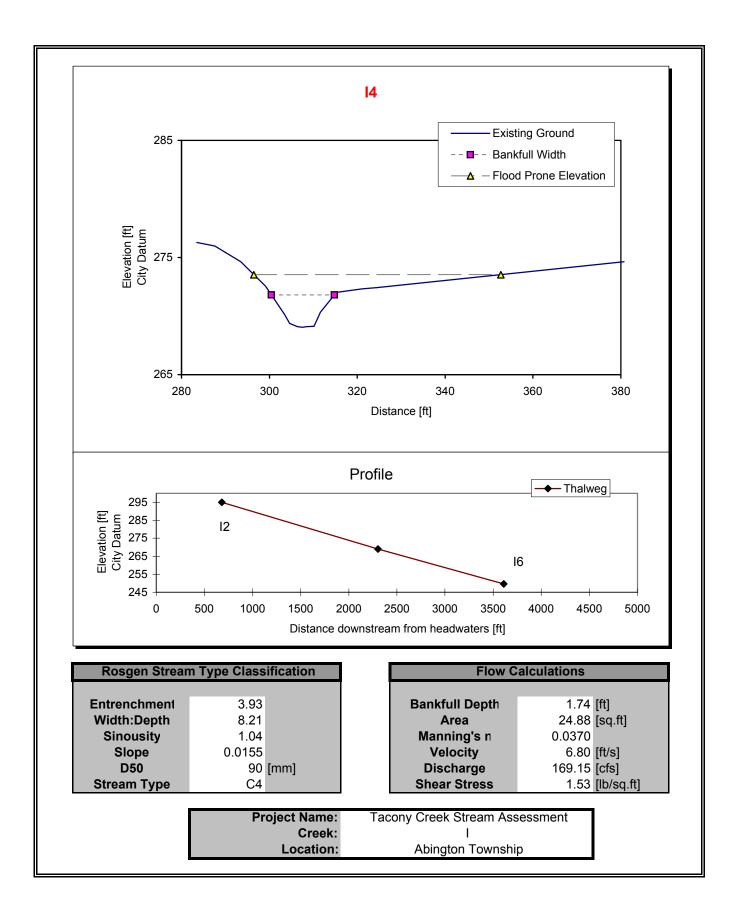


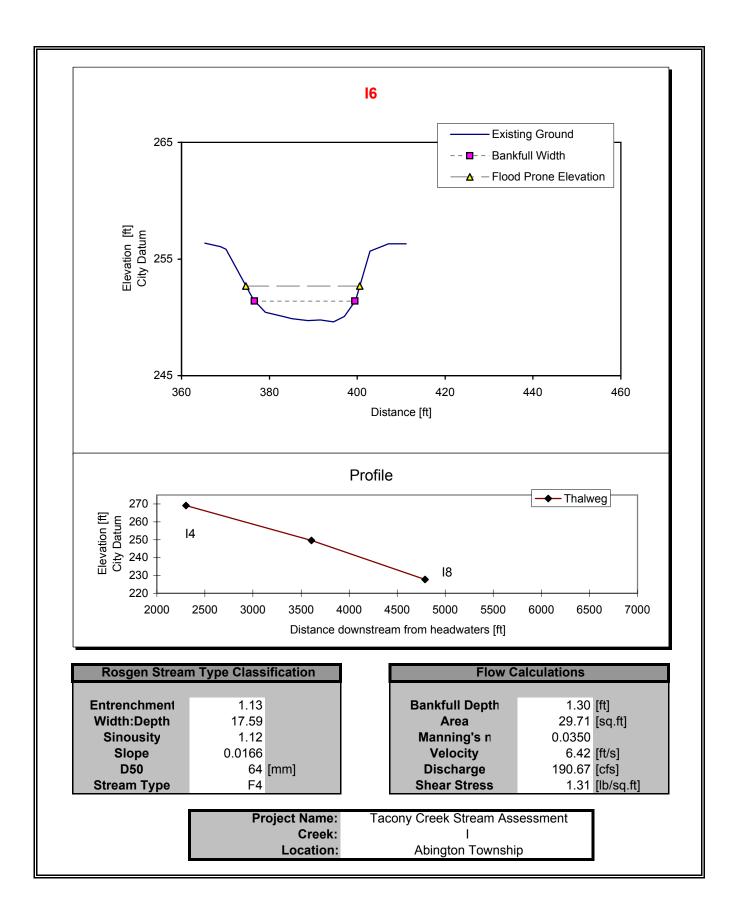


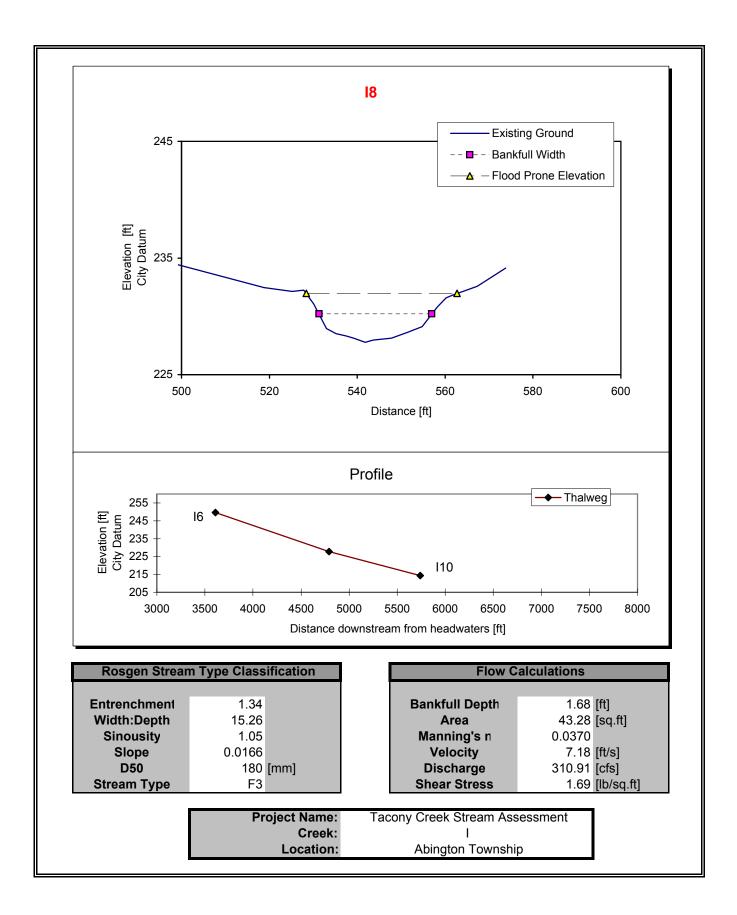


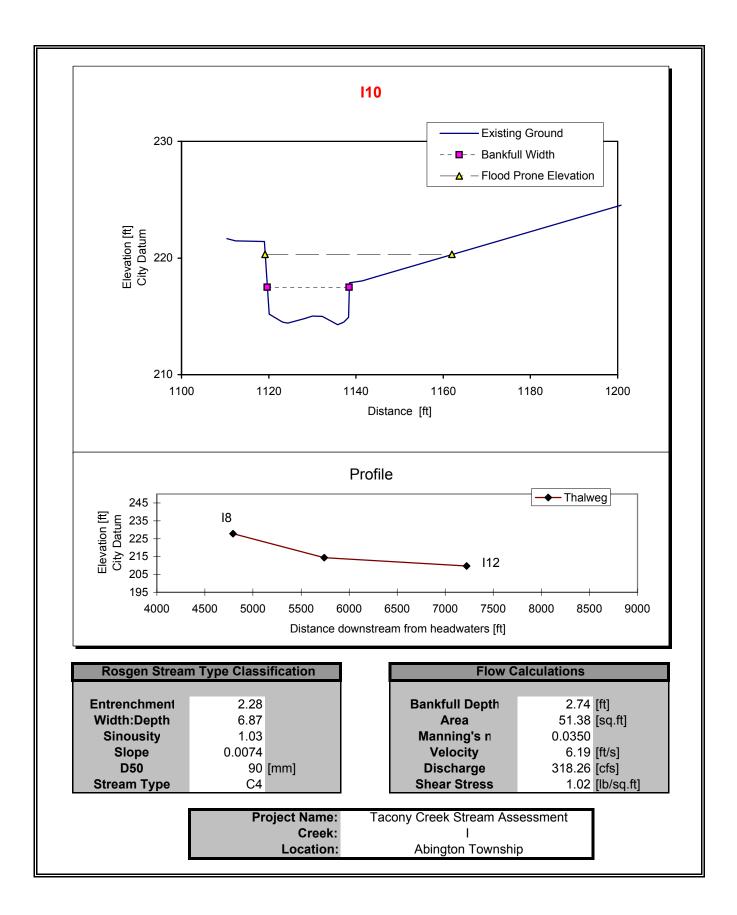


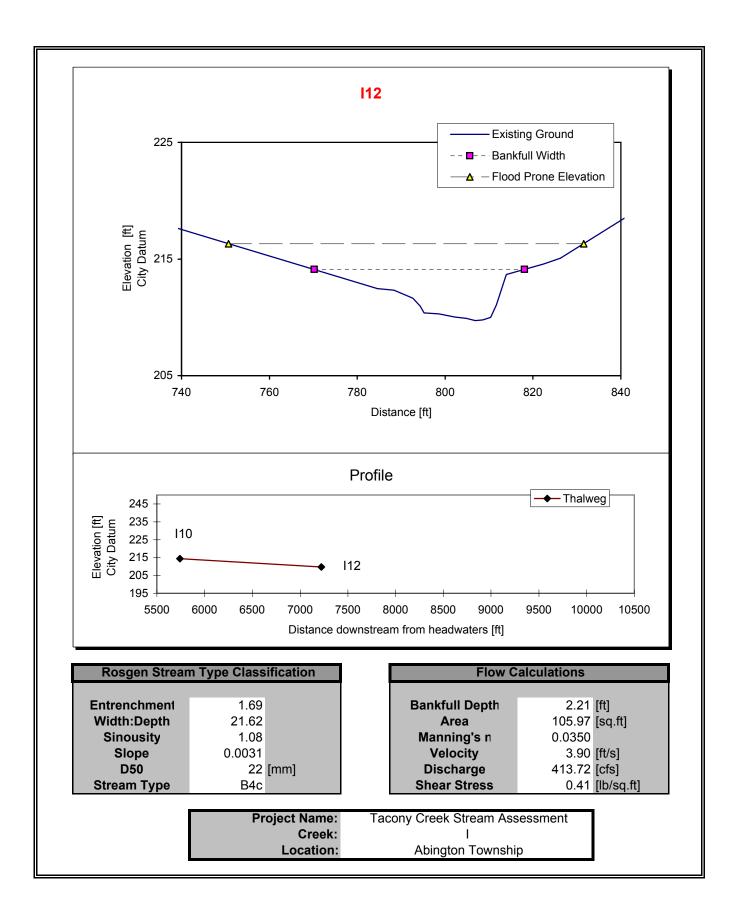


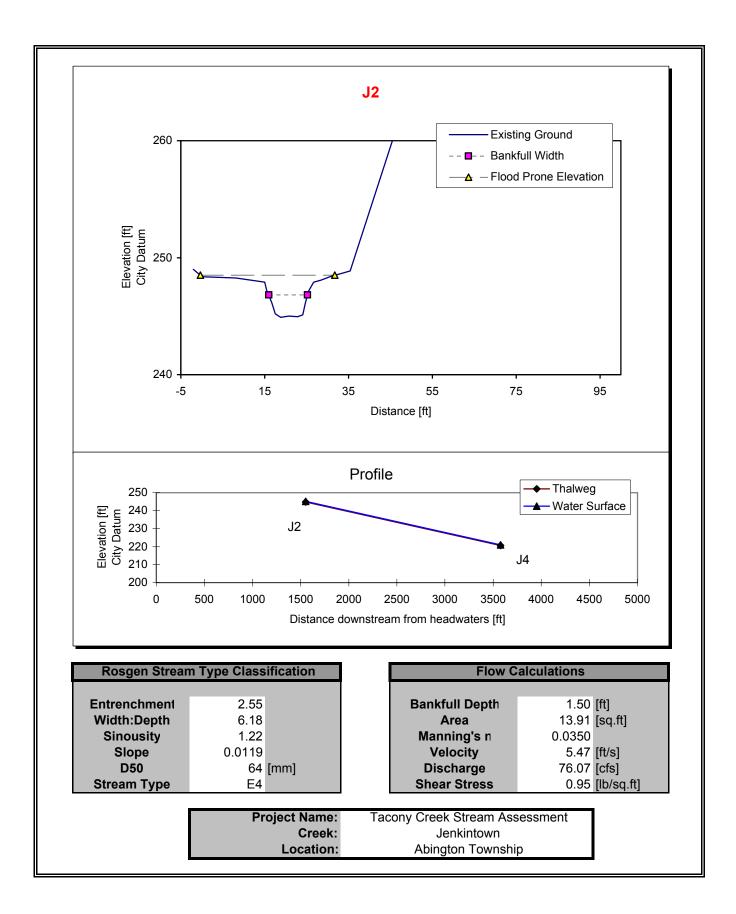


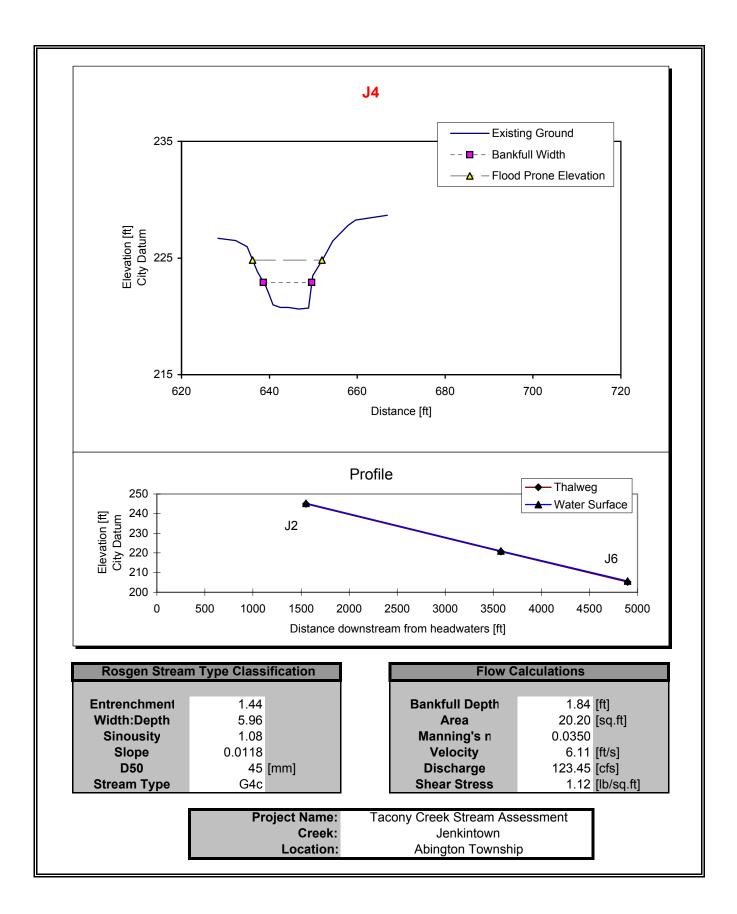


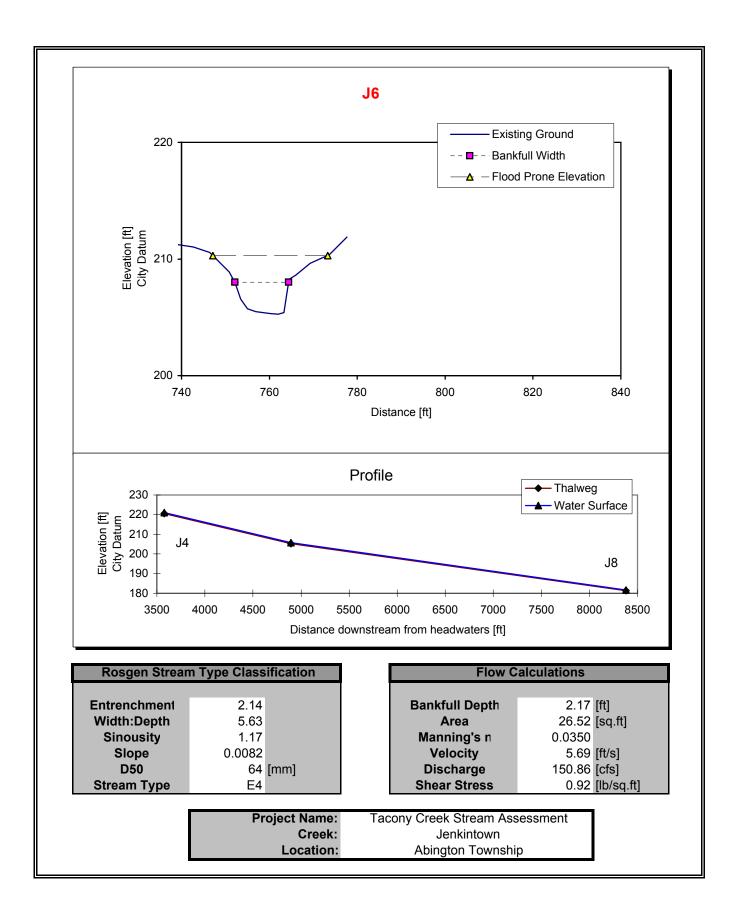


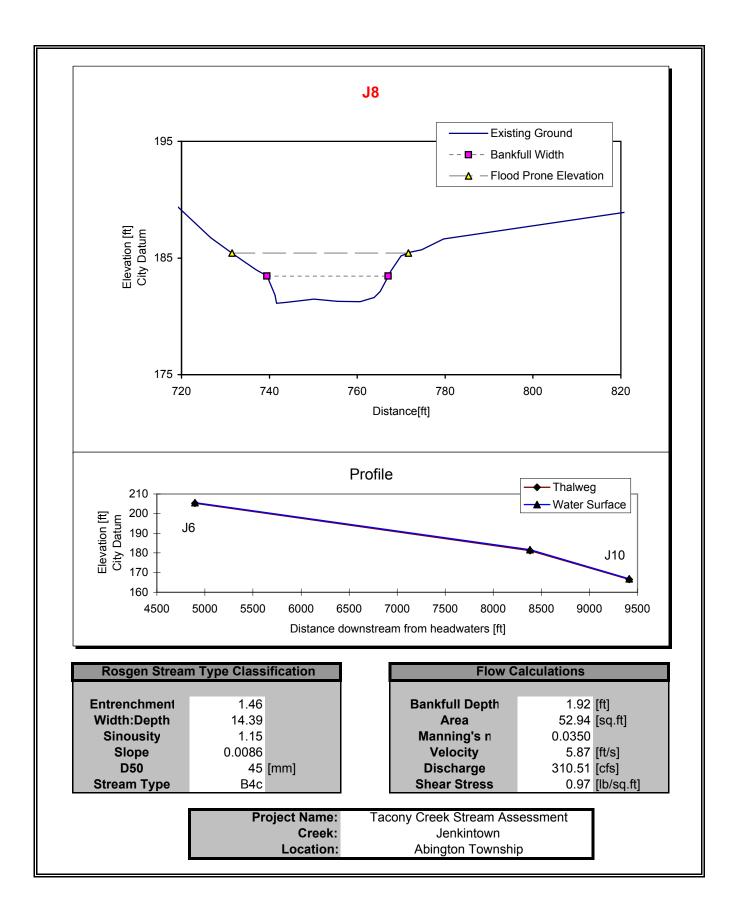


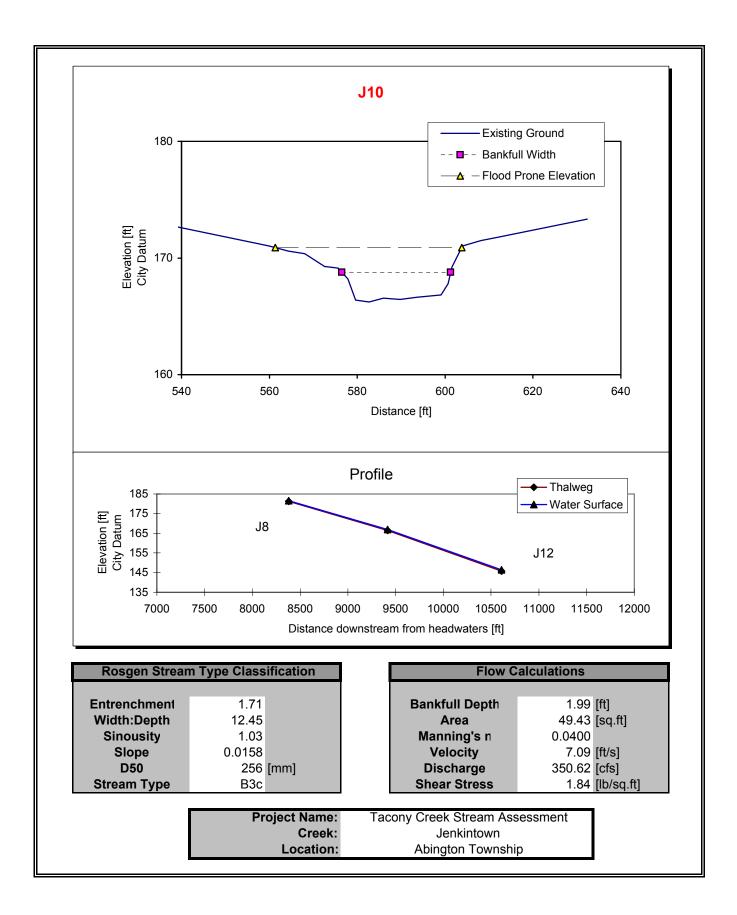


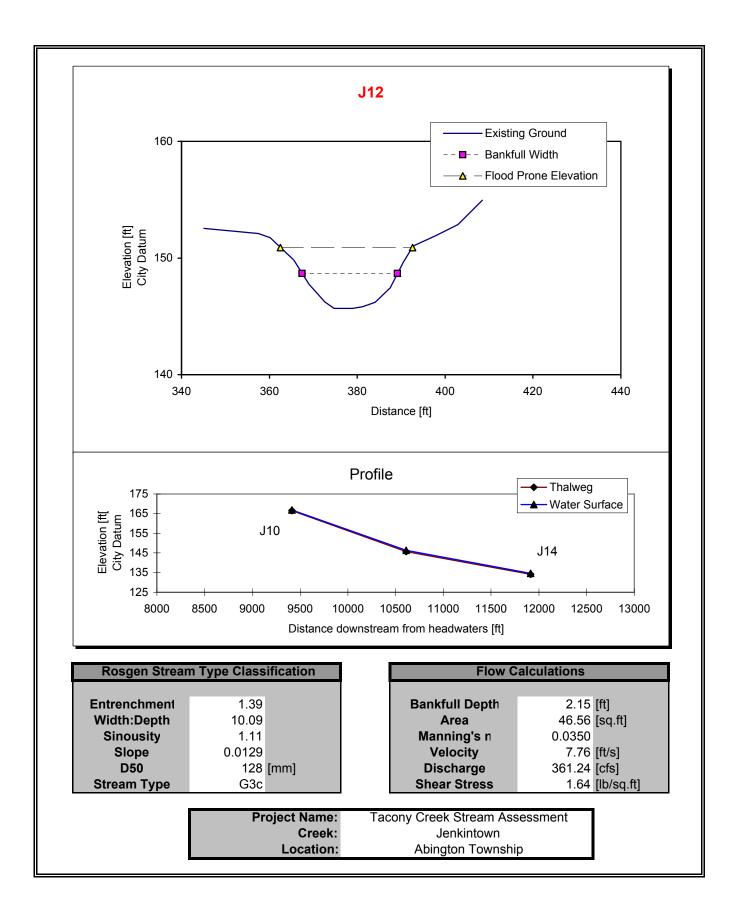


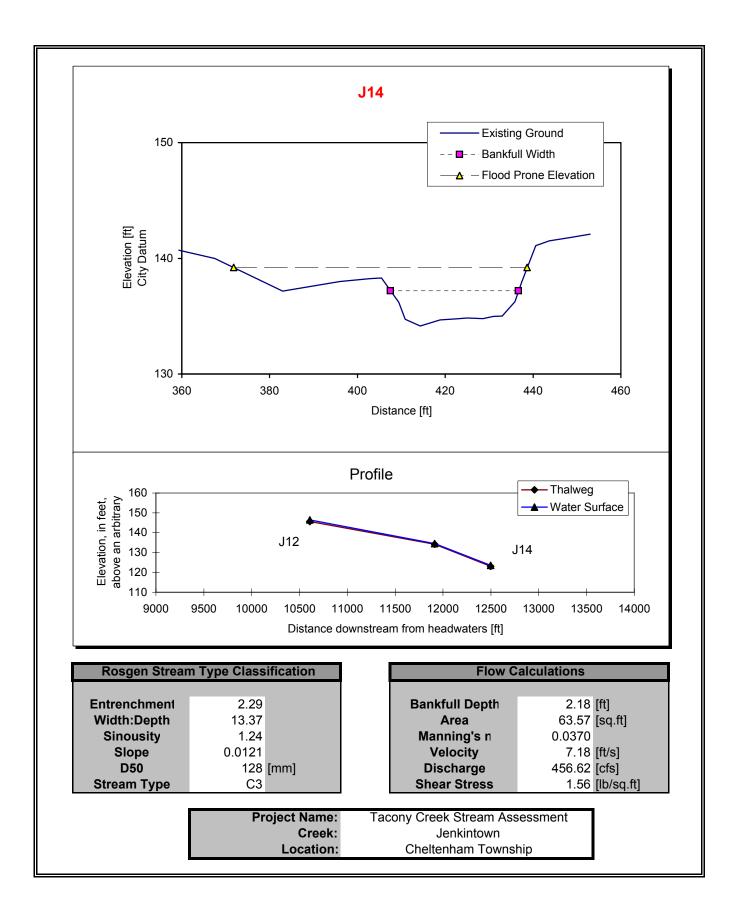


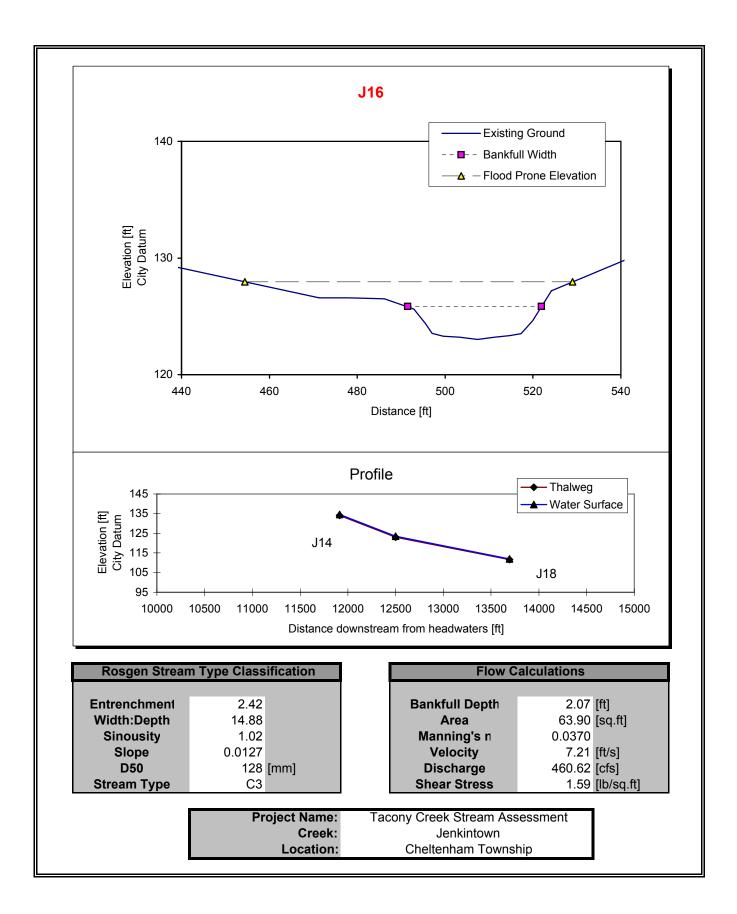


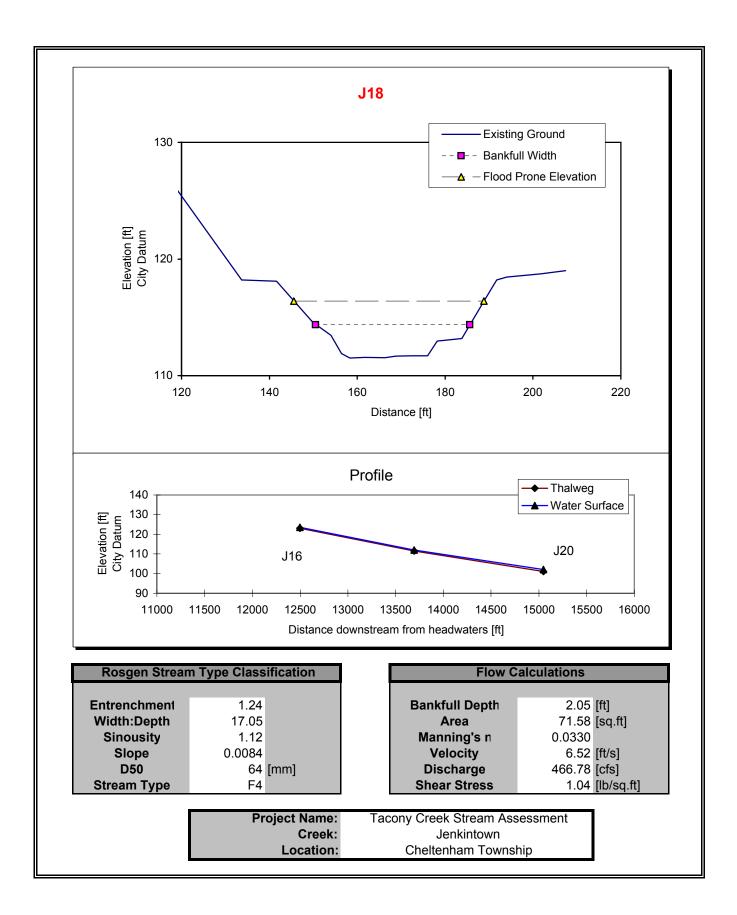


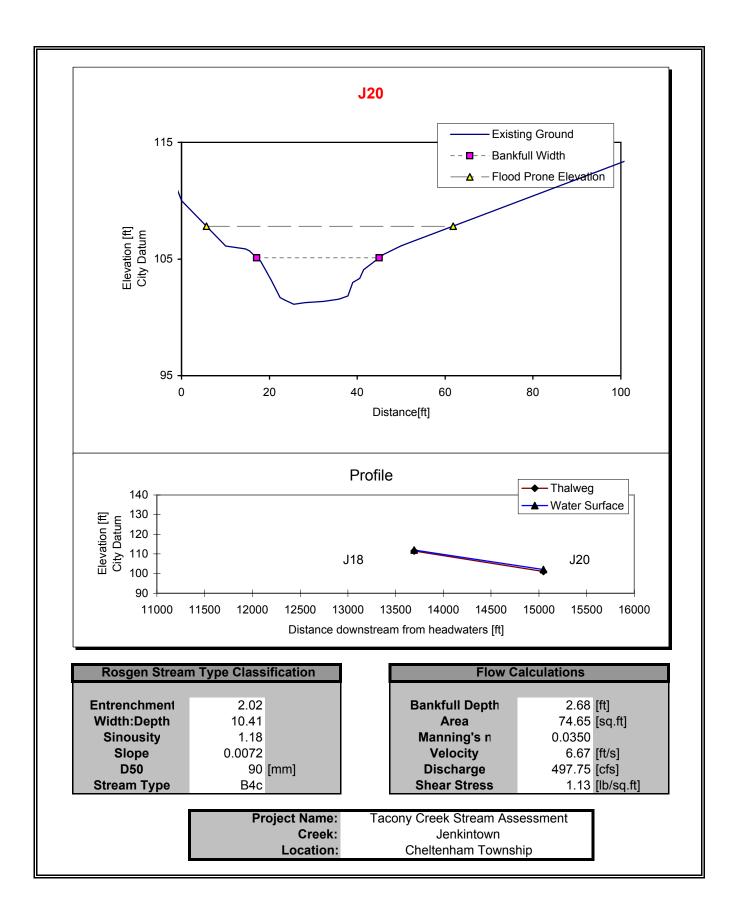


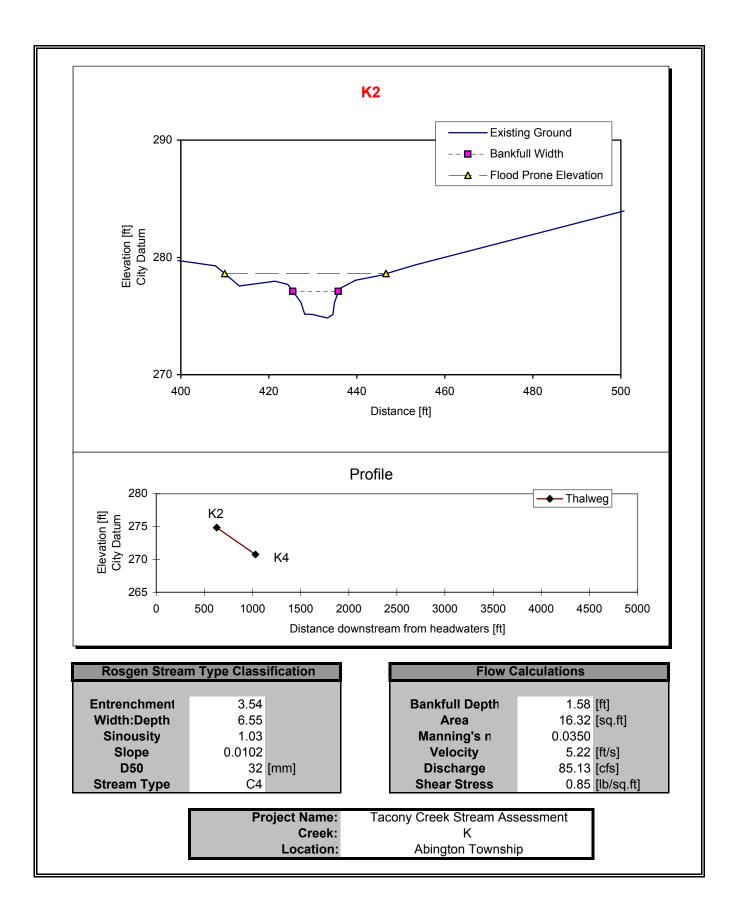


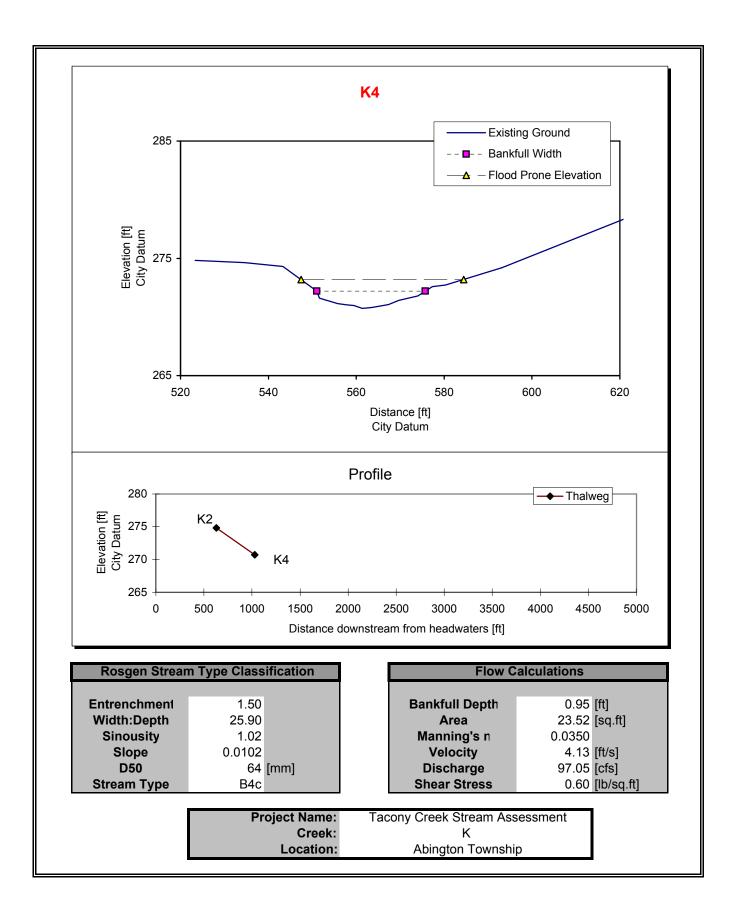


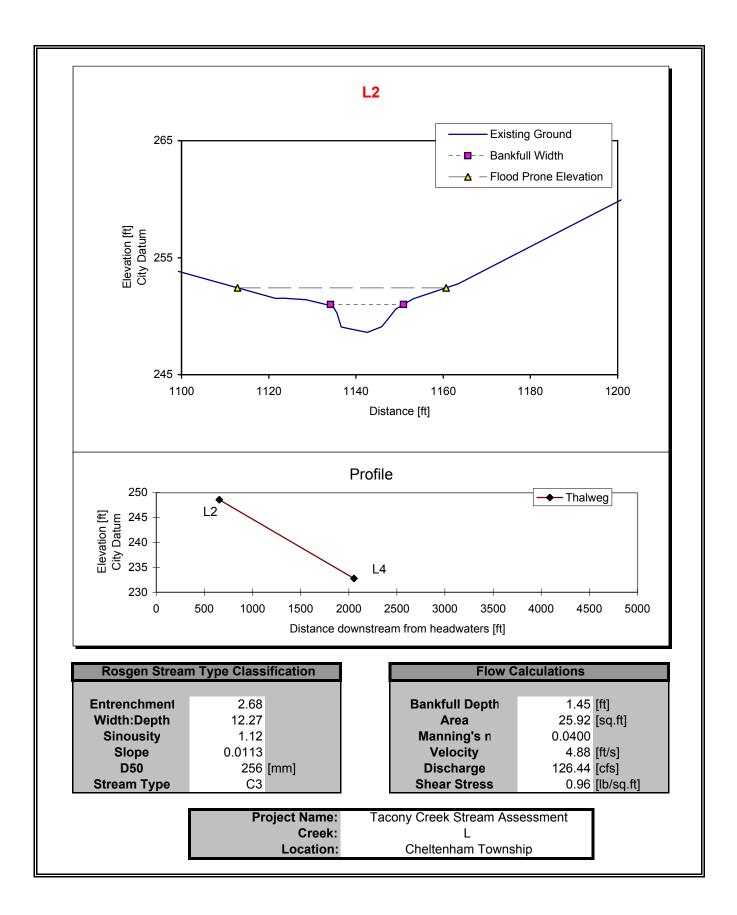


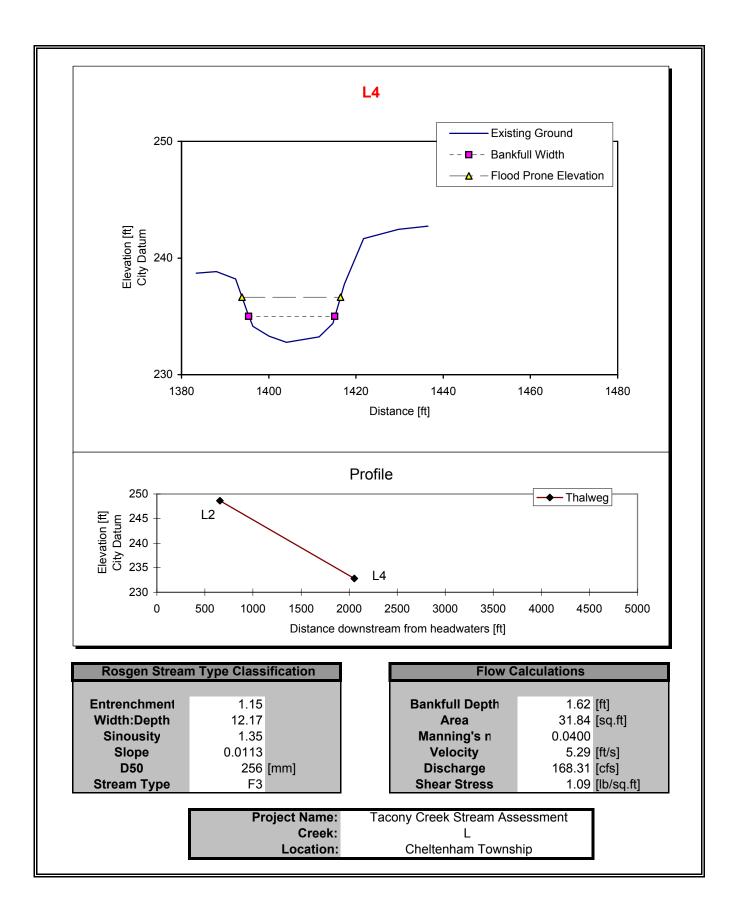


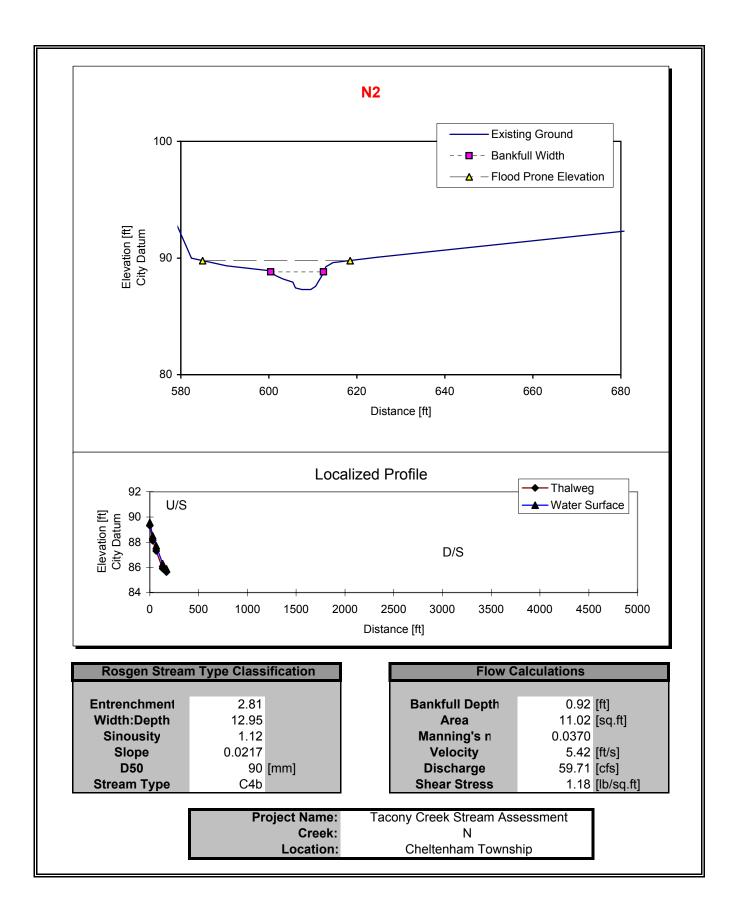


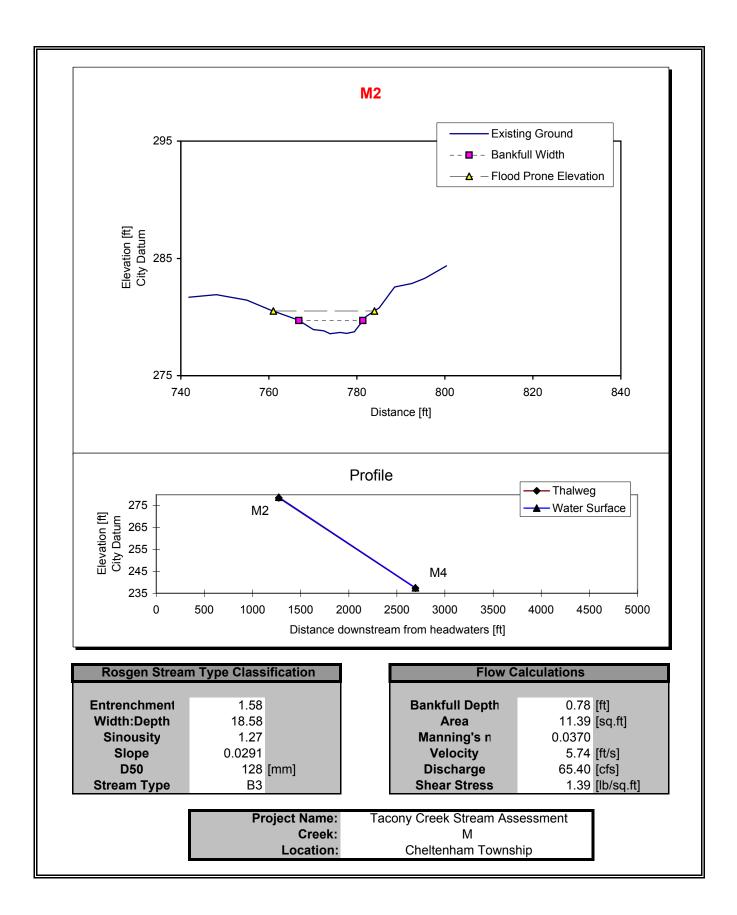


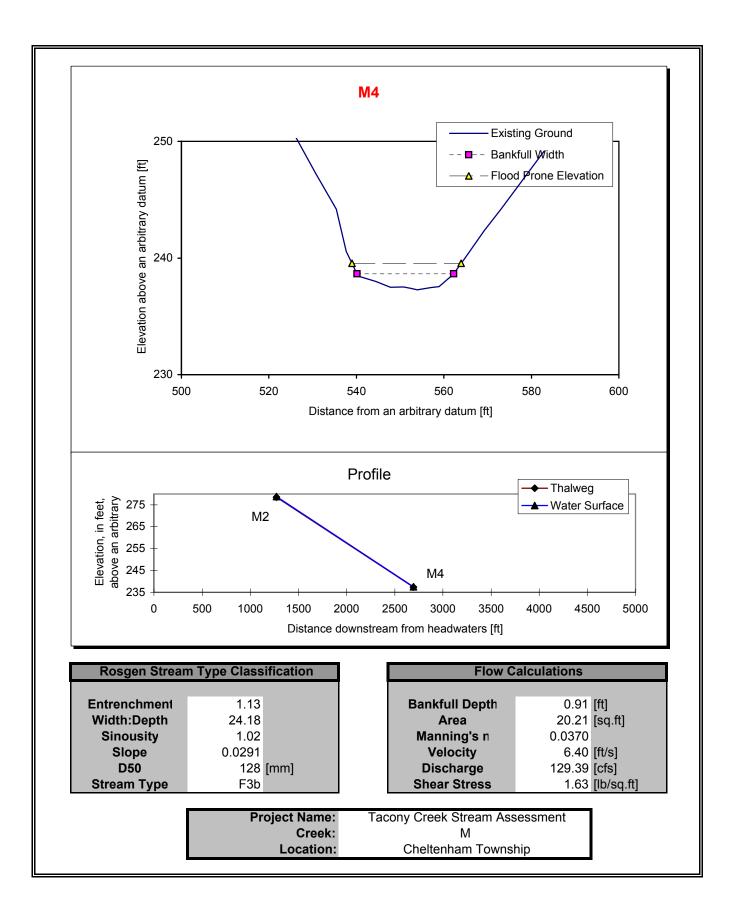


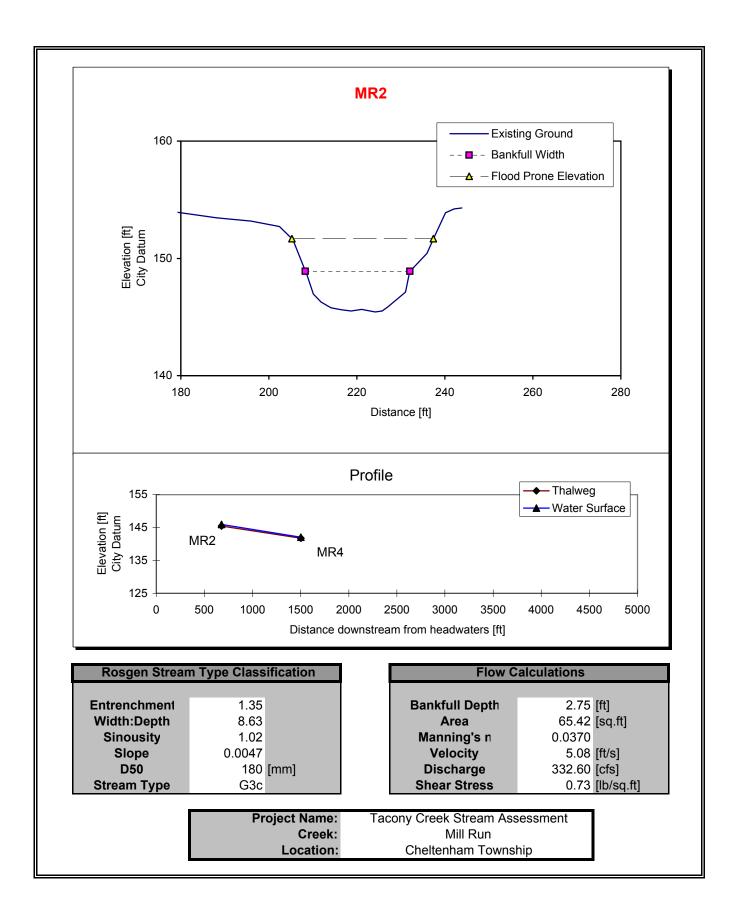


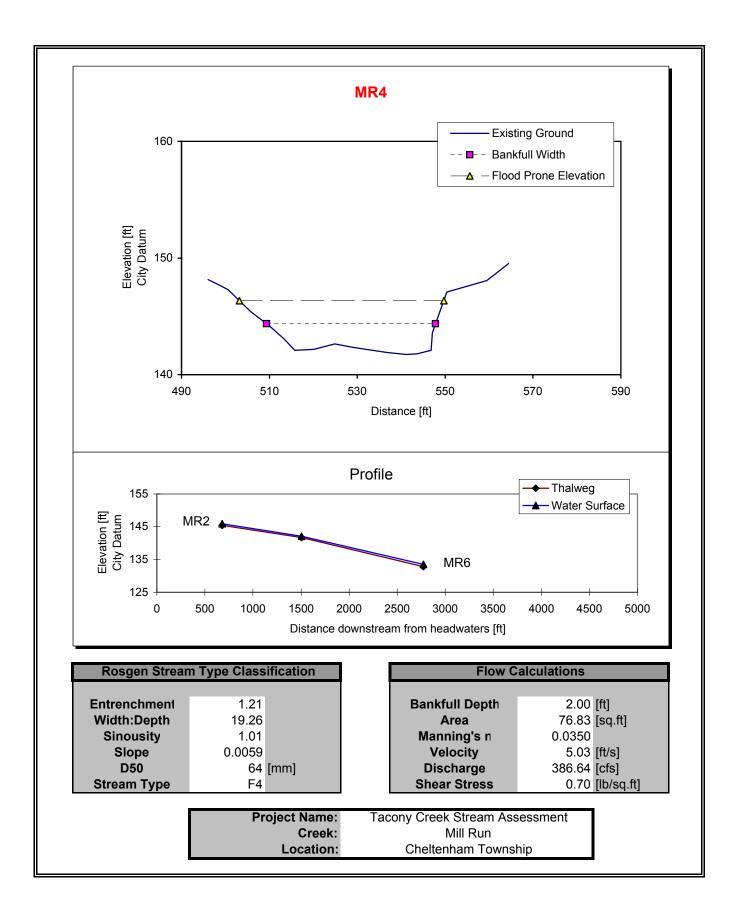


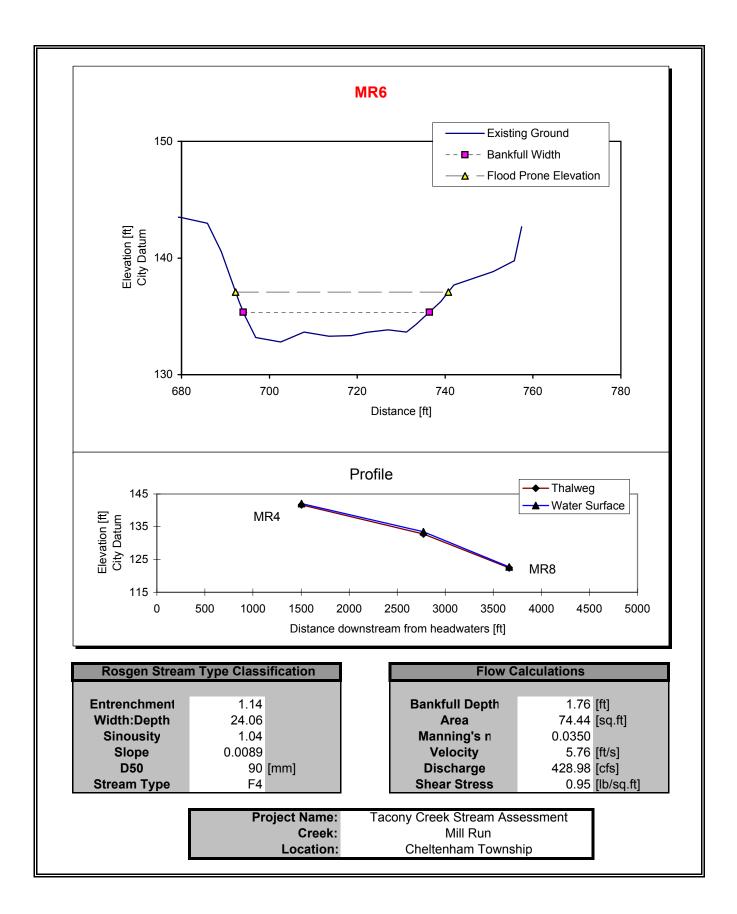


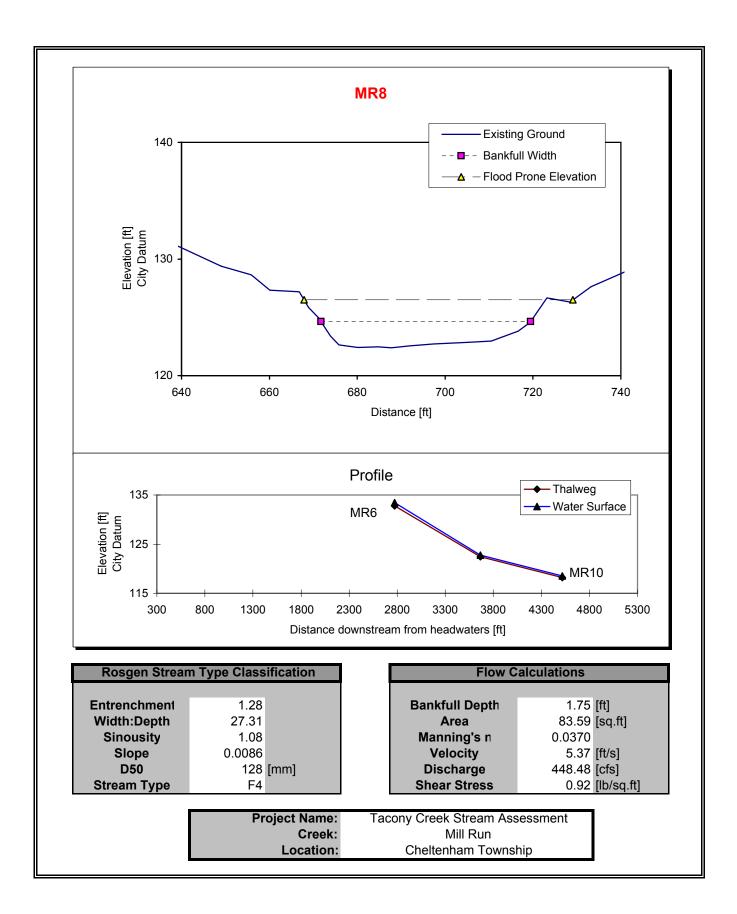


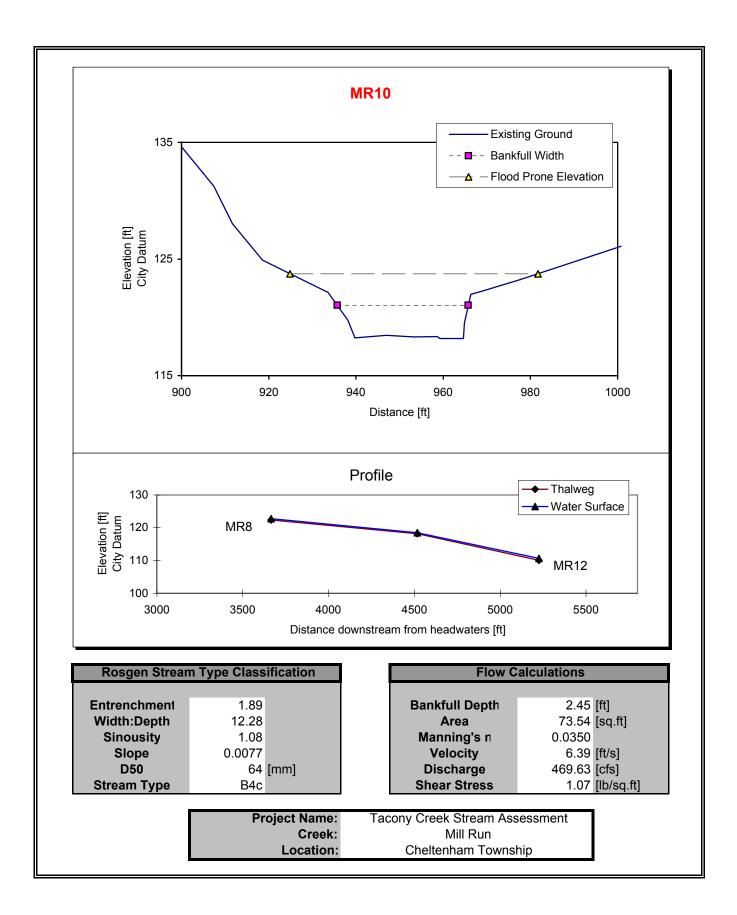


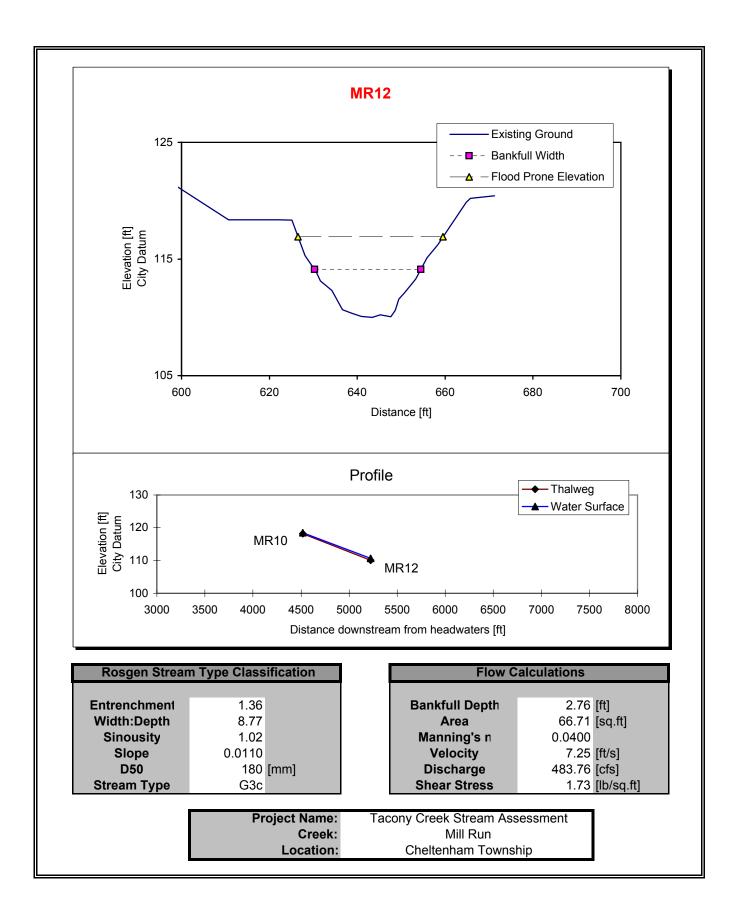


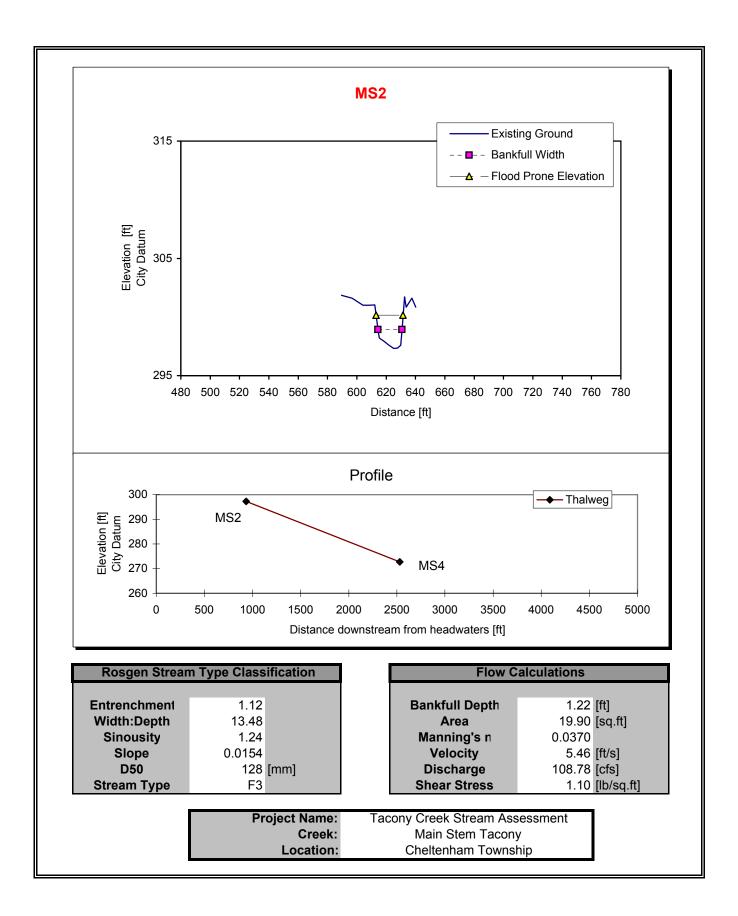


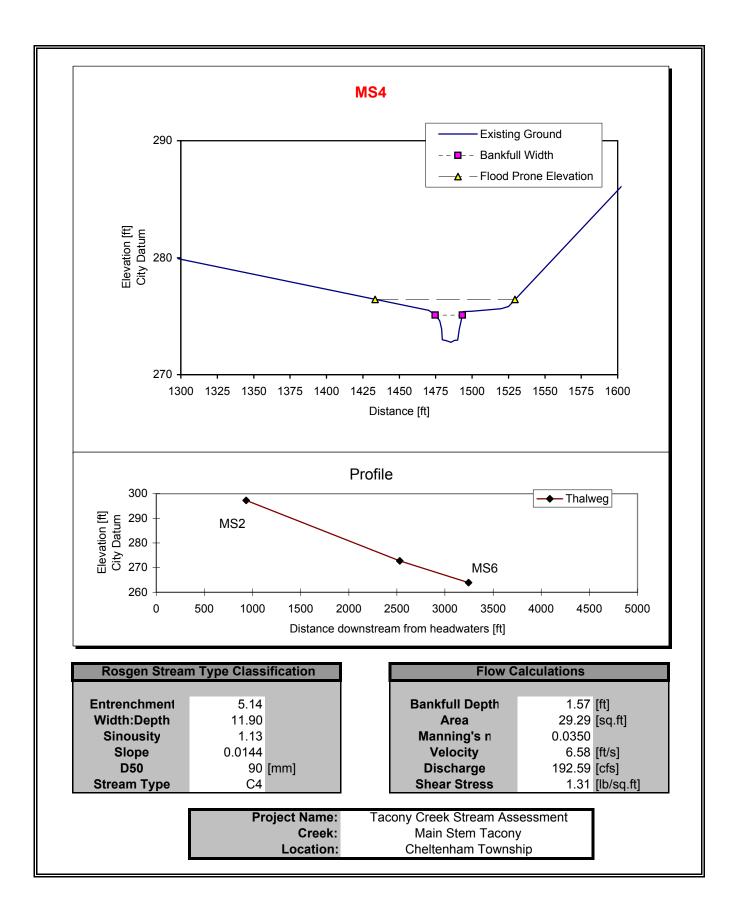


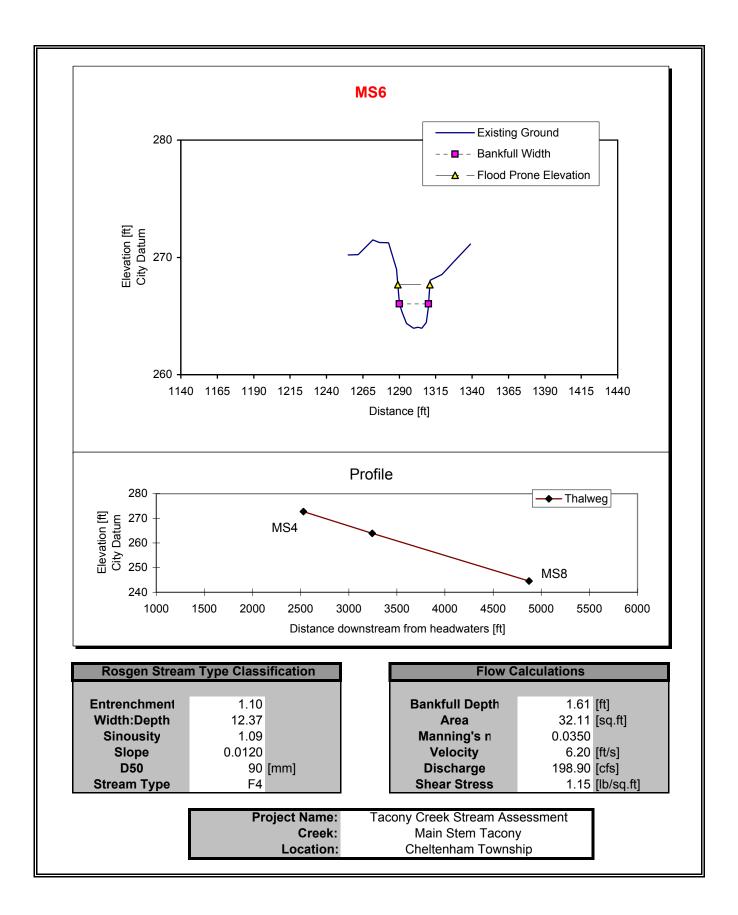


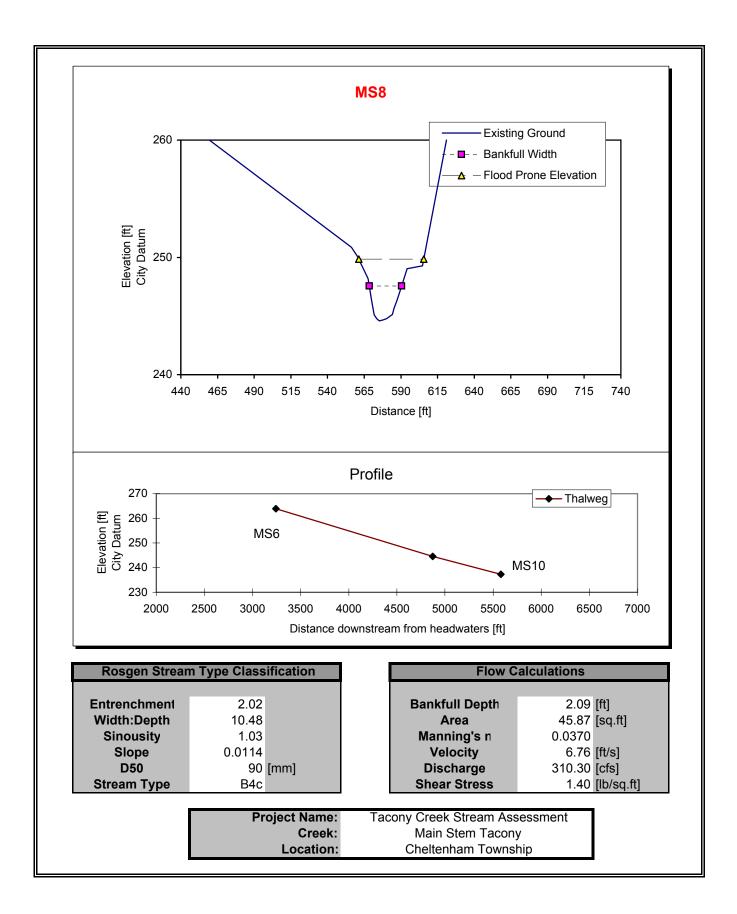


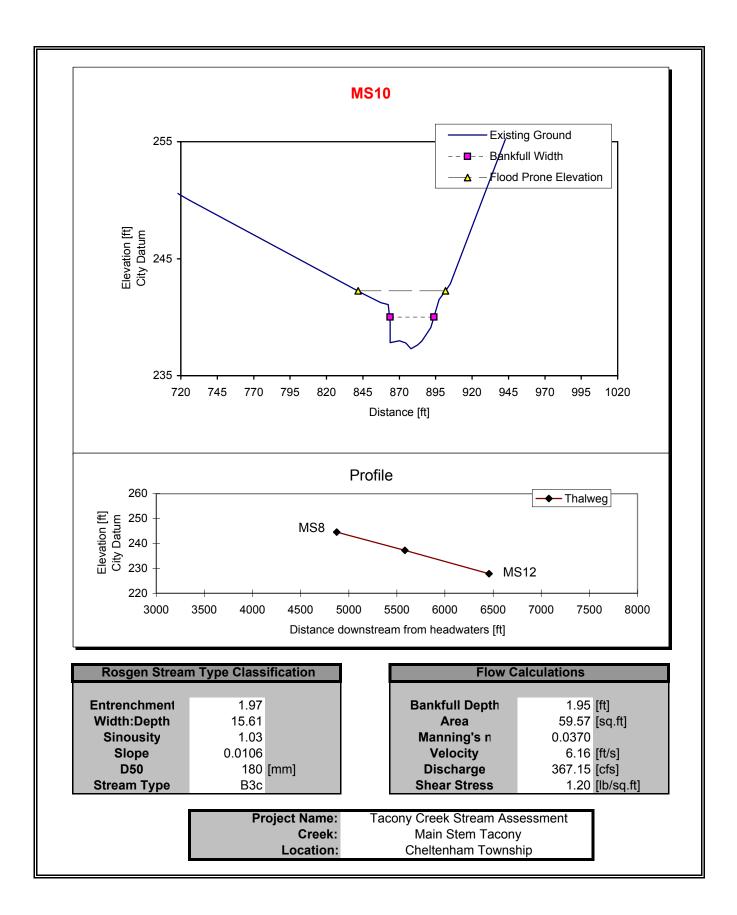


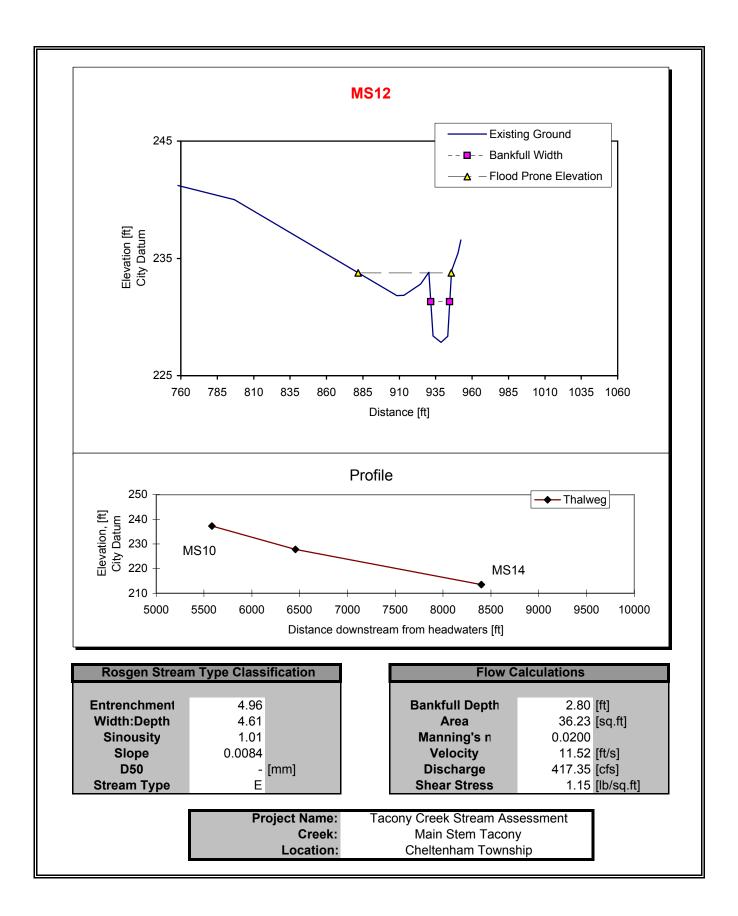


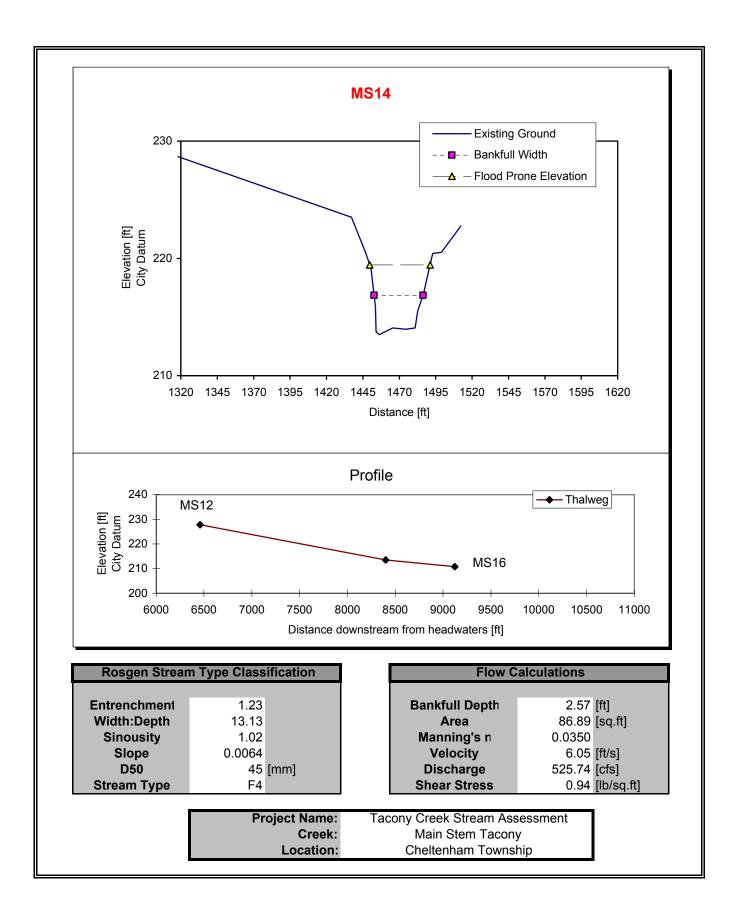


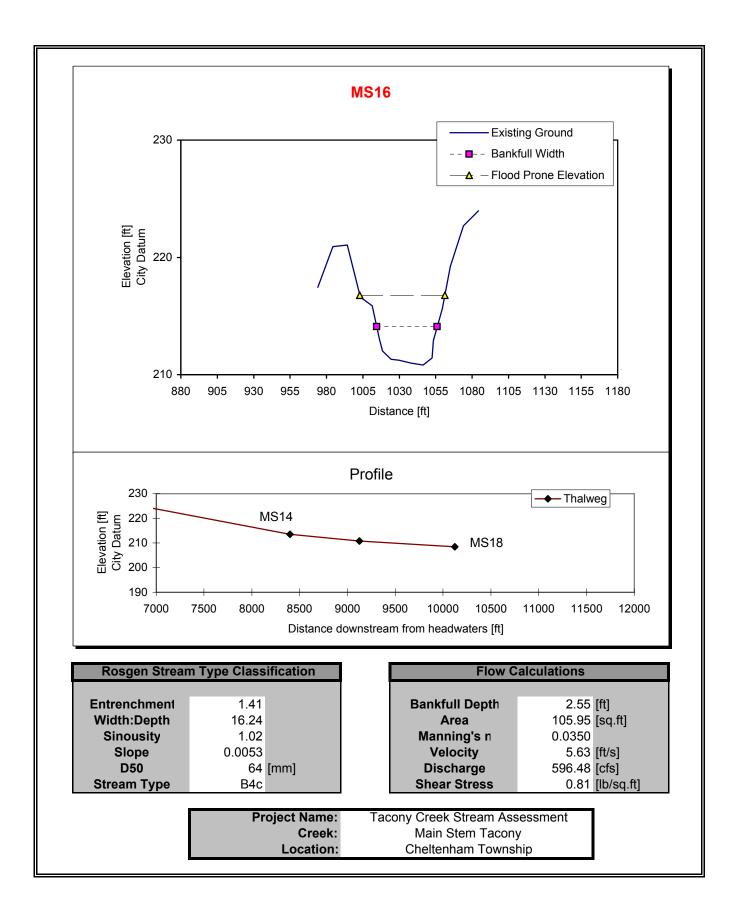


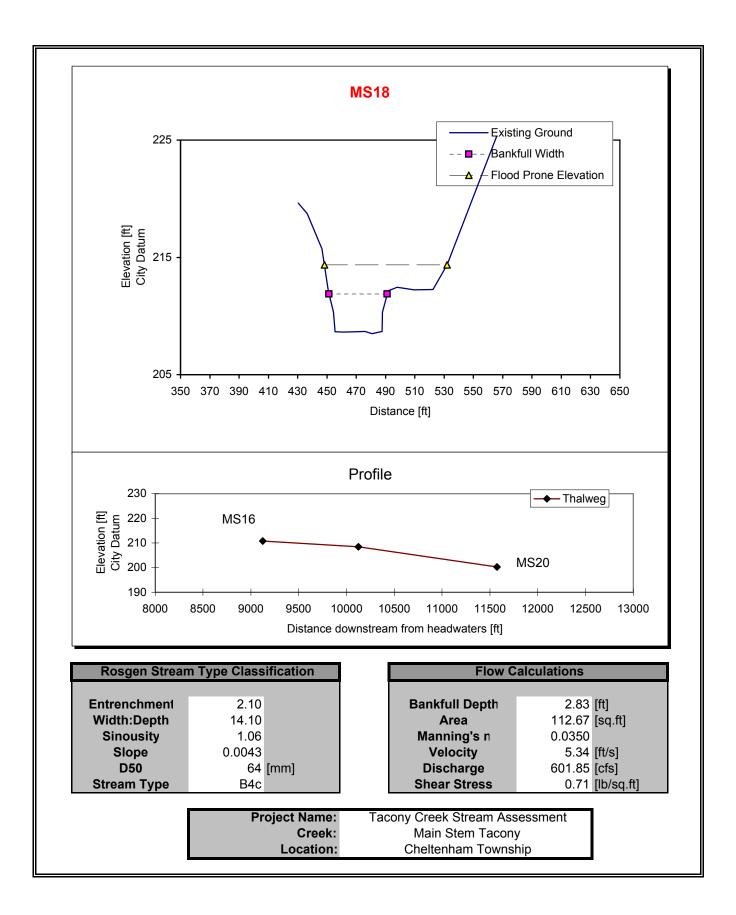


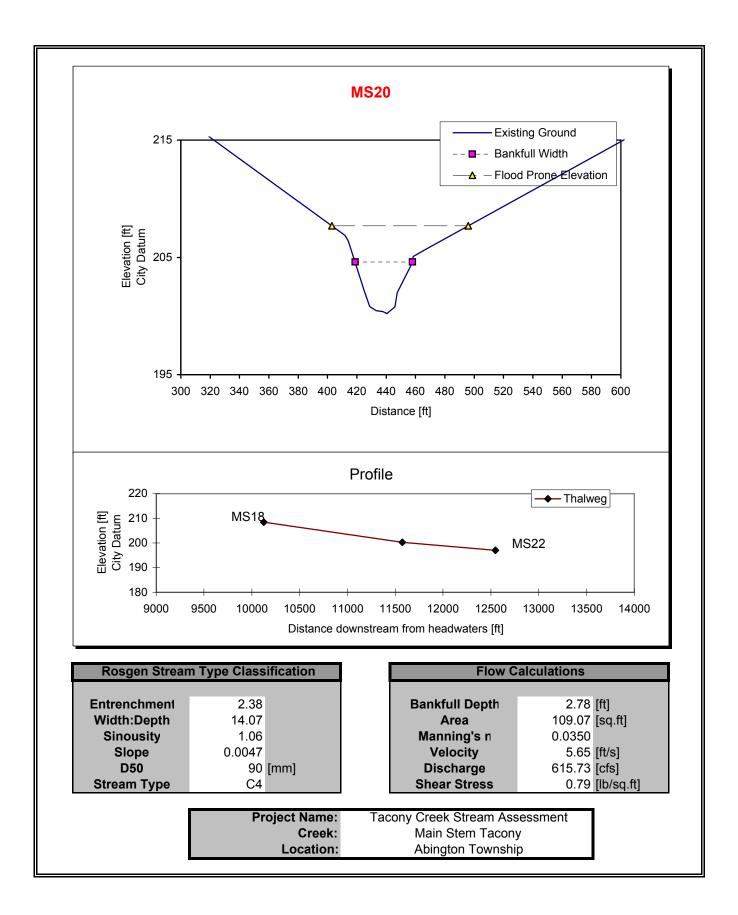


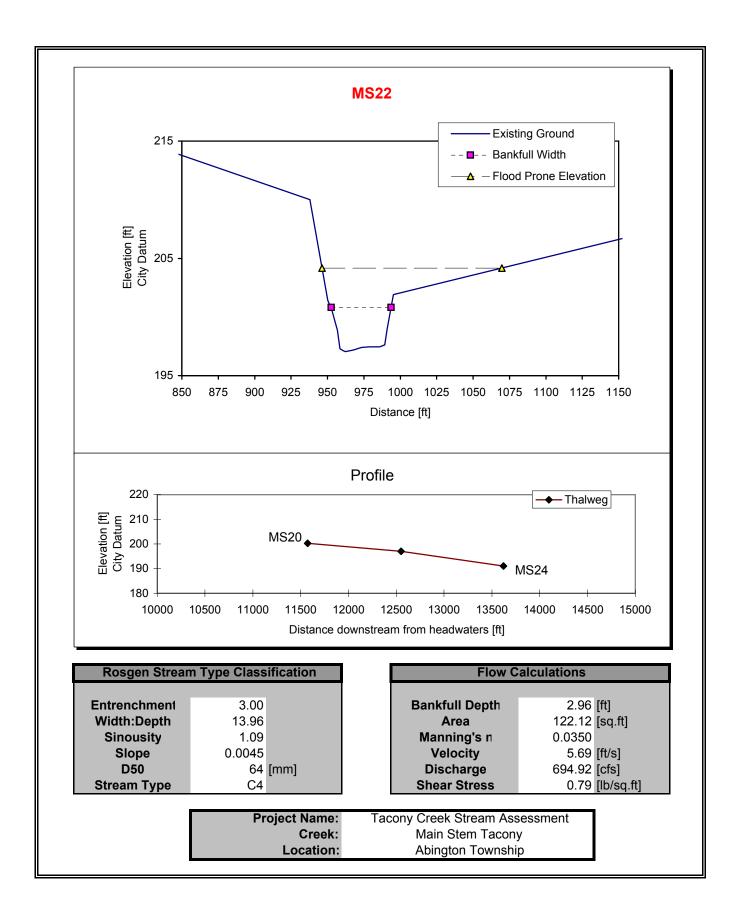


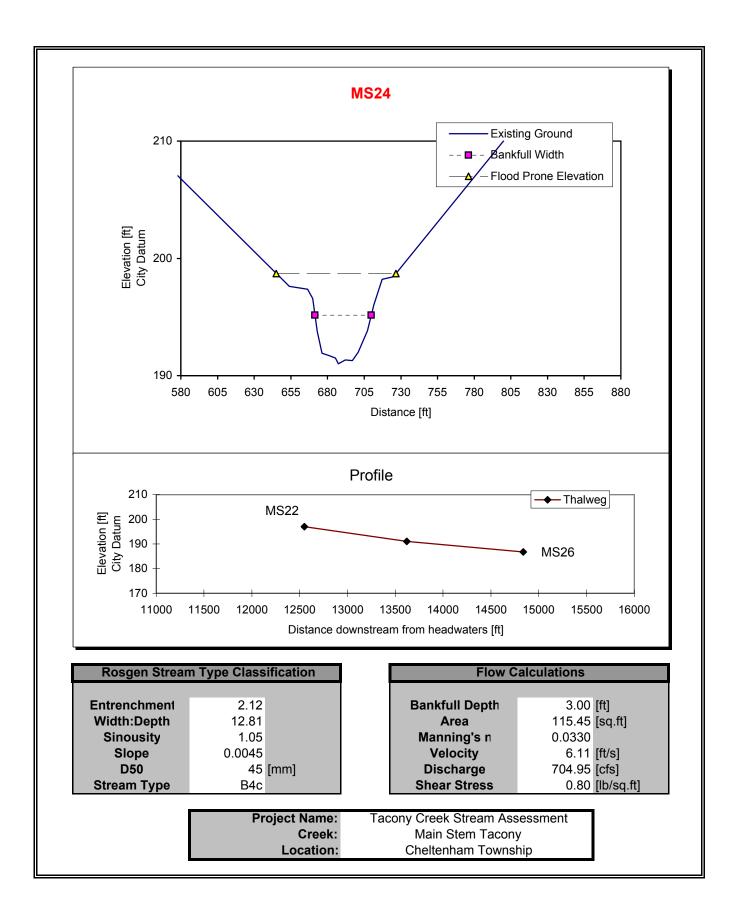


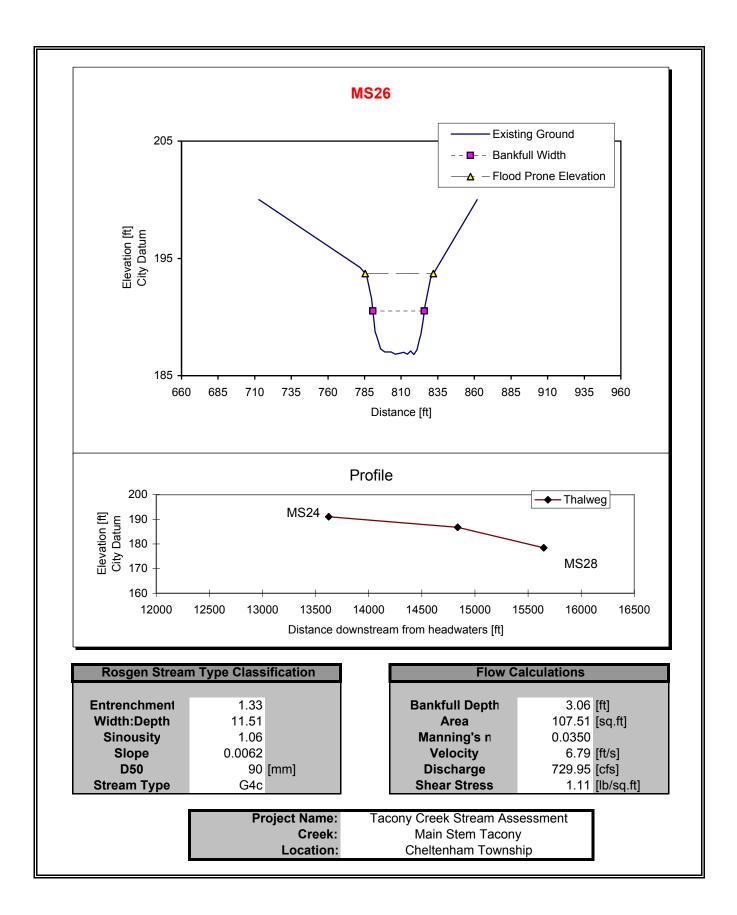


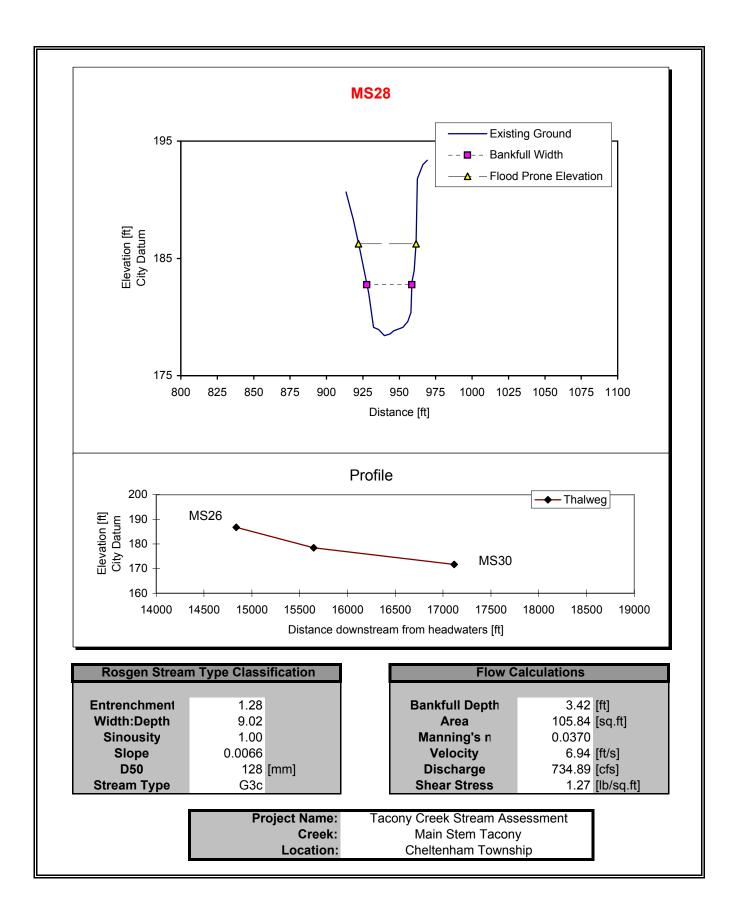


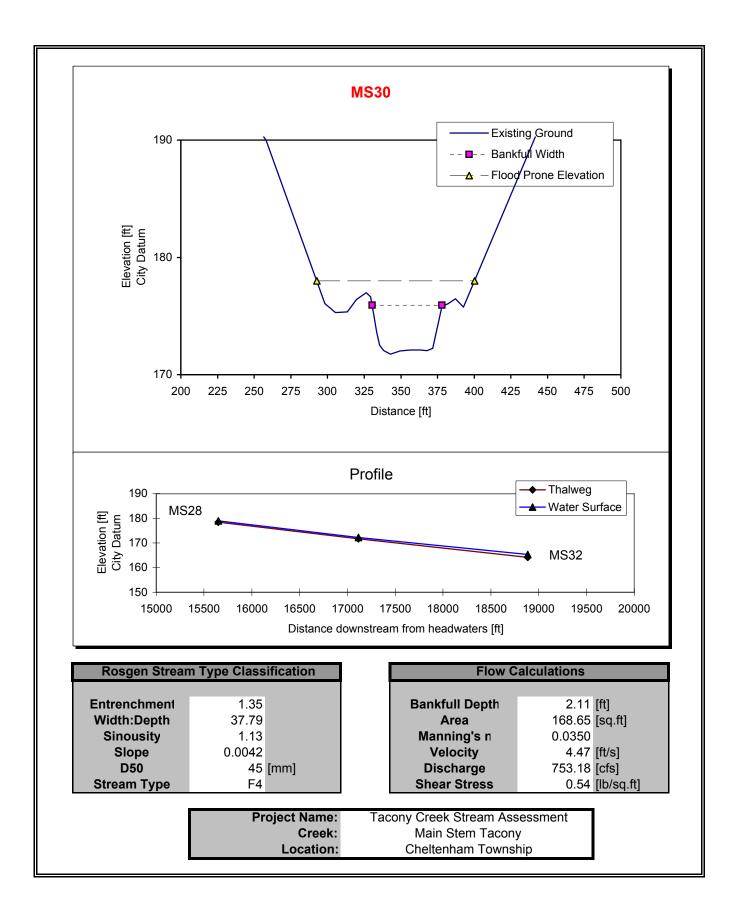


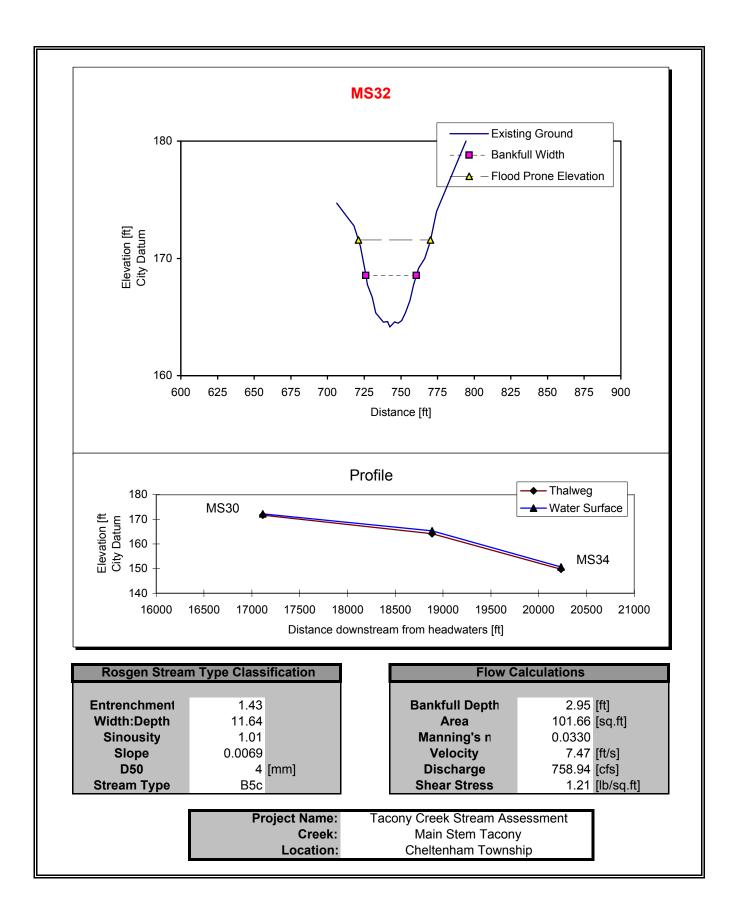


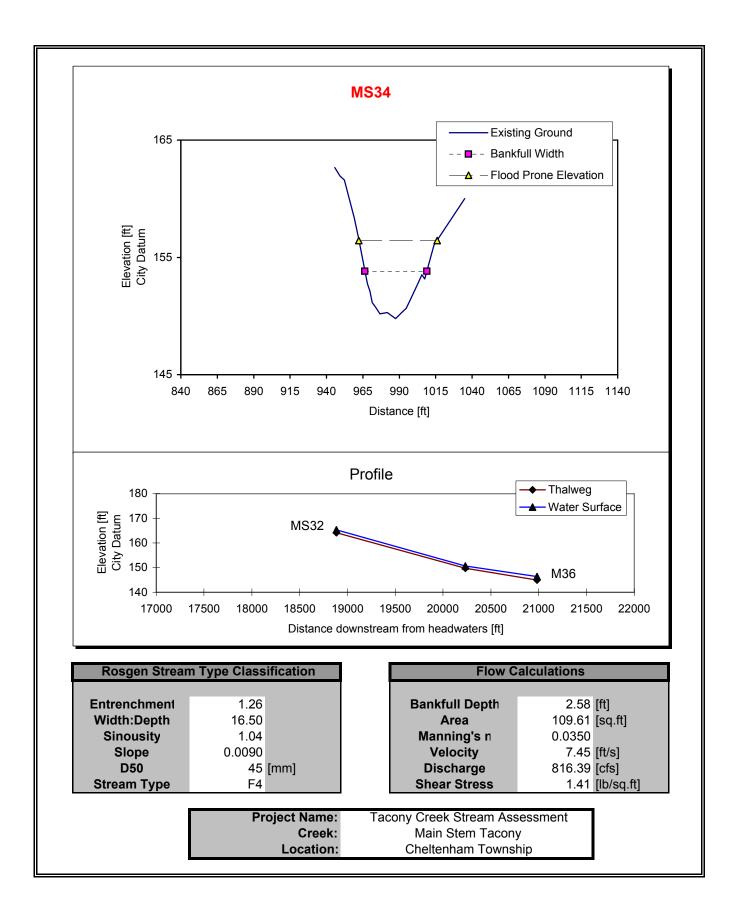


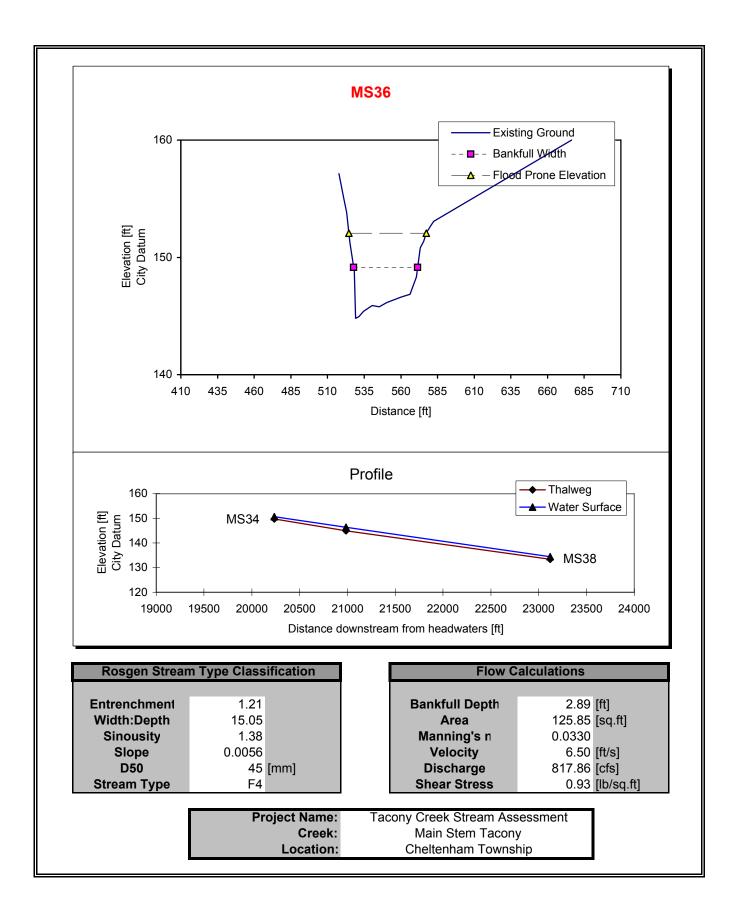


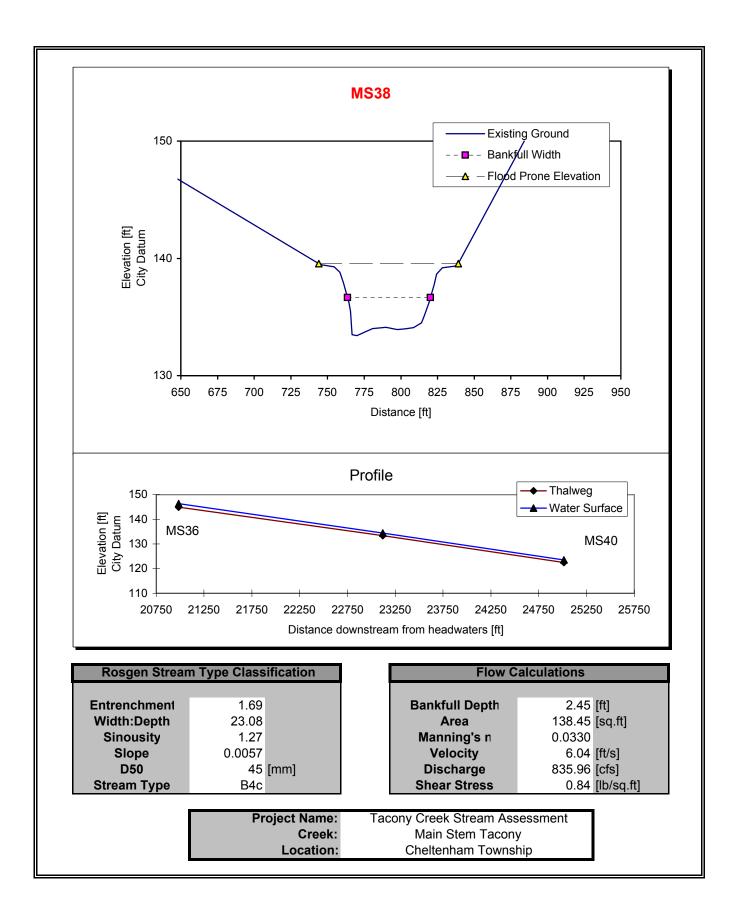


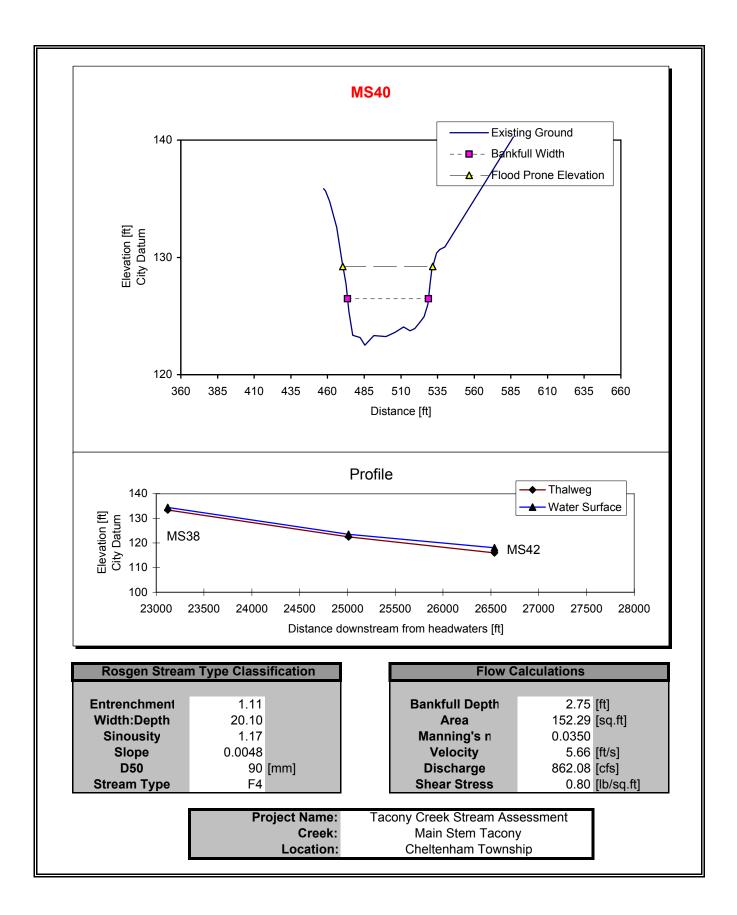


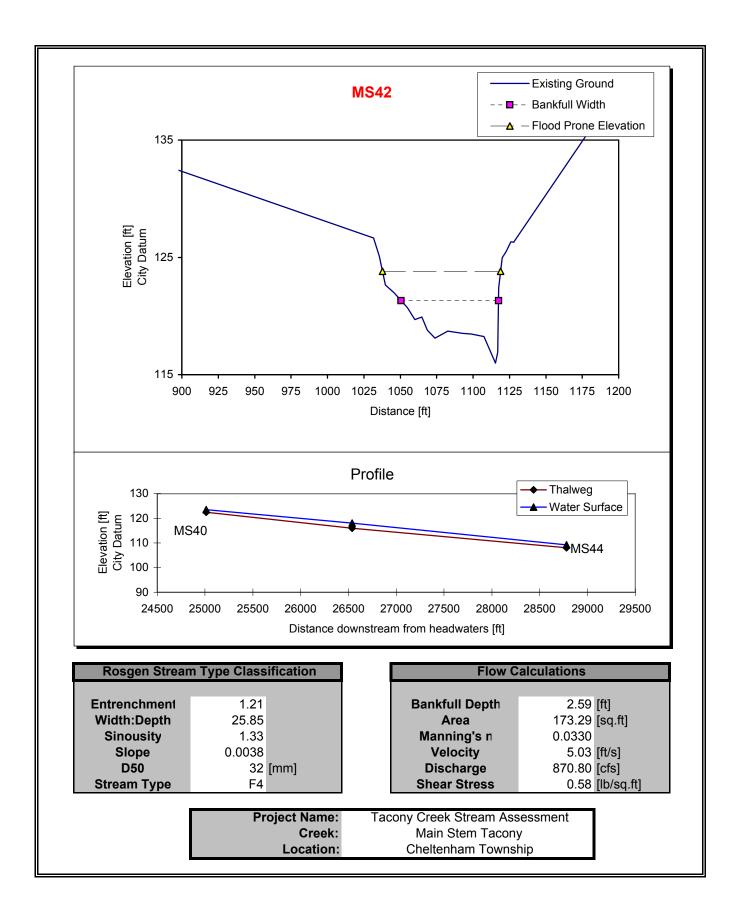


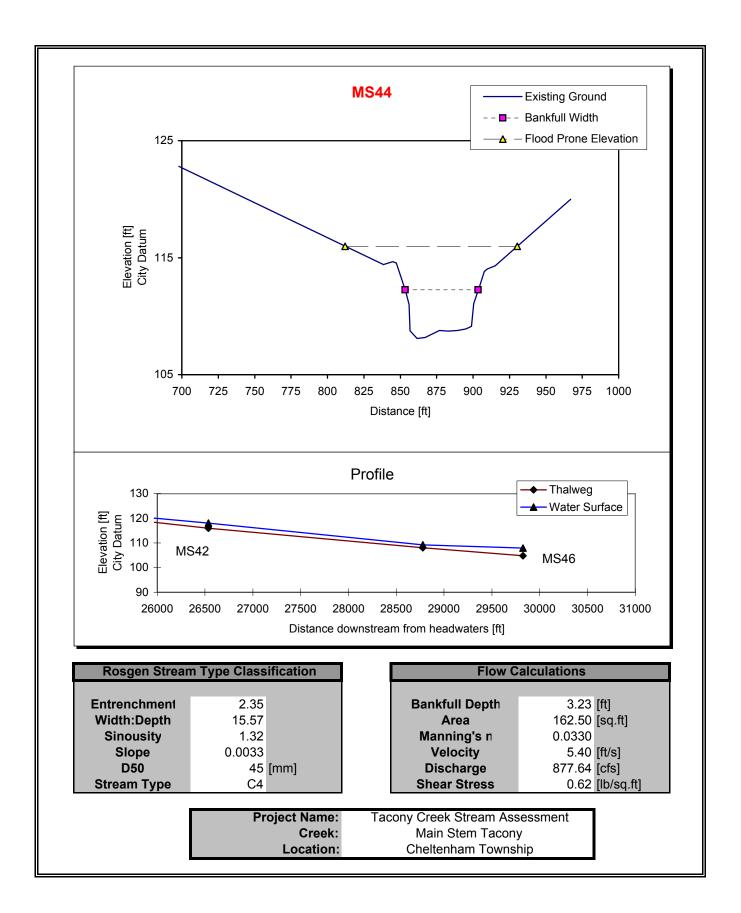


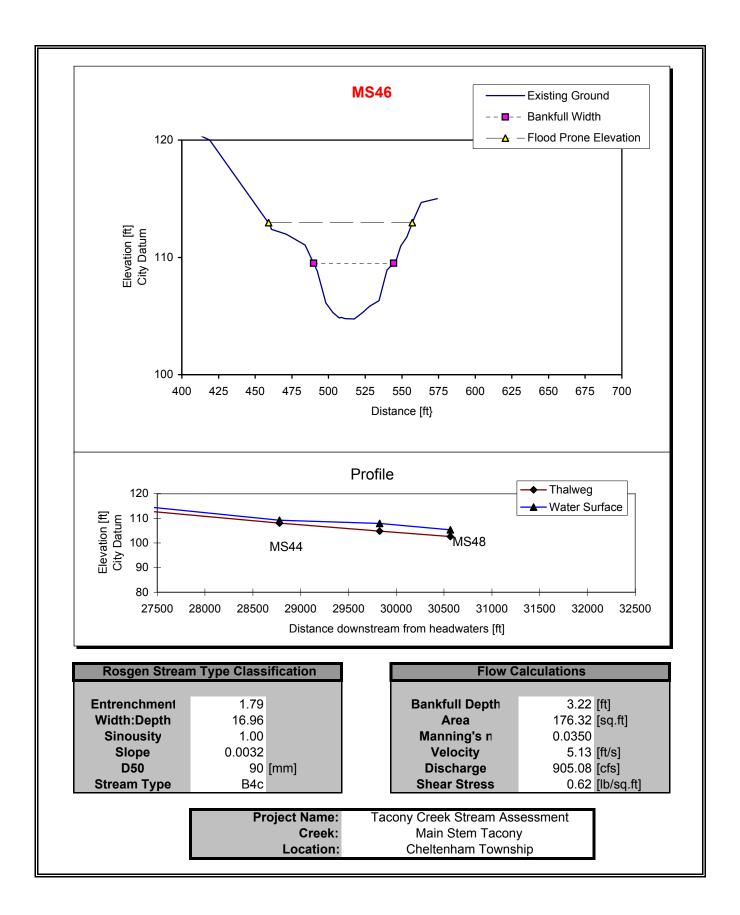


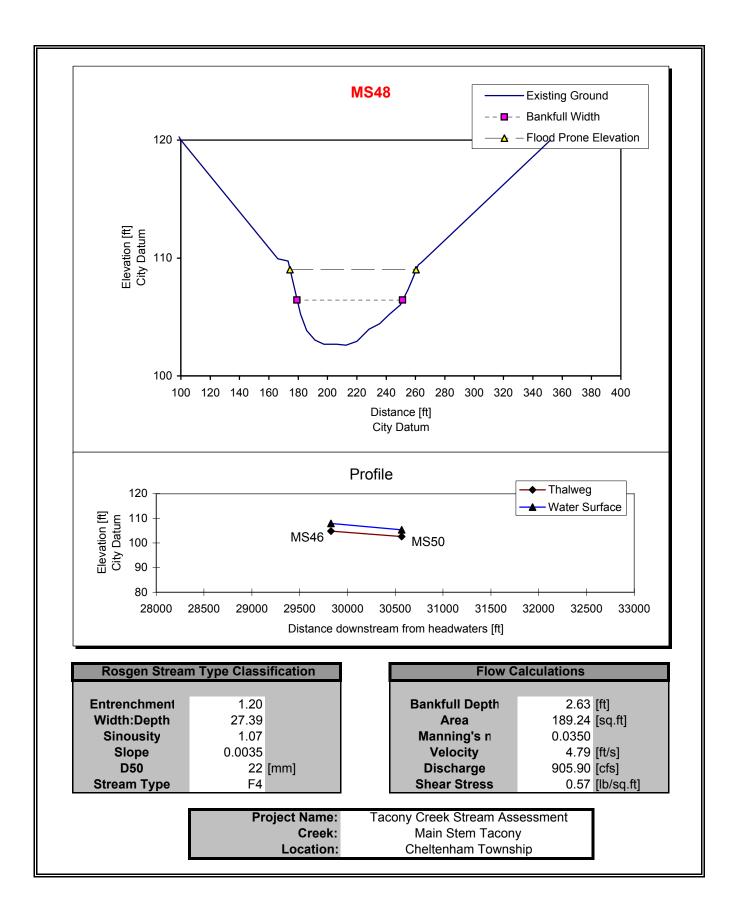


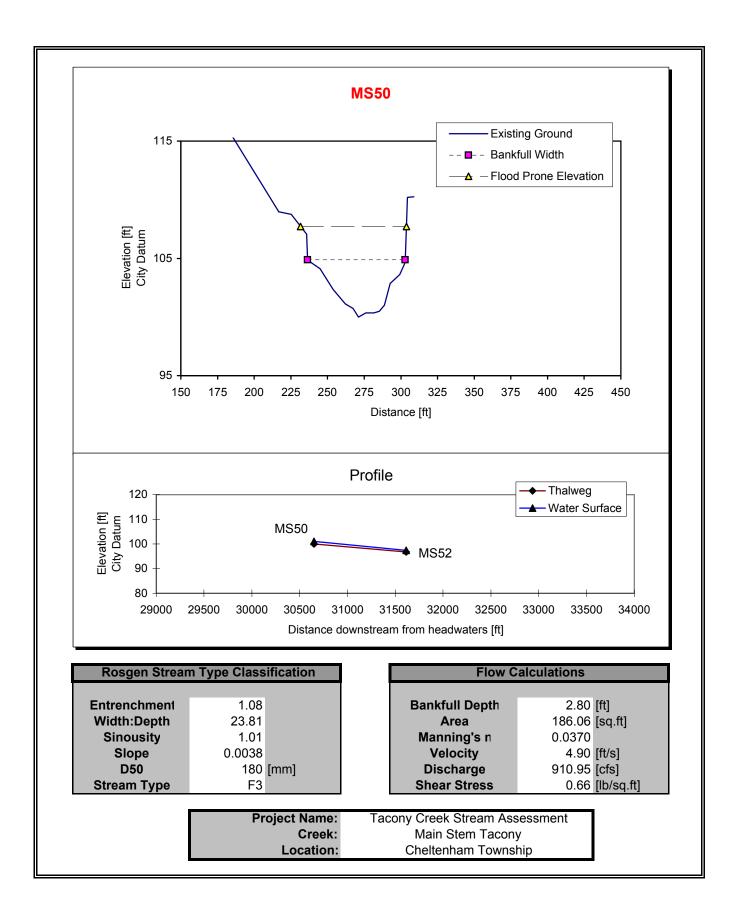


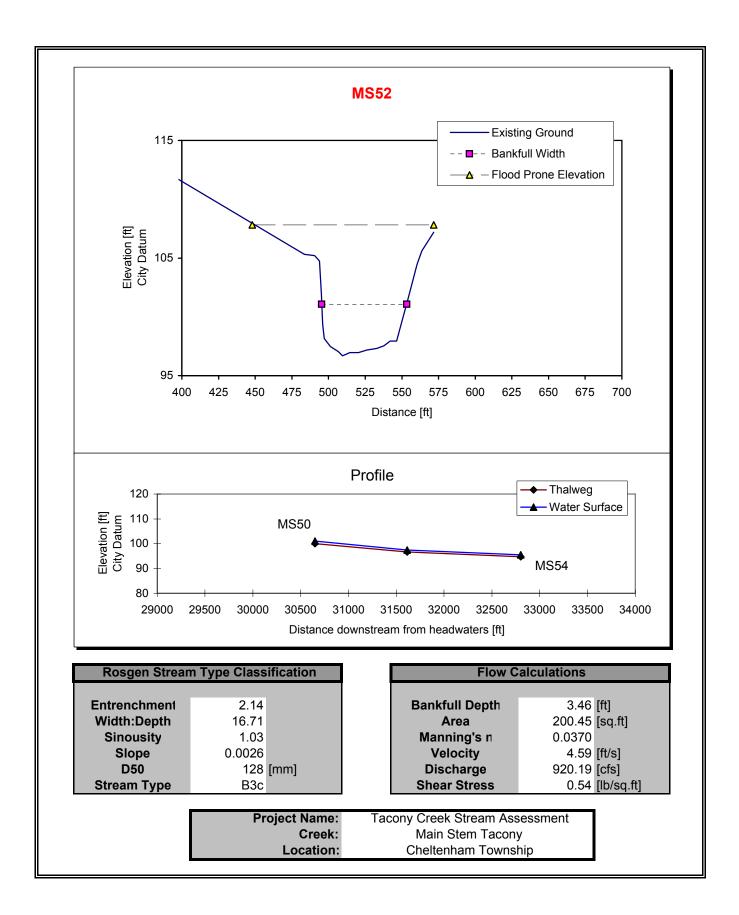


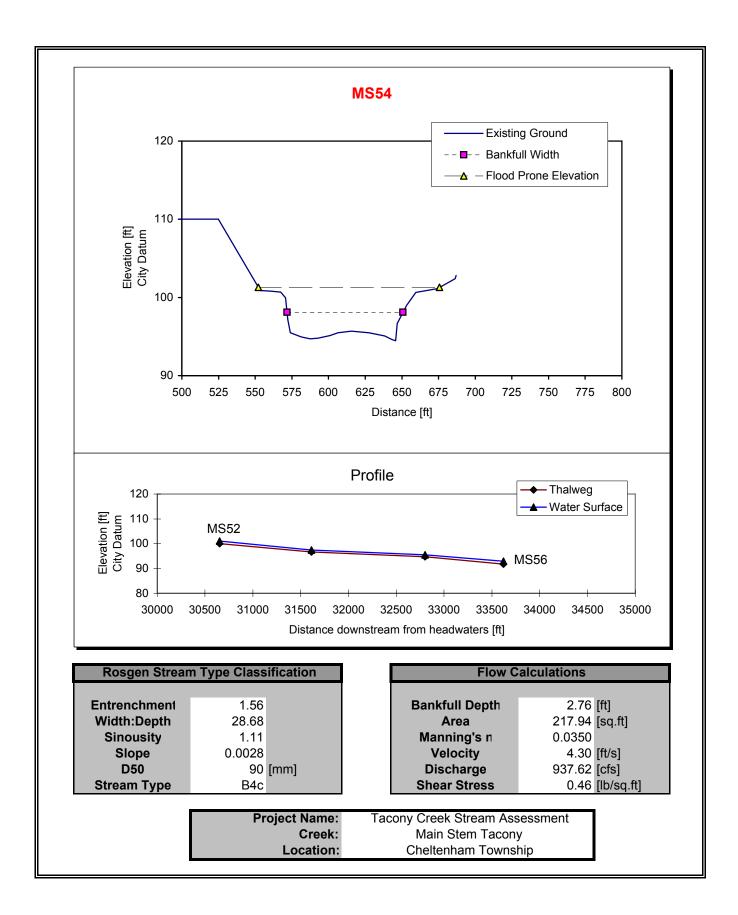


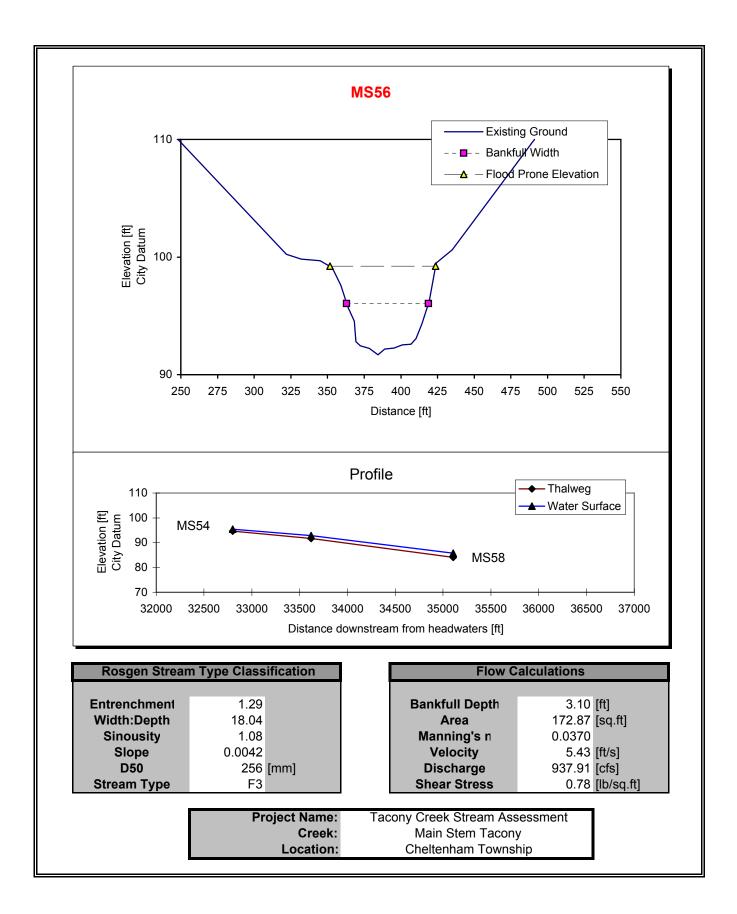


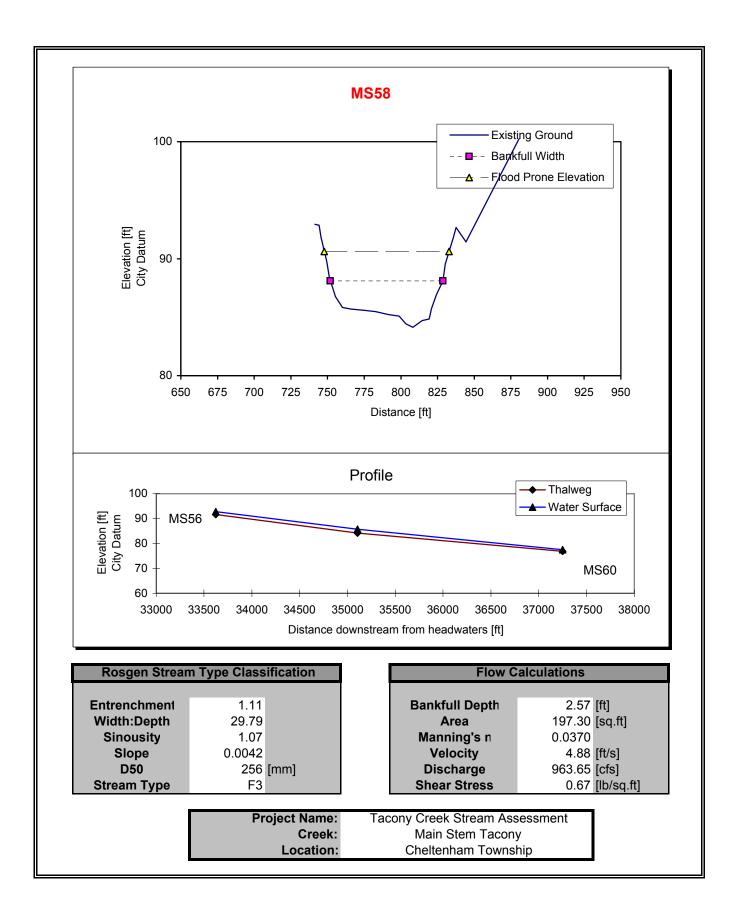


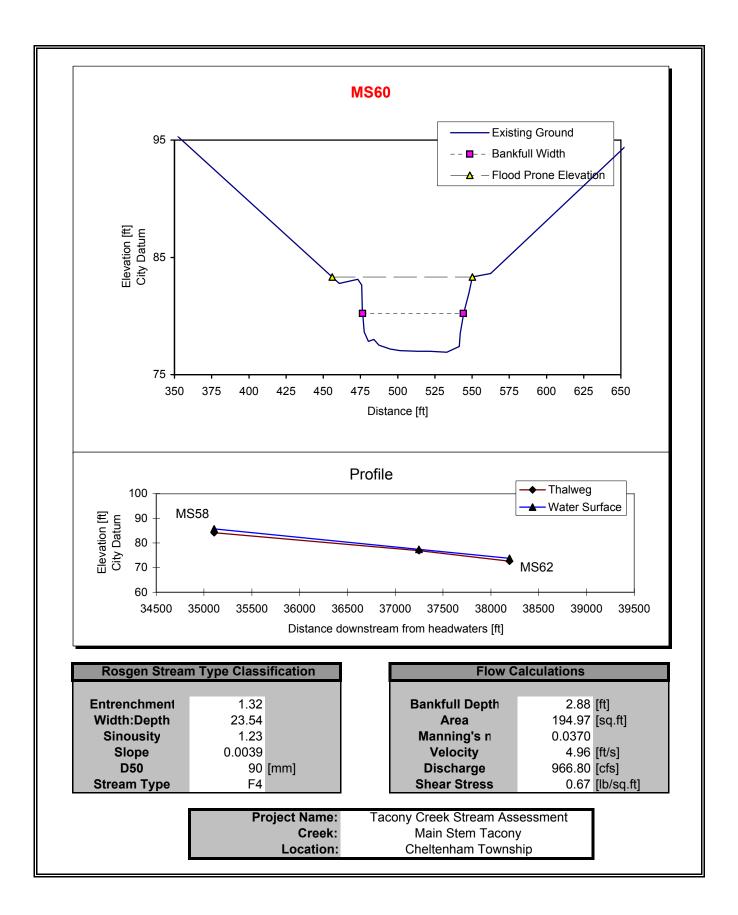


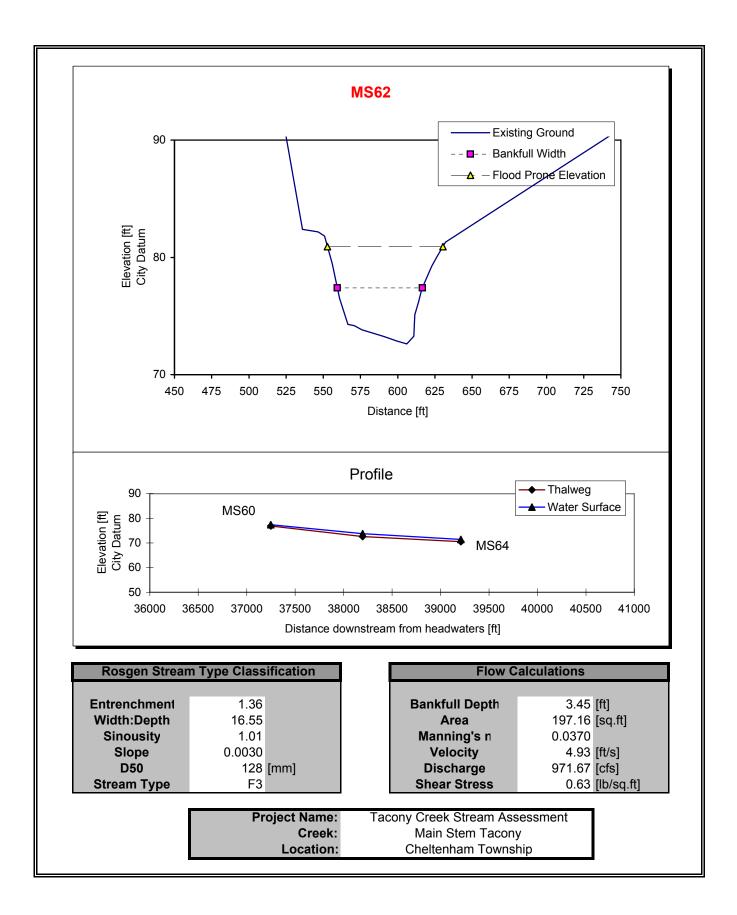


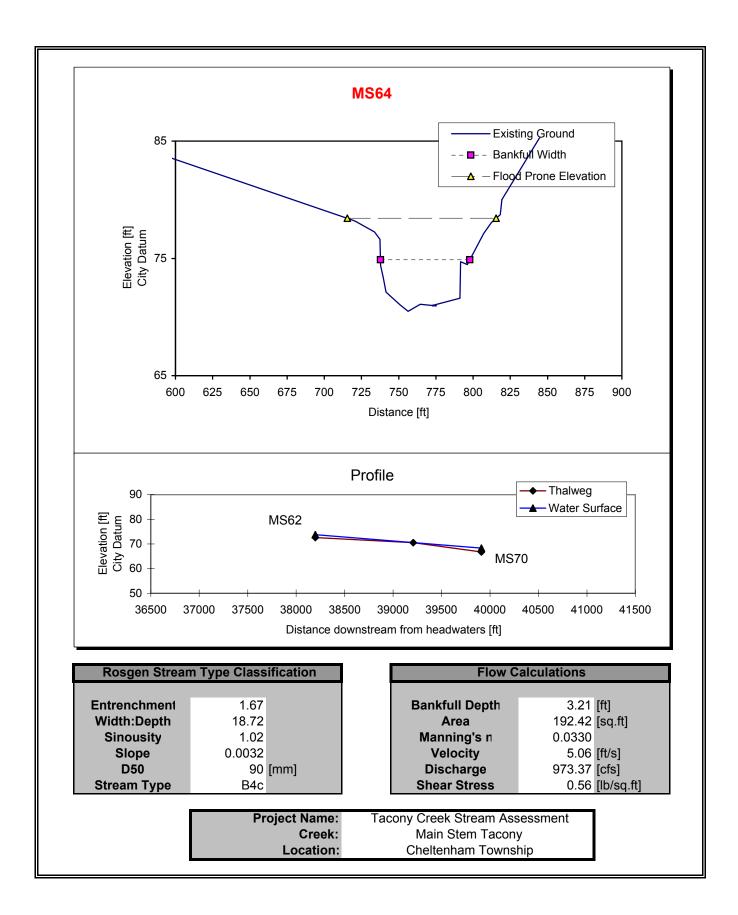


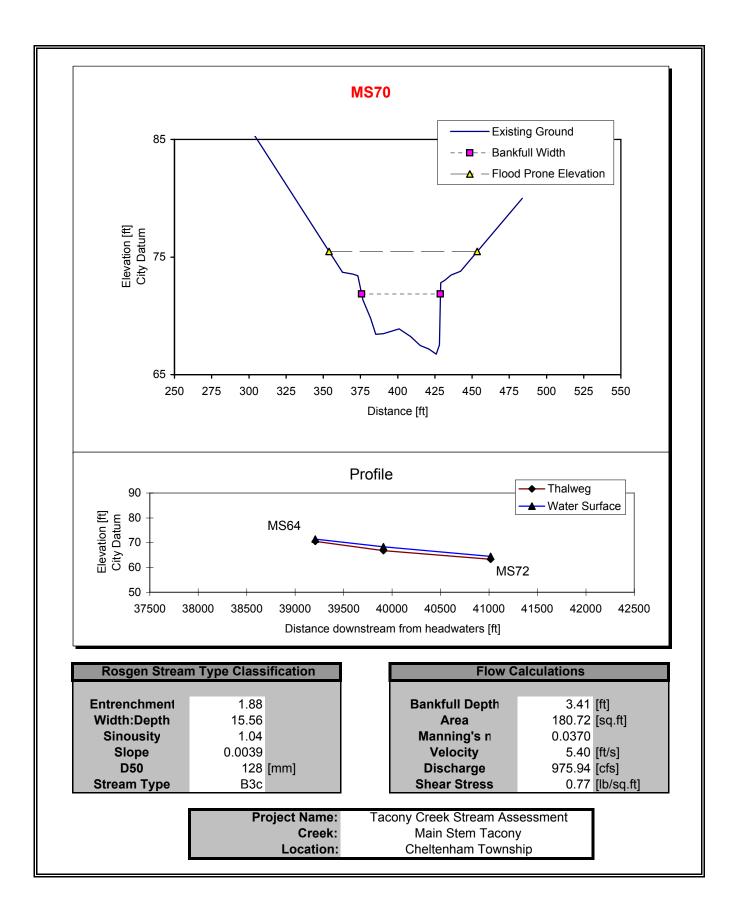


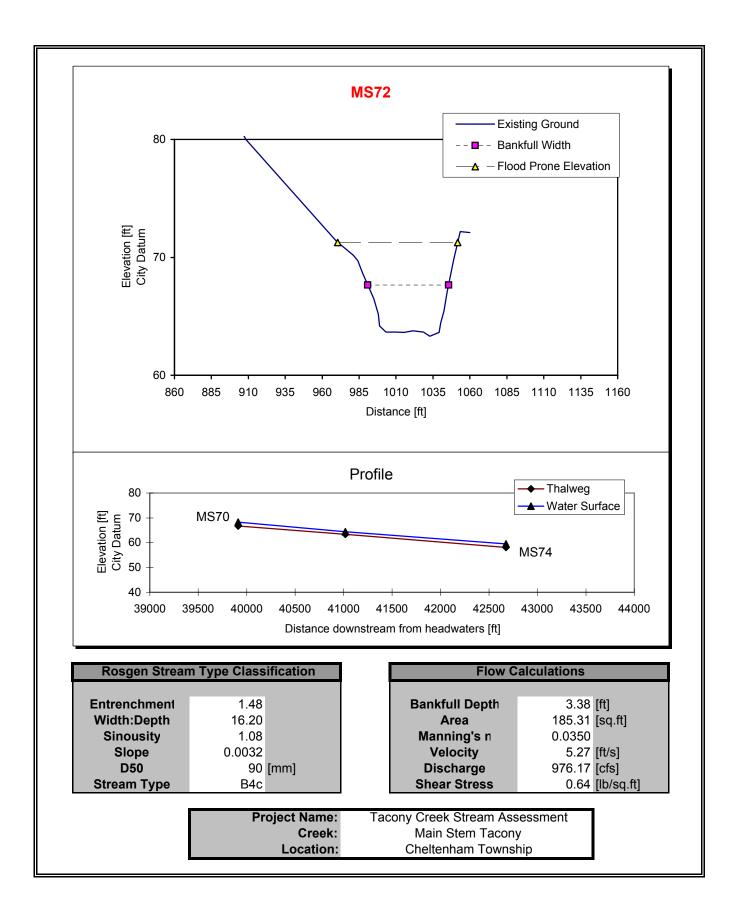


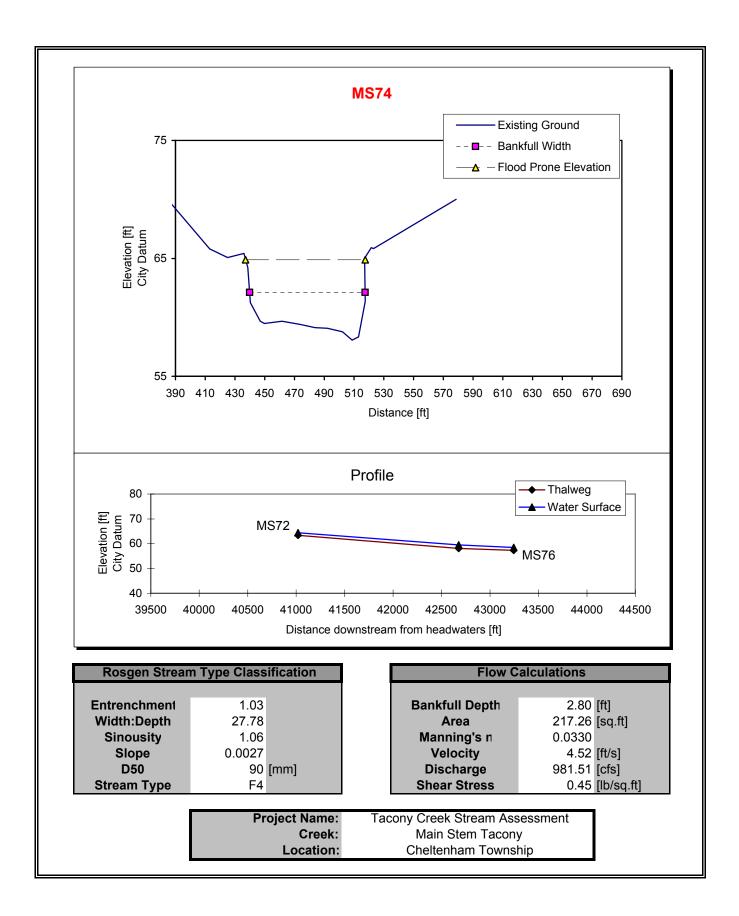


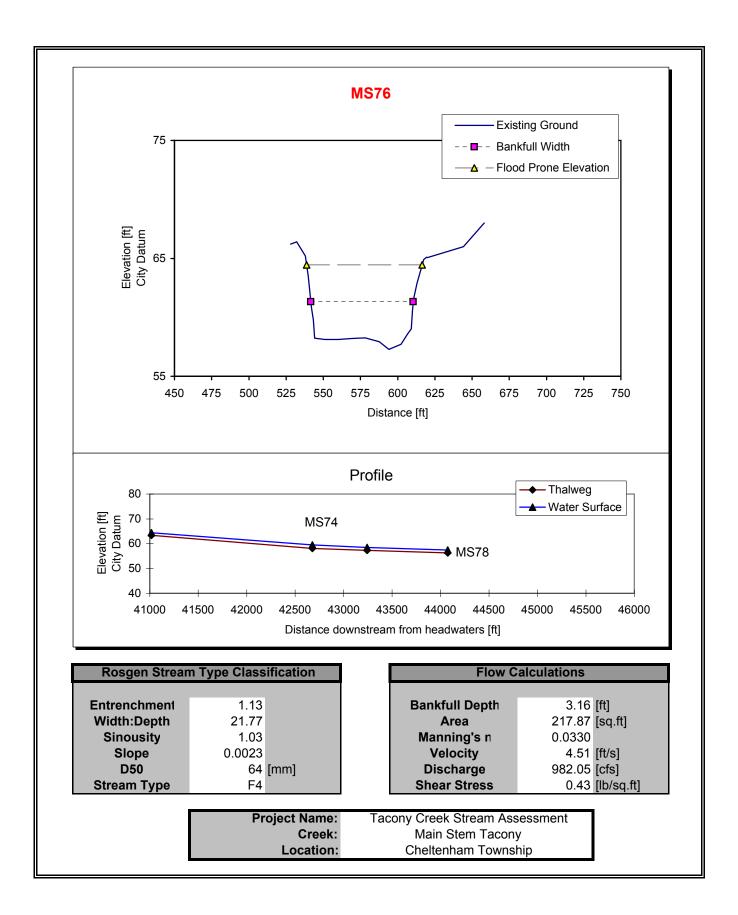


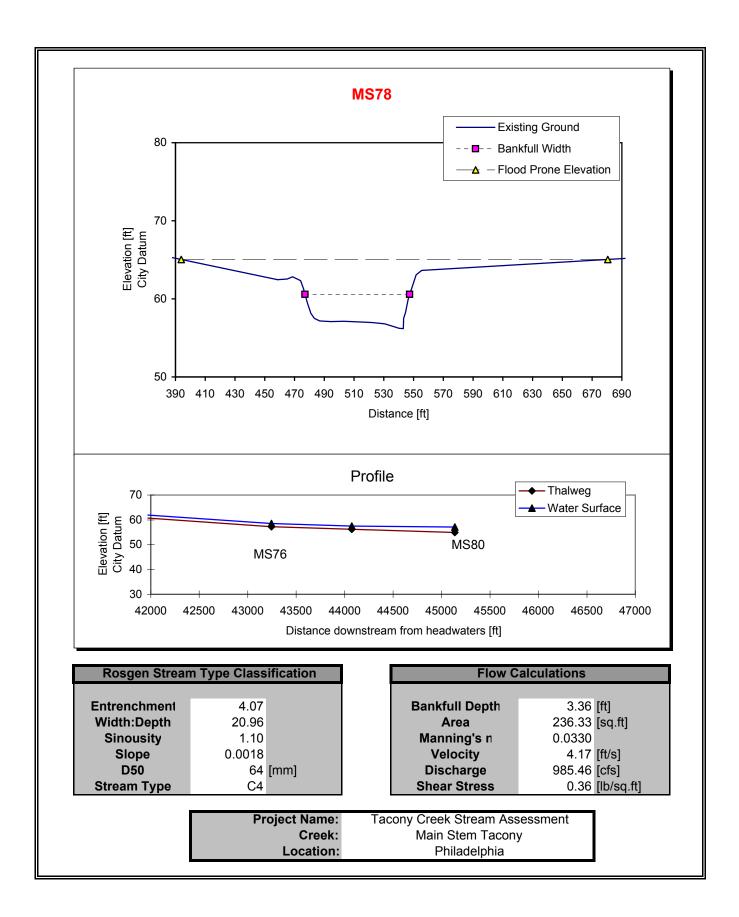


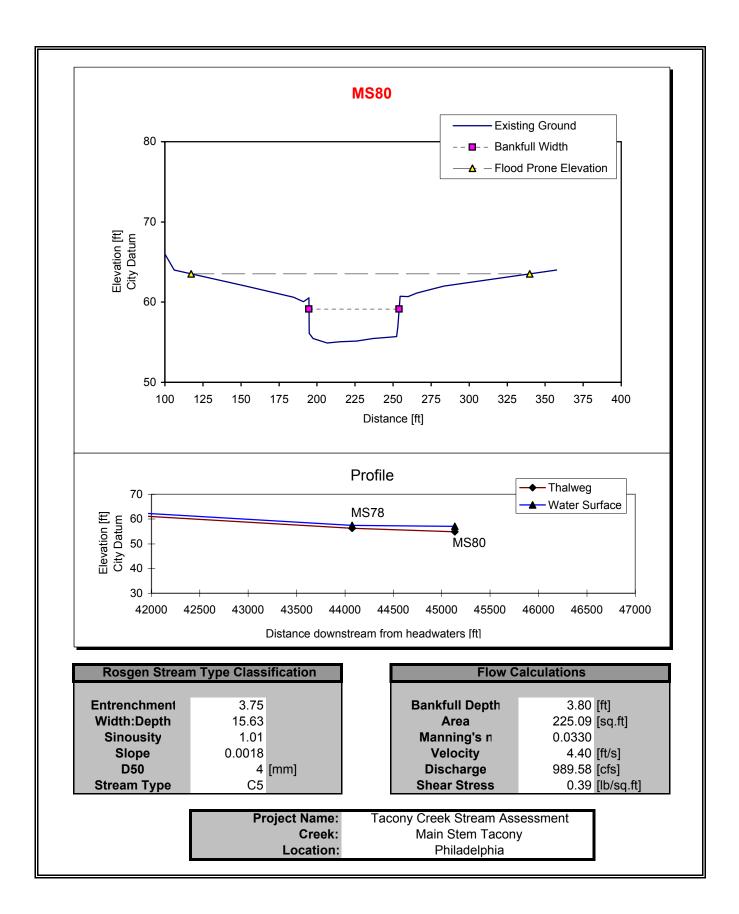


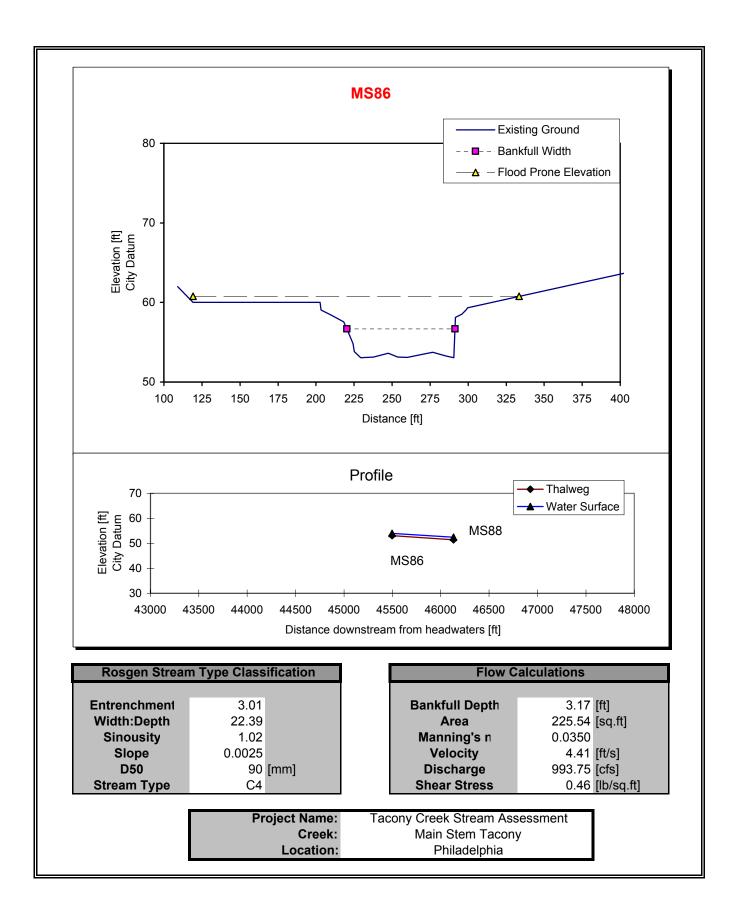


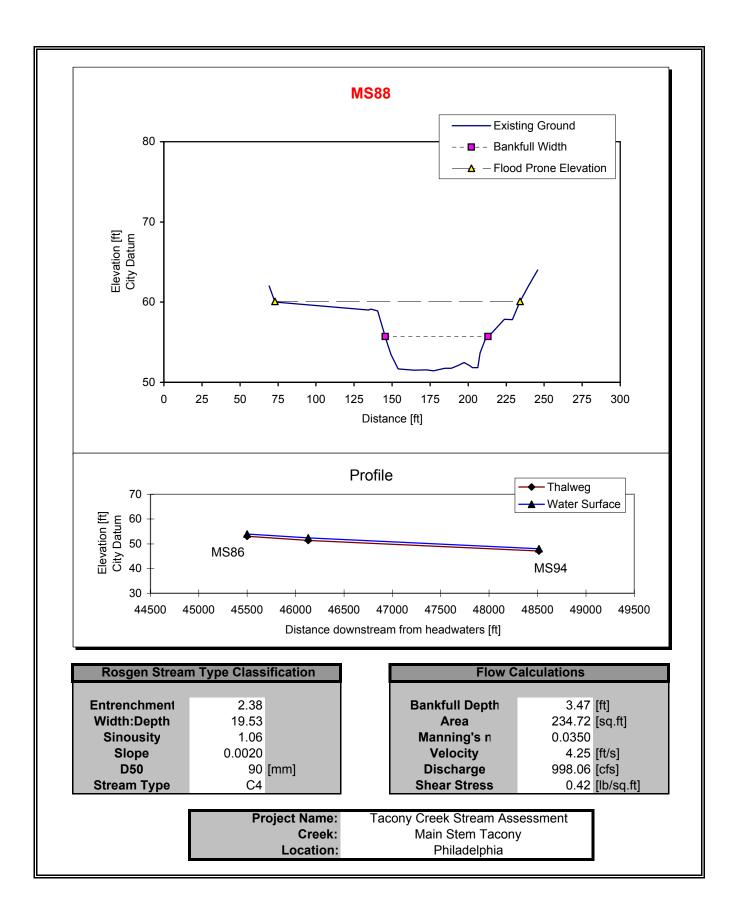


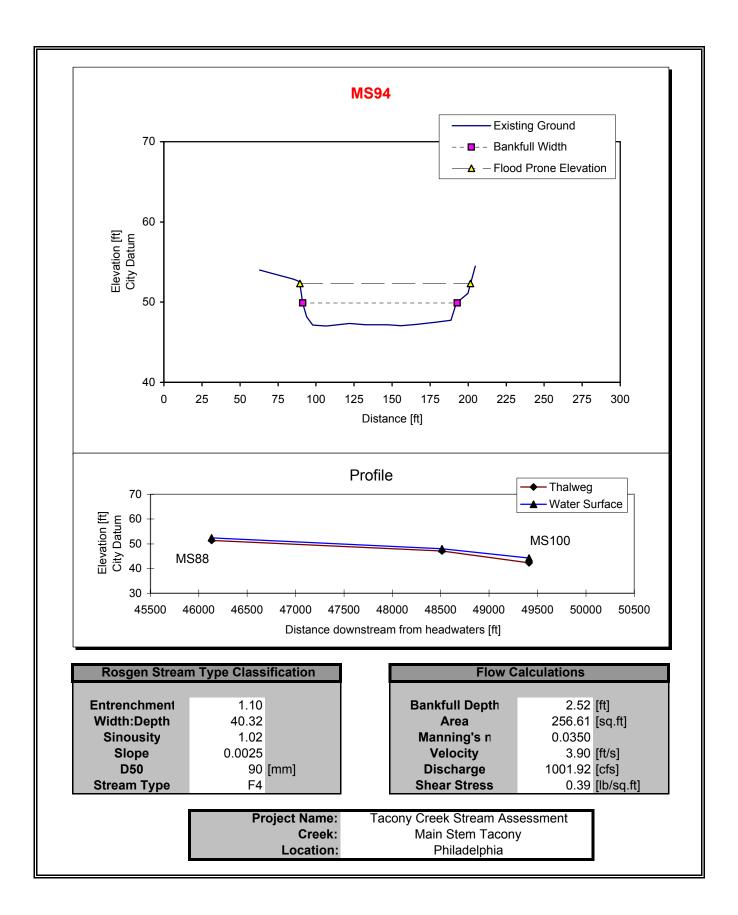


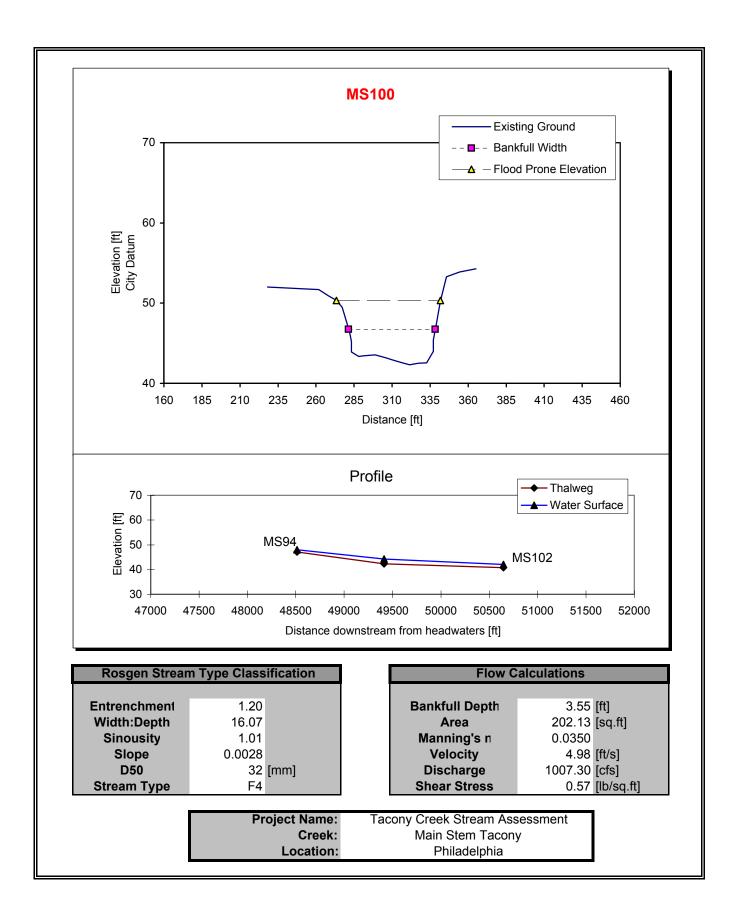


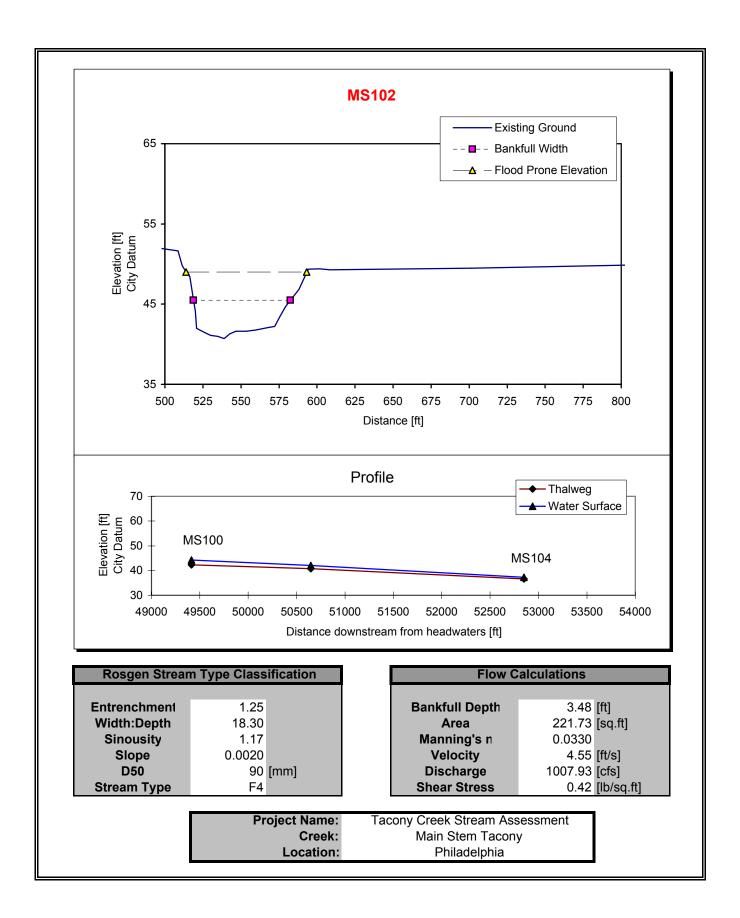


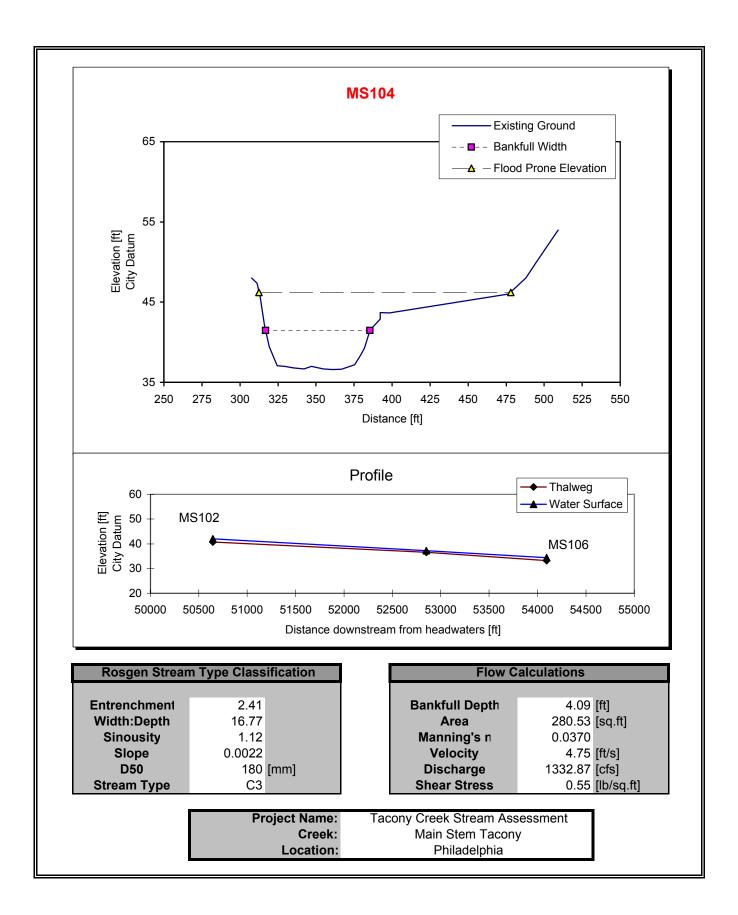


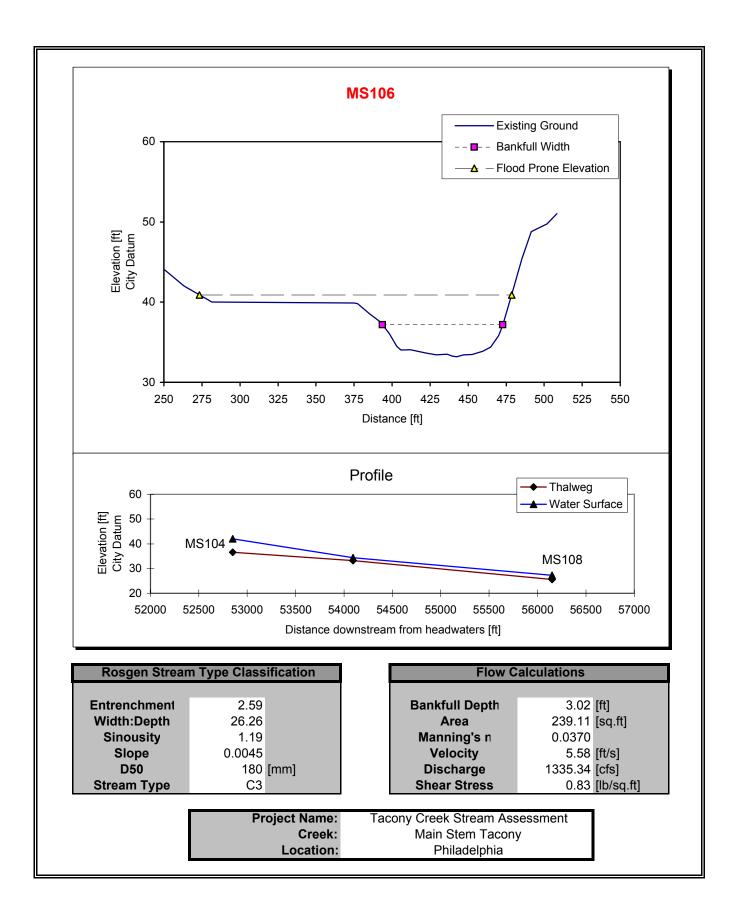


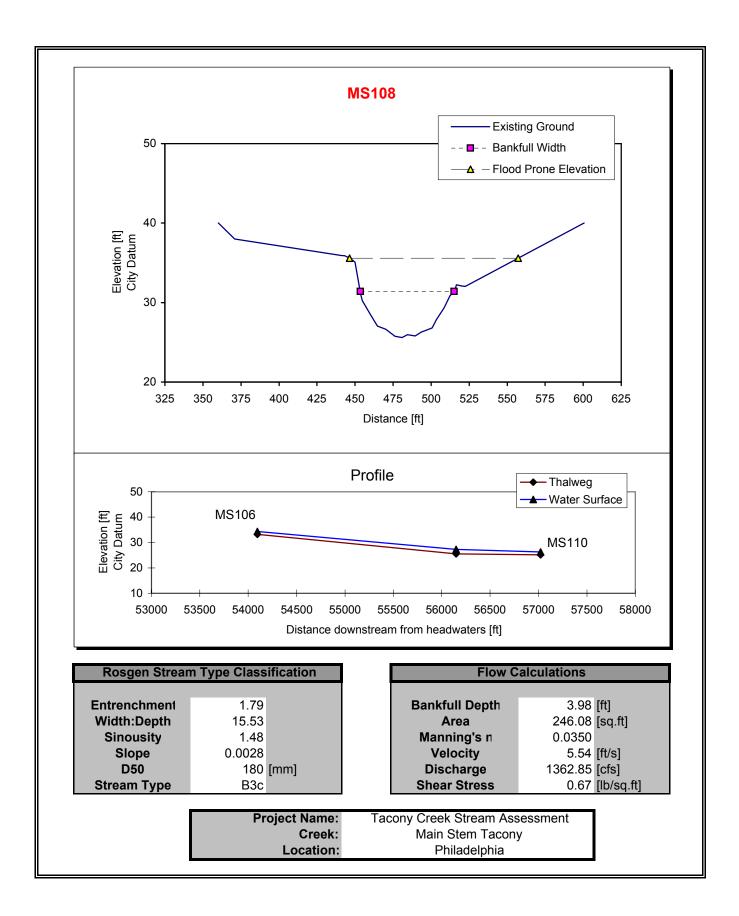


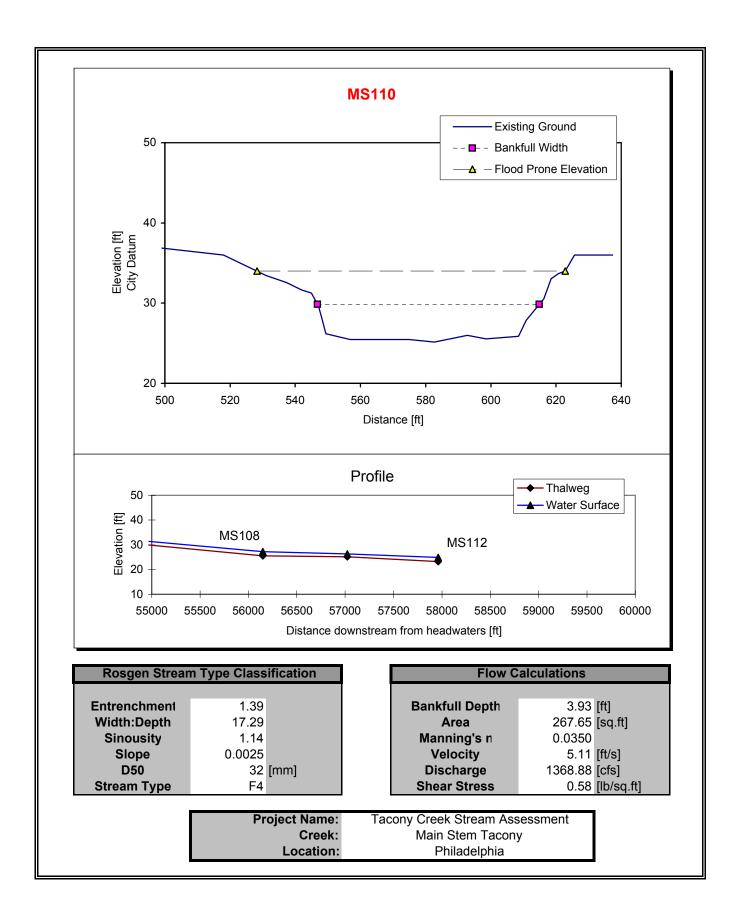


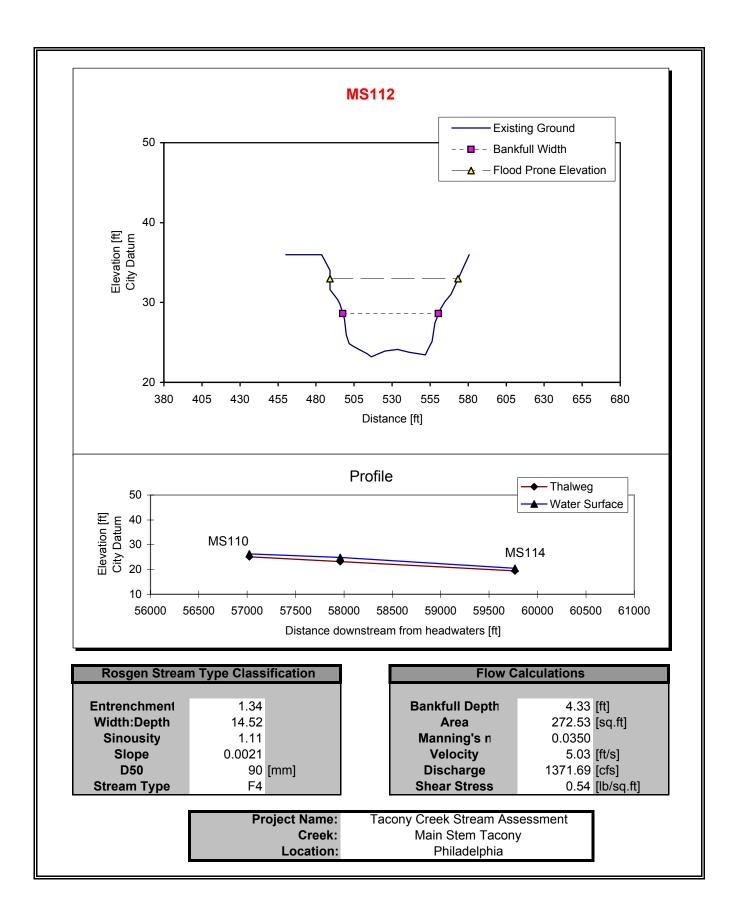


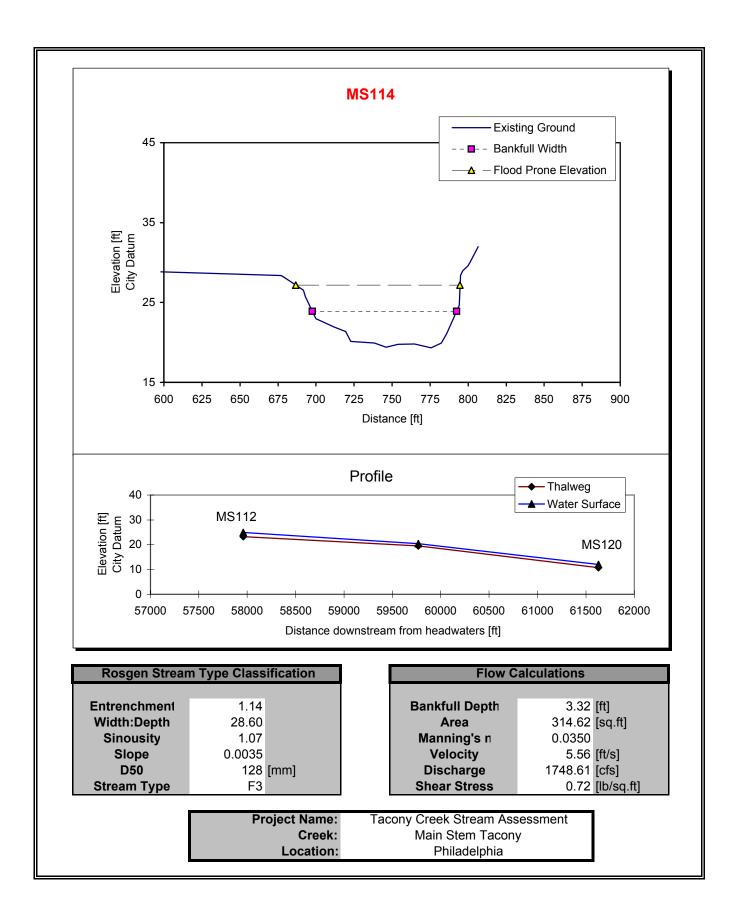


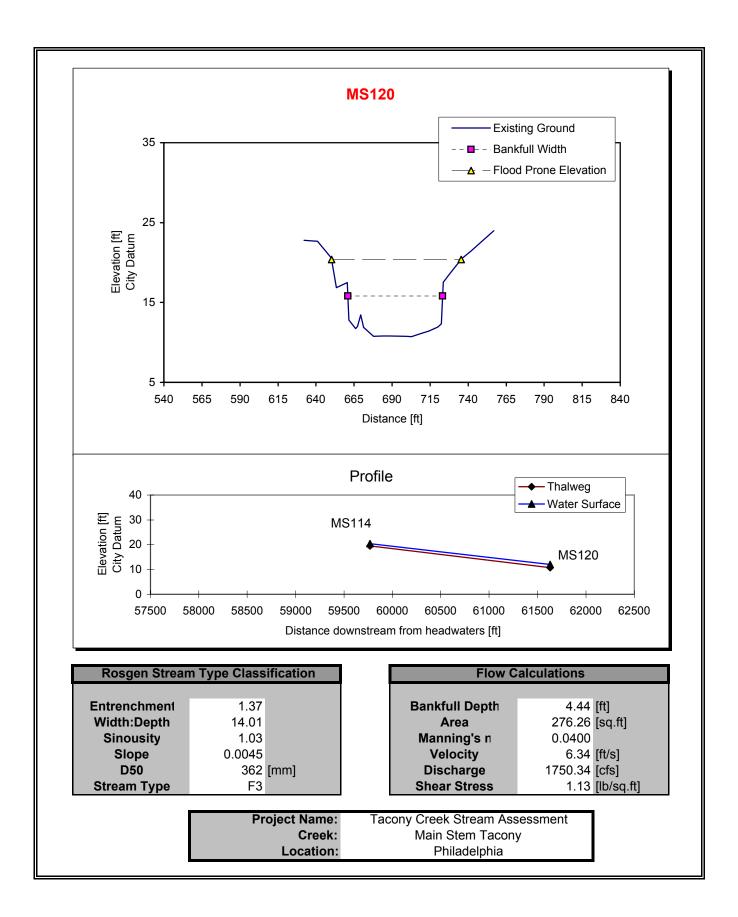












APPENDIX D – INFRASTRUCTURE ASSESSMENT Datasheets

Infrastructure Legend

- ^B Bridge
- © Confluence
- Dam
- 🕚 Manhole
- Outfall
- Pipe
- Channel
- Culvert

D					
R	Total Score		Ţ		A2
Α		83 / 155	I		
Ν	Stability Score	52 / 100	N		A to Tookany Creek
K	Habitat Score	31 / 55	F	300 ft E of Tookany Creek Pky & Old Soldiers Rd	
Ι	Priority In Shed	15 /102	Ο	Cheltenham Township	
Ν	Priority In Tributary	1 /1			
G			•		
S			S	Dams - # within reach	0
т	Upstream Drainage Area	0.41 (mi ²)	т	Pipes - # within reach	0
A	Reach length	2335 (ft)	R	Bridges - # within reach	0
T	Distance to US XS/Headwaters	1985 (ft)	U	Outfalls - # within reach	3
I	Distance to DS XS/Confluence	404 (ft)	C	Manholes - # within reach	3
S		• •	СТ	Confluences - # within reach	1
	Drainage Area Imperviousness	52.9 (%)			4
T	Shed Imperviousness	52.9 (%)	U	Culverts - # within reach	-
I	Total Tributary Length	2335 (ft) (ft^2)	R	Culvert Length - ft within reach	539
С	Outfall Area	11.0 (ft ²)	E	% Culverted within reach	23.1
S			S	% Channelized within reach	27.9
S P	Outfalls	4 / 25	Р	Riparian Width - DSR	1 /5
	Culverts	15 / 20	н а	Riparian Width - DSL	3 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	3 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
	Channel Type	2 /5	ТЕ	Canopy Cover - DSL	4 /5
	Reach Bed Stability	5 /5	A T	Bed Materials	0 /5
ТЕ	Bed Materials	2 /5	T E	Sediment Supply	3 /5
YR	Bank Erosion	3 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio		S	Woody Debris	-
3	Entrenchment Katio	3 /5	5	Attachment Sites	1 /5 3 /5
	7	enham to	w.n.s.http:		
d'all				Philas	le i pihila colta y

A Total Score 69 / 155 N Stability Score 34 / 100 R Habitat Score 34 / 55 Priority In Shed 44 / 02 N Priority In Shed Priority In Tributary 3,6 S Upstream Drainage Area Reach length 82 (fi) T Distance to US SQUeadwaters S Distance to DS SQUeadwaters S Duffall Mereidh A Chambles - # within reach L Conflancereadwater S <th>A Total Score</th> <th></th> <th></th> <th></th> <th></th>	A Total Score				
N Stability Score 34 / 100 K Habitat Score 35 / 55 Priority In Shed 44 / 102 N Priority In Tributary 3 / 5 G S Dams - # within reach 0 T Upstream Drainage Area 0.25 (ml ²) A Reach length 832 (f) S T Distance to US XS/Readwaters 351 (f) S Dams - # within reach 0 T Distance to US XS/Confluence 961 (f) S Dainage Area Imperviousness 13.1 (%) T Total Tributary Length 5790 (f) C Outfall Area 2.26 S Dustance to DS XS/Confluence 1 G C Ulverts 1 T total Tributary Length 5790 (f) C Outfall Area 2.26 S Dustance Ized within reach 1 C Ulverts 3 / 30 1/5 S Diffastructure Pts 1 / 5 I A R Channelization 10 / 15 B A Biparian Composition - DSL 3 / 5 T E Bed Materials 2 / 5 S I M Canopy Cover - DSL 5 / 5 T E Bed Materials 2 / 5 S I M Cano	A TOTAL SCOLE	69 / 155	I	В	2
K Habitat Score 35 / 35 Priority In Shed 44 / 002 N Priority In Tributary 3 / 5 G S Dams - # within reach 0 T Dystance to US XS/Headwaters 351 (f) T Distance to US XS/Headwaters 351 (f) T Shed Imperviousness 17.5 (%) C Outfalls - # within reach 1 T Total Tributary Length 22.8 (fr) S P Quifalls 1 / 5 T A Channelization 10 / 15 B A Infrastructure Pts 1 / 5 1 T T E Channelization 1 / 5 I T R Channelization 1 / 5 I T R Channelization 1 / 5 I A Channelization 1 / 5 I T R Channelization 1 / 5 I T R Channelization 1 / 5 I T R Channelizatis 2	N Stability Score		N	Burholm	ne Creek
N Priority In Tributary 3 /5 S Upstream Drainage Area Reach length 0.25 (ml) 331 (f) 331 (f) Distance to US SX/Headwaters 331 (f) 331 (f) 351 (f) Distance to US SX/Onfluence S Daminge Area Bridges = # within reach 0 S Drainage Area Dainage Area Imperviousness 0.11 (f) 131 (f) 228 (ff) S Destance to US SX/Onfluence 0 S Deatinage Area Dainage Area Imperviousness 13.1 (f) 13.1 (f) 228 (ff) S Imperviousness 13.1 (f) 228 (ff) Imperviousness 13.1 (f) 228 (ff) S P Outfalls Total Tributary Length 22.9 (ff) F Reparate Within reach 1 S P Outfalls 10 /25 3 /20 P R (Daranelized within reach 2.2 S P Outfalls 10 /25 3 /20 P R (Daranelized within reach 2.6 S Culverts Notification 10 /15 P R (Daranelized within - DSL) 3/5 I M Shear Stress 3 /10 L E Canopy Cover - DSR 5/5 I T E Bed Materials 0 /5 S S Outfall with - DSC 0 /5	-	-	F		
N Priority In Tributary 3 /5 S Distance to US SX/Headwaters 331 (ft) Distance to US SX/Headwaters 331 (ft) S Drainage Area Imperviousness 025 (m ²) I Distance to US SX/Headwaters 331 (ft) S Drainage Area Imperviousness 131 (ft) I Total Tributary Length 228 (ft) S Outfalls 1 within reach 2 S Outfalls 10 /25 Kiparian Composition - DSR 1 /5 S P Outfalls 1 /5 Kiparian Composition - DSR 4 /5 S Cluverts 3 /10 Kiparian Composition - DSR 4 /5 I M Shear Stress 3 /10 Kiparian Composition - DSR 4 /5 I T Read Infervature Pis 1 /5 Kiparian Composition - DSR 4 /5 I T Read Read Read Stability 3 /5 Kiparian Composition - DSR 5 /5 I T Read Read Stability 3 /5 Kiparian Composition - DSR 5 /5 I T R Bed Materials 0 /5 Kiparian Composition - DSR 5 /5	I Priority In Shed	-	Ο		
G S T Upstream Drainage Area 0.25 (m ²) A Rach length 0 Distance to US XS/Headwaters 351 (ft) S Drainage Area 0.91 (ft) S Drainage Area 0.92 (ft) S Drainage Area 0.91 (ft) C Manholes - # within reach 1 C Outfall Area 2.2 (ft) S C Cannelization 10 /25 T A R Cahnenlization 10 /15 B A Infrastructure Pts 1 /5 I M Reach Bed Stability 3 /5 I T Reach Bed Stability 3 /5 S S Curverts 8 Riparian Composition - DSI. 3 /5 I T Reach Bed Stability 3 /5 5 /5 S S	-	3 /5			
TUpstream Drainage Area Reach length0.25 (mi²) 832 (t)TDistance to US XS/Headwaters 1Distance to DS XS/Onfluence S Drainage Area Imperviousness331 (t) 331 (t)TSted Imperviousness 175 (%)13.1 (%) 22.8 (tr)TTotal Tributary Length 0.0tfall Area20/25 (%) 22.8 (tr)SPOutfallsTA R R Channelizacian Mithin reach 22.8 (tr)1SPOutfallsTA R R Channelizacian Mithin reach 10 /151/5B A I Infrastructure Pts 1 If E S10 /15B A I Infrastructure Pts 1 If E S1/5I E S3 /20 10 /15I E SChannelizacian Mithin 205R 10 /15I E SE SChannel Type S0 /5I E S1 /5I E SB ank Erosion 1 /5I T S SE channel Type NotonJ S SMatherials 3 /5J S SA R Riparian Composition - DSR SJ S S1 /5S SNoton SJ S SNoton SJ S SNoton SJ S SNoton SJ S SNoton SJ S 					
A T Distance to DS XS/Headwaters S 	S		S Dams	- # within reach	0
A Reach length 832 (f) Bridges - # within reach 0 Distance to US XS/Leadwaters 351 (f) U Uxfalls - # within reach 1 T Distance to US XS/Confluence 11 (f) U Uxfalls - # within reach 1 T Distance to US XS/Leadwaters 11 (f) U Uxfalls - # within reach 1 T Total Tributary Length 5790 (f) U Culverts - # within reach 1 S C Outfalls 10 / 25 K No 1 S C Outfalls 10 / 25 K No 1 A R Channelization 10 / 15 B A Riparian Composition - DSR 4 / 5 B A Infrastructure Pts 1 / 5 I M Riparian Composition - DSR 5 / 5 I T Reach Bed Stability 3 / 5 I M Canopy Cover - DSR 5 / 5 I T Reach Bed Stability 3 / 5 T E Sediment Supply 5 / 5 Y R Bank Erosion 1 / 5 T	T Upstream Drainage Area	0.25 (mi ²)	T Pipes	- # within reach	0
1 Distance to DS XS/Confluence 961 (ft) 1 Drainage Area Imperviousness 13.1 (%) 1 Sted Imperviousness 17.5 (%) 1 Total Tributary Length 22.8 (ft) 2 S S 1 Outfall Area 22.8 (ft) 3 S S 1 Culverts 3/20 A R Channelization 10 /15 1 M Shear Stress 3 /10 1 T Reach Bed Stability 3 /5 2 S S S 1 T Reach Bed Stability 3 /5 1 T Reach Bed Stability 3 /5 1 T E Canopy Cover - DSL 5 /5 1 T E Bed Materials 0 /5<			-		0
S Drainage Area Imperviousness 13.1 (%) T Total Tributary Length 0.75 (%) Outfall Area 0 S Outfall Area 1 C Outfall Area 2.2 S Outfall Area 2.1.6 S Outfall Area 1.7.5 S Outfall Area 1.7.5 S Outfall Area 1.7.5 S Outfall Infrastructure Pts 3.7.20 I M Shear Stress 3.7.10 I T Reach Bed Stability 3.7.5 I T Reach Bed Stability 3.7.5 T T E de Materials 0.7.5 S Bank Erosion 1.7.5 S S Bank Erosion 1.7.5 S Voody Debris 3.7.5 S Voody		351 (ft)	U Outfa	lls - # within reach	2
T Shed Imperviousness 17.5 (%) Total Tributary Length 5790 (ft) 2.8 (ft) S Culverts - # within reach 1 1 Culverts - # within reach 1 2 (ft) 2.2 S Culverts - # within reach 1 3 (ft) 2.2 S Culverts - # within reach 1 4 (ft) 2.2 S Culverts - # within reach 1 5 Cutverts 3/20 1 M Shear Stress 1/5 1 1/5 3/5 A Infrastructure Pts 1/5 1 T E Reach Bed Stability 3/5 1 T E Reach Med Stability 3/5 1 T E Bed Materials 0/5 1 T E Bed Materials 0/5 1 1/5 S Sinuosity 5/5 Y R Bank Erosion 1/5 S S Nody Debris 1/5 S Nody Debris 1/5<		961 (ft)			1
1 C Outfall Area5790 (i) 228 (it)R 228 (it)Culvert Length - ft within reach % Culverted within reach % Channelized with		· ,			
C Outfall Area 22.8 (t ¹) E % Culverted within reach 2.2 S P Outfalls 10 / 25 % Channelized within reach 2.16 S P Culverts 3 / 20 % Channelized within reach 2.16 A R Channelization 10 / 15 % Channelized within reach 2.16 B A Infrastructure Pts 1 / 5 3 / 5 3 / 5 I M Shear Stress 1 / 0 1 / 5 3 / 5 I T Reach Bed Stability 3 / 5 3 / 5 I T Reach Bed Stability 3 / 5 3 / 5 S Entrenchment Ratio 1 / 5 5 / 5 S Entrenchment Ratio 1 / 5 5 / 5 S Nody Debris 1 / 5 3 / 5 W S S S S V R Rak Erosion 1 / 5 5 / 5 S Entrenchment Ratio 1 / 5 3 / 5 V Vody Debris 1 / 5 3 / 5 K S <					
S S % Channelized within reach 21.6 S P Outfalls 10 / 25 3 / 20 A R Channelization 10 / 15 3 / 20 I M Shear Stress 3 / 10 L E Channel Type 0 / 5 G Channel Type 0 / 5 I T Reach Bed Stability 3 / 5 J F Bed Materials 0 / 5 S Catopy Cover - DSL 5 / 5 B A T Bed Materials 0 / 5 S Schiment Supply 5 / 5 S Schiment Ratio 1 / 5 Y R Back Erosion 1 / 5 S Intrachment Ratio 1 / 5 S Schiment Supply 5 / 5 S Schiment Supply 5 / 5 S Schiment Supply 5 / 5 S Schiment Supply 3 / 5					
S P Outfalls 10 / 25 Guiverts 3 / 20 Channelization 10 / 15 B A Riparian Width - DSR 3 / 5 I M Shear Stress 3 / 10 L E Channel Type 0 / 5 I M Shear Stress 3 / 10 A L E Channel Type 0 / 5 I T Rach Bed Stability 3 / 5 T E Ed Materials 2 / 5 Bank Erosion 1 / 5 Sinuosity 5 / 5 State Stability 1 / 5 Sinuosity 5 / 5 S State Stability 3 / 5 Sinuosity 5 / 5 S State Stability 3 / 5 Sinuosity 5 / 5 S Notify Debris 1 / 5 Sinuosity 5 / 5 S Wody Debris 1 / 5 3 / 5 S Wody Debris 3 / 5 3 / 5 S Wody Debris 3 / 5 3 / 5 S Sore K le olge B or or g of the state the s		22.8 (ft ⁻)			
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A R Channelization 10/15 A R Riparian Composition - DSR 4 /5 I M Shear Stress 3 /10 I M Channel Type 0 /5 I T Reach Bed Stability 3 /5 Solution - DSR 5 /5 I T Reach Bed Stability 3 /5 Solution - DSR 5 /5 Y R Bed Materials 2 /5 Solution - DSR 5 /5 S Bed Materials 2 /5 Solution - DSR 5 /5 S Bed Materials 2 /5 Solution - DSR 5 /5 B ank Erosion 1 /5 F Solution - DSR 5 /5 S Bed Materials 2 /5 Solution - DSR 1 /5 S Bed Materials 2 /5 Solution - DSR 1 /5 S Bed Materials 3 /5 Solution - DSR 1 /5 S Bed Materials 3 /5 Solution - DSR 1 /5 S Woody Debris 1 /5 Solution - DSR 3 /5 S Ro c k l e digrex B or o u g hor Ro c k l e digrex B	P Outfalls	10 / 25			
B A Infrastructure Pts 1 / 5 I M Shear Stress 3 / 10 L E Channel Type 0 / 5 I T Reach Bed Stability 3 / 5 I T E Bed Materials 0 / 5 Y R Bank Erosion 1 / 5 Y R Fatternehment Ratio 1 / 5 V R Gamper Version 1 / 5 S Entrenchment Ratio 1 / 5 S V R R Re Ck / e digra B or or g/br S Bank Erosion R Reach Bed Stability 5 / 5 Sinuosity S / 5 Sinuosity 5 / 5 Woody Debris 1 / 5 3 / 5 S Woody Debris 1 / 5 S Reack K / e digra B or or g/br R Reack K / e digra B or or g/br R Reack K / e digra B or or g/br R Reack K / e digra B or or g/br R Reack K / e digra B or or g/br			-		
I M Shear Stress 3 / 10 I H Channel Type 0 / 5 I T Reach Bed Stability 3 / 5 F E Bed Materials 2 / 5 Bank Erosion 1 / 5 T E S Entrenchment Ratio 1 / 5 S V R S S S Entrenchment Ratio 1 / 5 S S S S V R R R S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S			-	-	
L E Channel Type 0 /5 5 5 I T E Reach Bed Stability 3 /5 6 A T E Bed Materials 0 /5 6 6		-			
I T Reach Bed Stability 3 / 5 A T Bed Materials 0 / 5 Y R S Bank Erosion 1 / 5 5 / 5 5 / 5 Intrenchment Ratio 1 / 5 1 / 5 5 5 / 5 5 / 5 V R S Bed Materials 0 / 5 5 / 5 Intrenchment Ratio 1 / 5 1 / 5 5 / 5 1 / 5 S Intrenchment Ratio 1 / 5 3 / 5 1 / 5 V S S S S S 3 / 5					,
T E Bed Materials 2 / 5 T E Sediment Supply 5 / 5 S Intranchment Ratio 1 / 5 1 / 5 5 5 S Materials 1 / 5 1 / 5 1 / 5 1 / 5 S Materials 1 / 5 1 / 5 1 / 5 1 / 5 S Materials 1 / 5 1 / 5 1 / 5 1 / 5 S Materials 3 / 5 1 / 5 3 / 5			-		,
Y R Sinual 1/5 Sinual 5 5/5 Intrenchment Ratio 1/5 1/5 1/5 S Nody Debris 3/5					,
S Entrenchment Ratio 1 /5 1 /5 3 /5 S Woody Debris 1 /5 3 /5 Image: Contract of the set o					1
Attachment Sites 3/5					
Rockledge Borough		- / -			
Bhiladeerphia	ADJO	gton Town		e k je dige Boro	u g h

R					
A	Total Score	70 / 155	I	В	4
N	Stability Score	33 / 100	Ν	Burholm	e Creek
К	Habitat Score	37 / 55	F	400 ft SW of Fillm	
I	Priority In Shed	39 /102	0	Abington	•
N	Priority In Tributary		Ŭ		
G	1 Honty III Hibutary	2 /5			
			0	Dams - # within reach	1
S		2	S		1
Т	Upstream Drainage Area	0.05 (mi ²)	Т	Pipes - # within reach	1
A	Reach length	1249 (ft)	R	Bridges - # within reach	0
T	Distance to US XS/Headwaters	961 (ft)	U	Outfalls - # within reach	0
I	Distance to DS XS/Confluence	1662 (ft)	C	Manholes - # within reach	2
S T	Drainage Area Imperviousness	26.7 (%)	T U	Confluences - # within reach Culverts - # within reach	0
I	Shed Imperviousness	17.5 (%) 5790 (ft)	R		1 228
	Total Tributary Length	$0.0 (ft^2)$		Culvert Length - ft within reach	
C	Outfall Area	0.0 (11)	E	% Culverted within reach	18.3
S			S	% Channelized within reach	3.2
S P	Outfalls	0 /25	Р	Riparian Width - DSR	3 /5
T A	Culverts	12 /20	H A	Riparian Width - DSL	5 /5
A R	Channelization	2 /15	A R	Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	4 /5
IM	Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
LE	Channel Type	0 /5	ТЕ	Canopy Cover - DSL	5 /5
I T T T	Reach Bed Stability	5 /5	A T T	Bed Materials	0 /5
T E	Bed Materials Bank Erosion	2 /5	TE	Sediment Supply	3 /5
Y R S	Entrenchment Ratio	3 /5	R S	Sinuosity Woody Debris	5 /5 3 /5
5	Entrenchment Katio	1 /5	5	Attachment Sites	0 /5
shelmitest		gton Town	ship	P HyDeid	Iphile City

R				
A Total Score	55 / 155	I	F	36
N Stability Score	37 / 100	N		ne Creek
K Habitat Score	18 / 55	F		in Ave & Fillmore St
I Priority In Shed	18 / 35 77 /102	O I		lelphia
	-	U	11114	
N Priority In Tributary	5 /5			
S		S	Dams - # within reach	0
	· · · · · · · · · · · · · · · · · · ·			
T Upstream Drainage Area	0.21 (mi ²)	Т	Pipes - # within reach	0
A Reach length	1738 (ft)	R	Bridges - # within reach	0
TDistance to US XS/HeadwatersIDistance to DS XS/Confluence	1662 (ft) 1634 (ft)	U C	Outfalls - # within reach Manholes - # within reach	3 2
S Drainage Area Imperviousness	22.1 (%)	т	Confluences - # within reach	0
T Shed Imperviousness	17.5 (%)	U	Culverts - # within reach	1
I Total Tributary Length	5790 (ft)	R	Culvert Length - ft within reach	194
C Outfall Area	$9.8 (\text{ft}^2)$	E	% Culverted within reach	11.2
S S	5.0 (7	S	% Channelized within reach	0.0
	2 /25	P	Riparian Width - DSR	0 /5
S P Outfalls T A Culverts	2 /25 9 /20	H A	Riparian Width - DSR Riparian Width - DSL	0 /5
A R Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A Infrastructure Pts	1 /5	B A	Riparian Composition - DSK	1 /5
I M Shear Stress	7 /10	I M	Canopy Cover - DSR	1 /5
L E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	1 /5
I T Reach Bed Stability	3 /5	A T	Bed Materials	0 /5
T E Bed Materials	2 /5	ТЕ	Sediment Supply	3 /5
Y R Bank Erosion	3 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
			Attachment Sites	3 /5
A Dun guom H own B h		Phila	delphia chuy	

R					
Α	Total Score	79 / 155	I	E	38
Ν	Stability Score	38 / 100	N	Burholr	ne Creek
к	Habitat Score	41 / 55	F	200 ft NE of Laurel	Ave & Franklin Ave
I	Priority In Shed	22 /102	О	Cheltenhar	n Township
N	Priority In Tributary	1 /5			_
G		-7-			
S			S	Dams - # within reach	0
т	Upstream Drainage Area	0.13 (mi ²)	т	Pipes - # within reach	0
A	Reach length	1136 (ft)	R	Bridges - # within reach	0
т	Distance to US XS/Headwaters	1634 (ft)	U	Outfalls - # within reach	0
I	Distance to DS XS/Confluence	697 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	14.0 (%)	т	Confluences - # within reach	0
т	Shed Imperviousness	17.5 (%)	U	Culverts - # within reach	3
I	Total Tributary Length	5790 (ft)	R	Culvert Length - ft within reach	429
С	Outfall Area	0.0 (ft ²)	Е	% Culverted within reach	37.8
S			S	% Channelized within reach	6.6
S P	Outfalls	0 /25	Р	Riparian Width - DSR	5 /5
T A	Culverts	15 / 20		Riparian Width - DSL	5 /5
A R	Channelization	4 /15		Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	4 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
LE	Channel Type	0 /5	ТЕ	Canopy Cover - DSL	5 /5
І Т	Reach Bed Stability	3 /5	АТ	Bed Materials	2 /5
ТЕ	Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
Y R	Bank Erosion	3 /5	R	Sinuosity	5 /5
s	Entrenchment Ratio	3 /5	S	Woody Debris	1 /5
		,		Attachment Sites	0 /5
A State of the second sec		rarrendre La companya de la companya de	77 77 77 77 77 77 77 77 77 77 77 77 77	o winship	Aladeiphia City
			75	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

A Total Score 61 / 155 N Stability Score 36 / 100 K Habitat Score 25 / 55 I Priority In Shed 64 / 102 N Priority In Shed 64 / 102 N Priority In Tributary 4 / 5 G S S T Upstream Drainage Area 0.02 (mi ²) A Reach length 835 (ft) T Distance to US XS/Headwaters 697 (ft) J Distance to DS XS/Confluence 476 (ft) S Drainage Area Imperviousness 23.4 (%)	
K I Priority In Shed25 / 55 64 /102F O150 ft W of Laurel Ave & Myrtle Ave Cheltenham TownshipN Priority In Tributary4 /5OCheltenham TownshipGSSSST Upstream Drainage Area0.02 (mi²) 835 (ft)SDams - # within reach1A I Distance to US XS/Headwaters697 (ft) 697 (ft)RBridges - # within reach1I Distance to DS XS/Confluence476 (ft)CManholes - # within reach1	
K Habitat Score 25 / 55 F 150 ft W of Laurel Ave & Myrtle Ave Cheltenham Township N Priority In Shed 64 /102 0 Cheltenham Township N Priority In Tributary 4 /5 0 Cheltenham Township G S S S S T Upstream Drainage Area 0.02 (mi ²) A Reach length 1 A Reach length 835 (ft) R Bridges - # within reach 1 T Distance to US XS/Headwaters 697 (ft) U Outfalls - # within reach 1 I Distance to DS XS/Confluence 476 (ft) C Manholes - # within reach 1	
I Priority In Shed 64 /102 O Cheltenham Township N Priority In Tributary 4 /5 O Cheltenham Township G G S S S Dams - # within reach 1 T Upstream Drainage Area 0.02 (mi ²) S Dams - # within reach 1 A Reach length 835 (ft) R Bridges - # within reach 1 T Distance to US XS/Headwaters 697 (ft) U Outfalls - # within reach 1 I Distance to DS XS/Confluence 476 (ft) C Manholes - # within reach 1	
N Priority In Tributary 4 /5 G S S Dams - # within reach 1 T Upstream Drainage Area 0.02 (mi ²) T Pipes - # within reach 1 A Reach length 835 (ft) R Bridges - # within reach 1 T Distance to US XS/Headwaters 697 (ft) U Outfalls - # within reach 1 I Distance to DS XS/Confluence 476 (ft) C Manholes - # within reach 1	
G S Dams - # within reach 1 T Upstream Drainage Area 0.02 (mi ²) T Pipes - # within reach 1 A Reach length 835 (ft) R Bridges - # within reach 1 T Distance to US XS/Headwaters 697 (ft) U Outfalls - # within reach 1 I Distance to DS XS/Confluence 476 (ft) C Manholes - # within reach 1	
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I Distance to DS XS/Confluence 476 (ft) C Manholes - # within reach 1	
Continences - # within reach	
T Shed Imperviousness 17.5 (%) U Culverts - # within reach 1	
I Total Tributary Length 5790 (ft) R Culvert Length - ft within reach 82	
C Outfall Area $1.8 \text{ (ft}^2)$ E % Culverted within reach 9.8	
S S % Channelized within reach 0.0	
S P Outfalls 1/25 P Riparian Width - DSR 1/5	
T A Culverts6 /20H A Riparian Width - DSL3 /5	
A R Channelization0 /15A R Riparian Composition - DSR1 /5	
BAInfrastructure Pts1 /5BARiparian Composition - DSL1 /5	
I M Shear Stress7 /10I M Canopy Cover - DSR3 /5	
L E Channel Type 5 /5 T E Canopy Cover - DSL 3 /5	
I T Reach Bed Stability 3 /5 A T Bed Materials 2 /5	
T E Bed Materials 3/5 T E Sediment Supply 5/5	
Y R Bank Erosion 5 /5 R Sinuosity 5 /5	
S Entrenchment Ratio 5/5 S Woody Debris 1/5	
Attachment Sites 0 /5	
Cheltentham Townsthis	

R A Total Score 70/155 Stability Score 32/100 N Habitat Score 38/55 F Priority In Shed 39/102 Priority In Tributary 1/1 G S Dams - # within reach 0 T Upstream Drainage Area 0.17 (mi ²) N S A Reach length 1448 (ft) T Bistance to US XS/fleadwaters 786 (ft) T Distance to DS XS/Confluence 1068 (ft) T Confluences - # within reach 0 S Drainage Area Imperviousness 22.5 (%) T Confluences - # within reach 0 S Data T iributary Length 1848 (ft) Uottalls - # within reach 0 G Uutralls - # within reach 0 Uutralls - # within reach 1 G Uutralls - # within reach 0 1 0 S Drainage Area Imperviousness 22.5 (%) 1 Culverts - # within reach 1 G Uutralls 2/25 N R Culverts - # within reach 1 T A Cul	
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K Habitat Score38 / 55 39 /102F 250 ft NW of Walker Ave & Mayfield Abington TownshipN Priority In Tributary1/10GS0T A Reach length0.17 (mi²) 1848 (ti)T Distance to US XS/Headwaters786 (ti) 1068 (ti)S Diainage Area Distance to DS XS/Confluence068 (ti) 1068 (ti)S Diainage Area Imperviousness Diainage Area Imperviousness22.5 (%) 22.5 (%)T S SShed Imperviousness 9.3 (tr²)SDottfalls C Outfall Area2 /25 9.3 (tr²)SP Voluerts0S SOutfalls C Annelization2 /25 9.3 (tr²)A S B A I Infrastructure Pts I M Shear Stress2 /25 3 /10I T E B A linfrastructure Pts I T E F C Channel Type C Channel Type C Annel Type2 /25 2 /5 3 /10I T E B B B B A Riparian Composition - DSL I T B B A Riparian Composition - DSL S F T F B B B A Riparian Composition - DSL S F T F B B B A Riparian Composition - DSL S S F T F B<	Creek
I Priority In Shed Priority In Tributary39/102 1/1OAbington TownshipS T A Reach length1/10Abington TownshipT Distance to US XS/Headwaters Distance to US XS/Confluence Distance to DS XS/Confluence Distance to DS XS/Confluence S Drainage Area Imperviousness 22.5 (%) S Datial Tributary Length0.17 (mi ¹) 1848 (ft) UT Pipes - # within reach0T Distance to DS XS/Confluence Distance to DS XS/Confluence Distance to DS XS/Confluence Distance to DS XS/Confluence S0068 (ft) UU Outfalls - # within reach0T Distance to US XS/I advances Distance to DS XS/Confluence Dufal Tributary Length1848 (ft) 9.3 (ft ²)0C Manholes - # within reach0S P T C Outfall Area2/25 9.3 (ft ²)C NManholes - # within reach0S P T A C C C C Manholes - # within reach1 1 C C C C C Manholes - # within reach2.7S P Outfall Area2/25 9.3 (ft ²)P S NRiparian Width - DSR C C N C Channelization1/5 1.1/5S P T T B A B A Infrastructure Pts I I T E Bed Materials2/25 3.7/5P Riparian Width - DSR C C C A T B B B A Riparian Composition - DSL S B A Riparian Composition - DSL S S F T E B B B B B A B A B B A B B A B B A B B A B A B A B B A B B A B B A B B A	
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IMShear Stress3 /10IMCanopy Cover - DSR5 /5LEChannel Type2 /5TECanopy Cover - DSL5 /5ITReach Bed Stability4 /5ATBed Materials4 /5TEBed Materials5 /5TESediment Supply5 /5YRBank Erosion5 /5RSinuosity5 /5SEntrenchment Ratio3 /5SWoody Debris5 /5	
LEChannel Type2 / 5TECanopy Cover - DSL5 / 5ITReach Bed Stability4 / 5ATBed Materials4 / 5TEBed Materials5 / 5TESediment Supply5 / 5YRBank Erosion5 / 5RSinuosity5 / 5SEntrenchment Ratio3 / 5SWoody Debris5 / 5	
ITReach Bed Stability4 /5ATBed Materials4 /5TEBed Materials5 /5TESediment Supply5 /5YRBank Erosion5 /5RSinuosity5 /5SEntrenchment Ratio3 /5SWoody Debris5 /5	
TEBed Materials5 / 5TESediment Supply5 / 5YRBank Erosion5 / 5RSinuosity5 / 5SEntrenchment Ratio3 / 5SWoody Debris5 / 5	
YRBank Erosion5 / 5RSinuosity5 / 5SEntrenchment Ratio3 / 5SWoody Debris5 / 5	
S Entrenchment Ratio 3 /5 S Woody Debris 5 /5	
Attachment Sites 3 /5	
Ann and Bage and Ann and Ann and Ann	
A bington Township C heltep ham Township	

R					
A	Total Score	60 / 155	I	г)2
	Stability Score	32 / 100	N		D to Jenkintown Creek
	Habitat Score	28 / 55	F		house Rd & Foxchase Rd
	Priority In Shed	67 /102	0	_	Township
N	Priority In Tributary	1/2	U		
G	Thomy in Thouary	1/2			
S			S	Dams - # within reach	1
		0.12 (mi ²)			
T	Upstream Drainage Area Reach length	0.12 (ffi) 1341 (ft)	T R	Pipes - # within reach Bridges - # within reach	0 0
	Distance to US XS/Headwaters	1081 (ft)		Outfalls - # within reach	2
	Distance to DS XS/Confluence	594 (ft)	C	Manholes - # within reach	0
	Drainage Area Imperviousness	14.6 (%)	T	Confluences - # within reach	0
	Shed Imperviousness	13.7 (%)	U	Culverts - # within reach	2
I	Total Tributary Length	1727 (ft)	R	Culvert Length - ft within reach	75
С	Outfall Area	7.9 (ft ²)	Е	% Culverted within reach	5.6
S			S	% Channelized within reach	0.0
S P	Outfalls	2 /25	Р	Riparian Width - DSR	3 /5
T A	Culverts	6 / 20	н А	Riparian Width - DSL	3 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	1 /5
	Channel Type	5 /5	TE	Canopy Cover - DSL	1 /5
	Reach Bed Stability	4 /5	A T T T	Bed Materials	2 /5
	Bed Materials Bank Erosion	3 /5 3 /5	T E R	Sediment Supply Sinuosity	5 /5 5 /5
	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
		0 / 0		Attachment Sites	3 /5
		Abin	gton To	w ns.hip	Fox ChaseRd
			1	Fra	

D					
R	Total Caoro	F4 /4FF	Ŧ	г)4
A	Total Score	51 / 155	I		
N	Stability Score	35 / 100	N		D to Jenkintown Creek
K	Habitat Score	16 / 55	F	-	ouse Rd & Foxchase Rd
I	Priority In Shed	86 /102	Ο	Abington	Township
N	Priority In Tributary	2/2			
G				_	
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.01 (mi ²)	Т	Pipes - # within reach	0
Α	Reach length	386 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	594 (ft)	U	Outfalls - # within reach	0
I	Distance to DS XS/Confluence	76 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	3.7 (%)	Т	Confluences - # within reach	1
Т	Shed Imperviousness	13.7 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	1727 (ft)	R	Culvert Length - ft within reach	38
С	Outfall Area	$0.0 ({\rm ft}^2)$	E	% Culverted within reach	9.9
S			S	% Channelized within reach	0.0
S P	Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
T A	Culverts	6 /20	H A	Riparian Width - DSL	1 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	0 /5
LE	Channel Type	5 /5	TE	Canopy Cover - DSL	0 /5
I T T E	Reach Bed Stability Bed Materials	3 /5 3 /5	A T T E	Bed Materials	2 /5 3 /5
Y R	Bank Erosion	5 /5	I E R	Sediment Supply Sinuosity	5 /5
S	Entrenchment Ratio	5 /5		Woody Debris	3 /5
0		0 / 0		Attachment Sites	0 /5
		Abin	gton To	Winiship Data and the second s	
and and a			4		1

RATotal ScoreNStability ScoreKHabitat ScoreIPriority In ShedNPriority In Tributary	53 / 155 31 / 100 22 / 55	I N	EJ	2
N Stability Score K Habitat Score I Priority In Shed	31 / 100		Ľj	<u> </u>
K Habitat Score I Priority In Shed	-	N	n .n 1	
I Priority In Shed	22 / 55	-	East Branch to Jer	
-	04 400	F	600 ft SW of Foxchas	
N Priority In Tributary	81 /102	Ο	Cheltenham	Township
	1/2			
G				
S		S Dan	ms - # within reach	0
T Upstream Drainage Area	$0.22 (mi^2)$	T Pipe	es - # within reach	2
A Reach length	1963 (ft)		dges - # within reach	0
T Distance to US XS/Headwaters	248 (ft)		tfalls - # within reach	4
I Distance to DS XS/Confluence	3430 (ft)		nholes - # within reach	3
S Drainage Area Imperviousness	13.9 (%)		nfluences - # within reach	1
T Shed Imperviousness	9.5 (%)		verts - # within reach	1
I Total Tributary Length	3956 (ft)		vert Length - ft within reach	7
C Outfall Area	11.8 (ft ²)		Culverted within reach	0.3
S		S % C	Channelized within reach	10.4
S P Outfalls	4 /25		oarian Width - DSR	0 /5
T A Culverts	3 /20	_	oarian Width - DSL	5 /5
A R Channelization	6 /15		oarian Composition - DSR	1 /5
B A Infrastructure Pts	2 /5		oarian Composition - DSL	1 /5
I M Shear Stress	3 /10		nopy Cover - DSR	0 /5
L E Channel Type	0 /5		nopy Cover - DSL	0 /5
I T Reach Bed Stability T E Bed Materials	4 /5 3 /5		l Materials liment Supply	2 /5 5 /5
Y R Bank Erosion	5 /5		uosity	5 /5
S Entrenchment Ratio	1 /5		ody Debris	3 /5
	1 / 0		achment Sites	0 /5
Cadwaaaaada aa	****	gton Town	nship	

R			-				
Α	Total Score	51 / 155	I	E]4		
N	Stability Score	36 / 100	Ν	East Branch to Jenkintown Creek			
К	Habitat Score	15 / 55	F	650 ft SSW of Osceola Ave & Willow Ave			
I	Priority In Shed	86 /102	ο		m Township		
N	Priority In Tributary	2/2					
G		-/-					
S			S	Dams - # within reach	0		
Т	Upstream Drainage Area	0.23 (mi ²)	Т	Pipes - # within reach	0		
Α	Reach length	1993 (ft)	R	Bridges - # within reach	0		
Т	Distance to US XS/Headwaters	3430 (ft)	U	Outfalls - # within reach	0		
I	Distance to DS XS/Confluence	285 (ft)	C	Manholes - # within reach	1		
S	Drainage Area Imperviousness	5.3 (%)	Т	Confluences - # within reach	1		
T	Shed Imperviousness	9.5 (%)	U	Culverts - # within reach	1		
I	Total Tributary Length	3956 (ft)	R	Culvert Length - ft within reach	1,275		
C	Outfall Area	$0.0 ({\rm ft}^2)$	E	% Culverted within reach	64.0		
S			S	% Channelized within reach	0.0		
S P	Outfalls	0 /25	Р	Riparian Width - DSR	0 /5		
т А	Culverts	20 / 20	H A	Riparian Width - DSL	0 /5		
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5		
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5		
ΙΜ	Shear Stress	3 /10	I M	Canopy Cover - DSR	0 /5		
L E	Channel Type	0 /5	ТЕ	Canopy Cover - DSL	0 /5		
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5		
	Bed Materials	3 /5		Sediment Supply	3 /5		
	Bank Erosion	5 /5		Sinuosity	5 /5		
S	Entrenchment Ratio	1 /5	S	Woody Debris	3 /5		
				Attachment Sites	0 /5		
9. Er 4	Sound of	C	er to				

R				
A Total Score	68 / 155	I	(G2
N Stability Score	27 / 100	N		G to Tookany Creek
K Habitat Score	27 / 100 41 / 55	F		house Rd & Sunset Ave
I Priority In Shed	47 /102	0	-	Township
N Priority In Tributary	4/5			Township
G	4/5	1		
S		S	Dams - # within reach	0
	0.11 (mi ²)	Т	Pipes - # within reach	0
T Upstream Drainage Area A Reach length	909 (ft)	R	Bridges - # within reach	0
T Distance to US XS/Headwaters	• •		Outfalls - # within reach	2
I Distance to DS XS/Confluence	1162 (ft)	C	Manholes - # within reach	0
S Drainage Area Imperviousness	. ,	T	Confluences - # within reach	0
T Shed Imperviousness	22.6 (%)	U	Culverts - # within reach	0
I Total Tributary Length	5808 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	12.3 (ft ²)	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
S P Outfalls	4 /25	Р	Riparian Width - DSR	5 /5
T A Culverts	0 / 20	H A	Riparian Width - DSL	5 /5
A R Channelization	0 /15	A R	Riparian Composition - DSR	4 /5
B A Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	4 /5
I M Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
L E Channel Type	3 /5	ТЕ	Canopy Cover - DSL	5 /5
I T Reach Bed Stability	5 /5	A T	Bed Materials	2 /5
T E Bed Materials	3 /5	ТЕ	Sediment Supply	1 /5
Y R Bank Erosion	5 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	3 /5	S	Woody Debris	5 /5
			Attachment Sites	0 /5
	Abin	gion To	vnship	

D					
R	Total Score	07/155		(54
A	Stability Score	97 / 155	I		
N K	Habitat Score	60 / 100 27 / 55	N F		<u>G to Tookany Creek</u>
	Priority In Shed	37 / 55 1 /102	r O	-	<u>iouse Rd & Gordon Rd</u> Township
I	2	-	0	Ablington	Township
N G	Priority In Tributary	1/5			
S			S	Dams - # within reach	1
T	Upstream Drainage Area	0.11 (mi ²)	Т	Pipes - # within reach	0
A	Reach length	1227 (ft)	R	Bridges - # within reach	0
T I	Distance to US XS/Headwaters Distance to DS XS/Confluence	1162 (ft) 1312 (ft)	U C	Outfalls - # within reach Manholes - # within reach	4
S	Distance to DS XS/Confluence Drainage Area Imperviousness	19.6 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	22.6 (%)	U	Culverts - # within reach	3
I	Total Tributary Length	5808 (ft)	R	Culvert Length - ft within reach	670
С	Outfall Area	17.3 (ft ²)	Е	% Culverted within reach	54.6
S			s	% Channelized within reach	28.0
S P	Outfalls	6 / 25	Р	Riparian Width - DSR	1 /5
5 P T A	Culverts	6 / 25 18 / 20		Riparian Width - DSK	5 /5
A R	Channelization	10 / 15		Riparian Composition - DSR	3 /5
	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	3 /5
	Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
L E	Channel Type	5 /5	ТЕ	Canopy Cover - DSL	5 /5
I T	Reach Bed Stability	3 /5	A T	Bed Materials	0 /5
T E	Bed Materials	2 /5	ТЕ	Sediment Supply	5 /5
	Bank Erosion	3 /5		Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
				Attachment Sites	3 /5
	CordonRo			Township	
	Townshould and a		G4 S		7/17-7
30		and a second		20	Catagoined St
	Chettenham	Township		Sparround	Noodbeckerned
	1 harts			8-1-3-3	

R				
A Total Score	56 / 155	I	(66
N Stability Score	28 / 100	N		G to Tookany Creek
K Habitat Score	28 / 55	F		ier Rd & Glen Rd
I Priority In Shed	74 /102	0		n Township
N Priority In Tributary	5/5			
G	575			
S		S	Dams - # within reach	0
T Upstream Drainage Area	0.11 (mi ²)	т	Pipes - # within reach	1
A Reach length	1114 (ft)	R	Bridges - # within reach	0
T Distance to US XS/Headwaters	1312 (ft)	U	Outfalls - # within reach	2
I Distance to DS XS/Confluence	916 (ft)	С	Manholes - # within reach	2
S Drainage Area Imperviousness	26.8 (%)	Т	Confluences - # within reach	1
T Shed Imperviousness	22.6 (%)	U	Culverts - # within reach	0
I Total Tributary Length	5808 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	14.1 (ft ²)	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
S P Outfalls	4 /25	Р	Riparian Width - DSR	3 /5
T A Culverts	0 / 20	H A	Riparian Width - DSL	1 /5
A R Channelization	0 /15	A R	Riparian Composition - DSR	3 /5
B A Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
I M Shear Stress L E Channel Type	7 /10 5 /5	I M T E	Canopy Cover - DSR Canopy Cover - DSL	1 /5 3 /5
L E Channel Type I T Reach Bed Stability	3 /5		Bed Materials	0 /5
T E Bed Materials	2 /5	T E	Sediment Supply	3 /5
Y R Bank Erosion	1 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	5 /5	S	Woody Debris	5 /5
			Attachment Sites	3 /5
Diener Park	C h e l t e	enham T	own sthip	on township

R					
K A	Total Score	77 / 155	I	0	68
	Stability Score				
N K	Habitat Score	44 / 100 33 / 55	N F		<u>G to Tookany Creek</u> est Ave & Fisher Rd
I	Priority In Shed	33 / 33 24 /102	0		n Township
N	Priority In Tributary	3/5	Ŭ		i i ownship
G	Thomy in Thouary	3/3			
					2
S			S _	Dams - # within reach	2
Т	Upstream Drainage Area	$0.05 (mi^2)$	Т	Pipes - # within reach	0
A	Reach length	964 (ft)	R U	Bridges - # within reach	0
T I	Distance to US XS/Headwaters Distance to DS XS/Confluence	916 (ft) 1012 (ft)	C	Outfalls - # within reach Manholes - # within reach	4 0
S	Drainage Area Imperviousness	25.9 (%)	т	Confluences - # within reach	0
T	Shed Imperviousness	22.6 (%)	Ū	Culverts - # within reach	2
I	Total Tributary Length	5808 (ft)	R	Culvert Length - ft within reach	50
С	Outfall Area	10.5 (ft ²)	Е	% Culverted within reach	5.2
S			S	% Channelized within reach	34.9
S P	Outfalls	4 /25	Р	Riparian Width - DSR	0 /5
T A	Culverts	6 / 20		Riparian Width - DSL	0 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	3 /5
	Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	3 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
L E	Channel Type	2 /5	ТЕ	Canopy Cover - DSL	3 /5
ΙΤ	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
	Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	3 /5	S	Woody Debris Attachment Sites	5 /5 3 /5
Green R.				Elliperad	Land I I I I I I I I I I I I I I I I I I I
and the second	Aspend	Chelte	nham T	ownship	
				13.	
	Foreafthusan				Booking a

R					
	Total Score	91 / 155	I	G	10
	Stability Score	53 / 100	Ν		G to Tookany Creek
	Habitat Score	38 / 55	F		t Ave & Marlon Rd
	Priority In Shed	6 /102	О		n Township
	Priority In Tributary	2/5			
G		_/ -			
S			S	Dams - # within reach	1
T	Upstream Drainage Area	0.16 (mi ²)	Т	Pipes - # within reach	0
	Reach length	1593 (ft)	R	Bridges - # within reach	0
	Distance to US XS/Headwaters	1012 (ft)	U	Outfalls - # within reach	2
	Distance to DS XS/Confluence	1089 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	33.6 (%)	т	Confluences - # within reach	0
Т	Shed Imperviousness	22.6 (%)	U	Culverts - # within reach	1
Ι	Total Tributary Length	5808 (ft)	R	Culvert Length - ft within reach	422
С	Outfall Area	17.5 (ft ²)	Е	% Culverted within reach	26.5
S			S	% Channelized within reach	46.9
S P	Outfalls	6 /25	Р	Riparian Width - DSR	3 /5
Т А	Culverts	15 /20	H A	Riparian Width - DSL	5 /5
A R	Channelization	12 /15		Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	1 /5		Riparian Composition - DSL	4 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
LE	Channel Type	2 /5		Canopy Cover - DSL	3 /5
	Reach Bed Stability Bed Materials	3 /5		Bed Materials	2 /5
	Bed Materials Bank Erosion	3 /5	T E R	Sediment Supply	3 /5 5 /5
	Entrenchment Ratio	1 /5 3 /5		Sinuosity Woody Debris	5 /5
	Entrenchment Katio	375	3	Attachment Sites	0 /5
and a state with a state out	Day of the second secon	Chejte	nnam T	ownship.	Cadinal action of the second sec
in the parkage	Contraction of the second seco			Manualad	

R					
A	Total Score	51 / 155	I	F	12
N	Stability Score	32 / 100	N		Creek
K	Habitat Score	19/55	F		Ave & Mt. Pleasant Ave
I	Priority In Shed	86 /102	0		n Township
N	Priority In Tributary	6/7			
G		077			
S			S	Dams - # within reach	0
		0.28 (mi ²)			
T A	Upstream Drainage Area	0.28 (ffil) 824 (ft)	T R	Pipes - # within reach Bridges - # within reach	0
T A	Reach length Distance to US XS/Headwaters	360 (ft)		Outfalls - # within reach	1
ī	Distance to DS XS/Confluence	928 (ft)	C	Manholes - # within reach	0
S	Drainage Area Imperviousness	24.2 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	33.8 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	11827 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	19.6 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	0.0
S P	Outfalls	6 / 25	Р	Riparian Width - DSR	0 /5
т А	Culverts	0 / 20	H A	Riparian Width - DSL	0 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	1 /5
IM	Shear Stress	7 /10	I M	Canopy Cover - DSR	1 /5
L E I T	Channel Type Reach Bed Stability	3 /5 5 /5	T E A T	Canopy Cover - DSL Bed Materials	1 /5 2 /5
T E	Reach Bed Stability Bed Materials	3 /5	T E	Sediment Supply	2 /5 5 /5
	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	3 /5	S	Woody Debris	3 /5
				Attachment Sites	0 /5
24 · · · · · · · · · · · · · · · · · · ·		слетте	innam T	ownship	
Phil	Chalenhandre adelphia City C	ACC TENIAN			

R Iotal Score 20/155 N Stability Score 38/100 K Habitat Score 32/55 N Priority In Sted 39/02 Priority In Tributary 4/7 G S Dams - # within reach 1 R Distance to US XS(fleadwaters 22/8 (f) I Distance to US XS(fleadwaters 22/8 (f) S Datinge Area Imperviousness 335 (k) I Total Tributary Length 11822 (f) C Outfalls = within reach 1 G Culverts + within reach 1 S Datinge Area Imperviousness 333 (k) I Couffall Area 102 (f) S P Riparian Width - DSL 1/5 S A R Channelized within reach 2.6 S Y Bita Area 1/5 S Culverts + within reach 1 1.63 S Culverts + within reach 1.63 5/5 A R Channelized within reach 1.6 1/5 I A R Ri						
N Stability Score 38/100 Habitat Score 22/55 Priority In Shed 39/102 N F G G S Upstream Drainage Area A. Reach length 1377 (ft) Distance to DS XS/Griftenev 2274 (ft) J Distance to DS XS/Griftenev 274 (ft) 75 %) S hed Imperviousness 33.8 (%) 1 Total Tributary Length 11827 (ft) Courterts = 4 within reach 1 Courtal k-ea 1 Total Tributary Length 11827 (ft) Courterts = 4 within reach 1 Courterts = 4 within reach 1 Courterts = 4 within reach 1 Tatal Area 5 P Outfalls 4 / 25 1 A Reach length 1 12/20 5 P 1 1327 (ft) 5 Cuverts 1 102 (ft) 5 P 1 Tatal Area 1 12/20 1 A 1 A Reach length 1 12/20 1 A 1 A R <td></td> <td></td> <td>- 10</td> <td></td> <td></td> <td></td>			- 10			
K Habitat Score 32 / 55 N Priority In Shed 39 / 02 G S G S T Upstream Drainage Area 0.13 (mi ²) A Reach length 1 T Distance to US XS/Headwaters 926 (ft) S Distance to DS XS/Confluence 224 (ft) T Shed Imperviousness 33.8 (%) T Shed Imperviousness 33.8 (%) I Confluence: # within reach 1 C Ourfall Area 10.2 (ft') S Dointance to DS XS/Confluence 2274 (ft) C Ourfall Area 10.2 (ft') F Outfall Area 10.2 (ft') S Dointain Area 1/5 S Dointain Area 1/5 T A Reach Bed Stability 5/5 S A Reach Bed Stability 5/5 T R Barain Composition - DSR 1/5 I M Sheat Bed Stability 5/5 S P Coutfalls 4 / 25 T A Rear Stress 7 / 10 I T A Stability 5 / 5 I T Beed Materials 2 / 5 S Bank Erosion 3 / 5 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
Priority In Shed 39/102 0 Chettenham Township N Priority In Tributary 4/7 0 Chettenham Township S Upstream Drainage Area 0.13 (ml ²) 1577 (ft) 1577 (ft) A Reach length 1577 (ft) 1577 (ft) 10 10 0 Utention reach 1 T Distance to DS XS/Teadwaters 228 (ft) 2274 (ft) 0 Utention reach 1 T Total Tributary Length 11277 (ft) 102 (ft) 0 Utents = # within reach 1 C Outfalls 1 112877 (ft) 102 (ft) R Culvert = within reach 1 S P Outfalls 1/25 1127/10 R Riparian Width - DSR 1/5 S A Channelized within reach 16.3 5/5 5/5 5/5 A Channelized within reach 16.3 5/5 5/5 1/5 A R Channelized within reach 16.3 5/5 5/5 A R Riparian Composition - DSR 1/5 1/5		-	2			
N Priority In Tributary 4/7 G S Dams - # within reach 1 S Upstream Drainage Area Reach length 0.13 (mt ²) R T Distance to US X5/Headwaters 928 (ft) T Bidges - # within reach 1 S Distance to US X5/Headwaters 928 (ft) Q22 (ft) Q23 (ft) Q24 (ft) S Distance to DS X5/Confluence 27.7 (%) Manbles - # within reach 1 T Shed Imperviousness 33.8 (%) Its27 (ft) Q27 (ft) Q27 (ft) S Outfalls 4 /25 R Riparian Width - DSR 1/5 S A Rchannelization 1 /2 Z/7 K A R Calmelization 2 /15 A R Riparian Width - DSR 1/5 A R Channelization 2 /15 A R Riparian Composition - DSR 1/5 I T Reach Bed Stability 5 /5 S T B dd Materials 2 /5 S Y R Bank Erosion 3 /5 S S Woody Debris		-				
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A TReach length Distance to US XS/Headwaters IDistance to US XS/Confluence SD rainage Area Imperviousness T Shed Imperviousness 	S Dams - # v			S Dams - # within :	reach 1	
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I S Drainage Area Imperviousness T Shed Imperviousness T Outfall Area2274 (ft) 37.5 (%) 38 (%) 11827 (ft) 10.2 (ft ²)C T T C Manholes - # within reach C Culverts - # within reach C C Culverts - # within reach C C Culverts - # within reach C C Culverts - # within reach C C Channelized within reach C Channelized within reach C Channelized within reach C Channelized within reach C Channelized within reach C Channelized within reach Culverts - # withi	R Bridges - #	1577 (ft)	Reach length	R Bridges - # within	n reach 0	
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S Entrenchment Ratio 1/5 S Woody Debris Attachment Sites 5 /5 0 /5			-			,
Attachment Sites 0 /5	R Sinuosity	3 /5	Bank Erosion	R Sinuosity		
	S Woody De	1 /5	Entrenchment Ratio	S Woody Debris	!	5 /5
Cheltenham Township	Attachmer			Attachment Sites		0 /5
Philadelphia City	nham Townsh		100	m Township		And induced in the second s

A Interpretation 67/155 N Stability Score 43/100 N Hability Score 43/100 N Priority In Shed 30/102 N Priority In Tributary 5/7 G Stability Score 43/100 A Reach length 25/07 St 209 & Lineklin Pk T Distance to IS XSP(adwates 2274 (ft) S Drainage Area 0.54 (m ¹) S Drainage Area Imperviousness 228 (ft) S bed Imperviousness 33.8 (ft) C G Confluences - # within reach 2 S P Outfalls 10/25 T A Cuiverts 9/20 C A R Channelization 0/15 S A Channelization 0/15 A R Channelization 0/15 A R Channelization 3/5 T E Bed Materials 3/5 T E Bed Materials 3/5 T R Reach Bed Stability 3/5 T A Cuiverts 9/20 T A Back Bed Stability 3/5 T T Bedt Materials 3/5 <tr< th=""><th>R</th><th></th><th></th><th></th><th></th><th></th></tr<>	R					
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K Habital Score 24 / 55 N Priority In Steed 50 / 102 N S 10 S Priority In Tributary 5 / 7 G S Cheltenham Townskip S Priority In Tributary 5 / 7 T Distance to US XS/Headwaters 225 (h) Distance to US XS/Headwaters 227 (h) Distance to US XS/Headwaters 228 (h) T Distance to US XS/Headwaters 227 (h) Distance to US XS/Headwaters 228 (h) S Drainage Area Imperviousness 528 (h) T Outfall Area 2 S Dutfall Area 2 S Dutfall Area 0 S Dutfall Area 0 / 25 S Dutfall Area 0 / 25 S Dutfall Area 0 / 15 S Dutfall Area 0 / 15 S Dutfall Area 1 / 5 A R Riparian Width - DSL 0 / 15 S A Riparian Width - DSL 1 / 5 A R Riparian Width - DSL 1 / 5 A R Riparian Width - DSL 1 / 5 R Riparian Width - DSL 1 / 5						
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A Reach length 2395 (f) Distance to DS XS/Confluence 2274 (f) S Distance to DS XS/Confluence 2267 (f) S Distance to DS XS/Confluence 2267 (f) S Distance to DS XS/Confluence 52.67 (f) T S S T State to DS XS/Confluence 52.87 (f) Distance to DS XS/Confluence 52.87 (f) Culverts 62.67 (f) S P Culverts 62.67 (f) S 62.07 (f) L 62.67 (f) L 62.67 (f) L 62.67 (f) L 62.67 (f)	S			S	Dams - # within reach	2
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1 Distance to DS XS/Confluence Drainage Ara Imperviousness 226 (f) 528 (S) 388 (S) 11827 (f) 0utfall Area C Manholes - # within reach 12 Culverts + within reach 22 Culverts + within reach 14.4 4 5 F Outfall Area 22.4 (fr) R Culvert Length - ft within reach 20 Culverts + within reach 14.4 345 5 F Outfall Area 0.0 7 R Reprint meach 20 Culverts + within reach 20 Culverts 14.4 5 F Outfall Area 0.0 0.0 0.0 5 R Outfall Area 0.0 0.0 0.0 5 R Outfall Area 0.2,4 (fr) 0.0 0.0 0.0 6 A Infrastructure Pts 3.7,5 1.7 R Riparian Composition - DSL 1.7,5 1.7,5 1 T Reach Bed Stability 3.7,5 T E Sediment Supply 1.7,5 8 Bad	Α	0	. ,		-	0
S Drainage Area Imperviousness 52.8 (%) Shed Imperviousness 33.8 (%) 1 Total Tributary Length 11827 (ft) 2 Culverts - # within reach 2 S 0utfall Area 22.4 (ft) S 0utfall Area 0/25 S 0utfall S 0/25 A Channelized within reach 14.4 S 0utfall S 0/15 A Channelized within reach 1/5 A R Channelized within reach 1/5 A R Channelized within reach 0/5 I T Reach Bed Stability 0/15 A R Channelized within reach 1/5 B A Infrastructure Pts 3/5 T R Bed Materials 2/5 S E Head Materials 2/5 S E Head Materials 3/5 Y R Bank Erosion 3/5 S Entenchment Ratio 3/5 S Entenchment Stles 0/5 Vody Debris 3/5 5 Vody Debris			. ,			
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S Entrenchment Ratio 3/5 S Woody Debris 3/5 Attachment Sites 3/5 0/5						
Attachment Sites 0/5						
Chettenhfam Township			070		-	
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R					
	Total Score	47 / 155	I	Т	18
	Stability Score	47 / 155	I N		
	Habitat Score	25 / 100	R F		<u>Creek</u>
	Priority In Shed	22 / 55 97 /102	r O		<u>ek Dr & Lorimer Ave</u> n Township
	Priority In Tributary	-	0	Chentenna	<u>n rownsnip</u>
N G	Priority in Tributary	7/7			
S		2	S	Dams - # within reach	3
	Upstream Drainage Area	0.05 (mi ²)	Т	Pipes - # within reach	0
	Reach length	2171 (ft)	R	Bridges - # within reach	0
	Distance to US XS/Headwaters Distance to DS XS/Confluence	2467 (ft) 1838 (ft)	U C	Outfalls - # within reach Manholes - # within reach	2 3
	Drainage Area Imperviousness	17.1 (%)	т	Confluences - # within reach	0
	Shed Imperviousness	33.8 (%)	Ū	Culverts - # within reach	0
	Total Tributary Length	11827 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	6.3 (ft ²)	Е	% Culverted within reach	0.0
S		-	S	% Channelized within reach	0.8
S P	Outfalls	2 /25	Р	Riparian Width - DSR	1 /5
	Culverts	0 / 20	НА	Riparian Width - DSL	5 /5
	Channelization	2 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	1 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	2 /5	ТЕ	Canopy Cover - DSL	4 /5
	Reach Bed Stability	5 /5	A T	Bed Materials	0 /5
	Bed Materials Bank Erosion	2 /5	TE	Sediment Supply	1 /5 5 /5
	Entrenchment Ratio	1 /5 3 /5	R S	Sinuosity Woody Debris	5 /5 0 /5
	Entrenchment Ratio	375		Attachment Sites	0 /5
	a contraction of the second se	Chebre Annora	ArborotumRo millam T	ownship	Contrast of the second se
	Book Creambr		GreenvalleyB		AshbourneRd

R					
	Total Score	96 /1EE	т	ц	10
Α		86 / 155	I		
N	Stability Score	54 / 100	N		Creek
K	Habitat Score	32 / 55	F		ington Ln & Rock Ln
I	Priority In Shed	12 /102	Ο	Cheltenhar	<u>m Township</u>
N	Priority In Tributary	2/7			
G					
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.19 (mi ²)	Т	Pipes - # within reach	1
Α	Reach length	1515 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	1838 (ft)	U	Outfalls - # within reach	12
I	Distance to DS XS/Confluence	1192 (ft)	C	Manholes - # within reach	4
S	Drainage Area Imperviousness	14.1 (%)	T	Confluences - # within reach Culverts - # within reach	1
T I	Shed Imperviousness Total Tributary Length	33.8 (%) 11827 (ft)	U R	Culverts - # within reach Culvert Length - ft within reach	1 113
C	Outfall Area	$41.6 (ft^2)$	E	% Culverted within reach	7.5
s	Outrall Area	41.0 (11)	S	% Channelized within reach	7.3
		-			
S P	Outfalls	14 /25	P	Riparian Width - DSR	5 /5
T A	Culverts	6 /20		Riparian Width - DSL	0 /5
A R B A	Channelization Infrastructure Pts	4 /15 2 /5	A R B A	Riparian Composition - DSR Riparian Composition - DSL	1 /5 1 /5
	Shear Stress	2 / 3 7 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	5 /5	T E	Canopy Cover - DSK Canopy Cover - DSL	5 /5
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
	Bed Materials	3 /5	ТЕ	Sediment Supply	3 /5
Y R	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
				Attachment Sites	3 /5
	Curtis ParkDr	chelte 13	enham I Rockin	E	
N. P. LA	DixonR		Tooteson		and the second

D					
R	T. (.1.C				12
Α	Total Score	76 / 155	I		
Ν	Stability Score	39 / 100	N		Creek
K	Habitat Score	37 / 55	F	-	ntine Ln & Dell Ln
I	Priority In Shed	26 /102	Ο	Cheltenhar	<u>n Township</u>
Ν	Priority In Tributary	3/7			
G					
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.08 (mi ²)	т	Pipes - # within reach	1
Α	Reach length	1382 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	1192 (ft)	U	Outfalls - # within reach	2
Ι	Distance to DS XS/Confluence	1572 (ft)	С	Manholes - # within reach	3
S	Drainage Area Imperviousness	18.2 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	33.8 (%)	U	Culverts - # within reach	2
I	Total Tributary Length	11827 (ft)	R	Culvert Length - ft within reach	70
C	Outfall Area	10.2 (ft ²)	E	% Culverted within reach	5.1
S			S	% Channelized within reach	29.8
S P	Outfalls	4 / 25	Р	Riparian Width - DSR	3 /5
T A	Culverts	6 / 20	H A	Riparian Width - DSL	5 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	3 /5
	Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type Reach Bed Stability	2 /5 3 /5	T E A T	Canopy Cover - DSL Bed Materials	5 /5 0 /5
	Bed Materials	3 / 3 2 / 5	T E	Sediment Supply	3 /5
	Bank Erosion	1 /5	R	Sinuosity	5 /5
	Entrenchment Ratio	3 /5	S	Woody Debris	5 /5
		,		Attachment Sites	3 /5
		Chelte	enham T	ownship	
	2127				

R					
A	Total Score	95 / 155	I	Н	14
N	Stability Score	53 / 100	N		Creek
K	Habitat Score	42 / 55	F		entine Ln & Ivy Ln
I	Priority In Shed	2 /102	0		n Township
N	Priority In Tributary	1/7			
G	Thomy in Thouary	1//			
C			C	Dams - # within reach	0
S		2 + (-2)	S		0
Т	Upstream Drainage Area	0.14 (mi ²)	Т	Pipes - # within reach	0
A T	Reach length Distance to US XS/Headwaters	1963 (ft) 1572 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0 5
I	Distance to DS XS/Confluence	1372 (ft) 1180 (ft)	C	Manholes - # within reach	5 0
S	Drainage Area Imperviousness	17.1 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	33.8 (%)	Ū	Culverts - # within reach	2
I	Total Tributary Length	11827 (ft)	R	Culvert Length - ft within reach	860
С	Outfall Area	22.8 (ft ²)	Е	% Culverted within reach	43.8
S			S	% Channelized within reach	13.6
S P	Outfalls	10 /25	Р	Riparian Width - DSR	5 /5
5 P T A	Culverts	10 / 25 18 / 20	H A	Riparian Width - DSK Riparian Width - DSL	5 /5
A R	Channelization	6 / 15	A R	Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	4 /5
I M	Shear Stress	7/10	I M	Canopy Cover - DSR	4 /5
L E	Channel Type	3 /5	ТЕ	Canopy Cover - DSL	4 /5
ΙΤ	Reach Bed Stability	3 /5	A T	Bed Materials	5 /5
	Bed Materials	0 /5	ТЕ	Sediment Supply	1 /5
	Bank Erosion	1 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris Attachment Sites	5 /5 0 /5
		Churchie		A CONTRACTOR	
		The state		יררויין א	
	and the second s		nstam T	ownship	
The second		n:			
		Rodgere	Rd		Hannakar
	Hiddent				

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R A	Total Score	93 / 155	I	г	2		
		-					
N	Stability Score	59 / 100	N		r Creek		
K	Habitat Score	34 / 55	F		nd Ave & Tyler Rd		
I	Priority In Shed	4 /102	Ο	Abington	Township		
Ν	Priority In Tributary	1/6					
G			-				
S			S	Dams - # within reach	6		
Т	Upstream Drainage Area	0.20 (mi ²)	Т	Pipes - # within reach	0		
Α	Reach length	1492 (ft)	R	Bridges - # within reach	0		
Т	Distance to US XS/Headwaters	682 (ft)	U	Outfalls - # within reach	5		
Ι	Distance to DS XS/Confluence	1621 (ft)	С	Manholes - # within reach	0		
S	Drainage Area Imperviousness	24.1 (%)	Т	Confluences - # within reach	1		
Т	Shed Imperviousness	25.8 (%)	U	Culverts - # within reach	2		
Ι	Total Tributary Length	8506 (ft)	R	Culvert Length - ft within reach	96		
С	Outfall Area	57.2 (ft ²)	E	% Culverted within reach	6.5		
S			S	% Channelized within reach	70.8		
S P	Outfalls	16 / 25	Р	Riparian Width - DSR	5 /5		
T A	Culverts	6 /20	H A	Riparian Width - DSL	5 /5		
A R	Channelization	15 /15	A R	Riparian Composition - DSR	4 /5		
B A	Infrastructure Pts	2 /5	B A	Riparian Composition - DSL	4 /5		
ΙΜ	Shear Stress	3 /10	I M	Canopy Cover - DSR	1 /5		
L E	Channel Type	5 /5	ТЕ	Canopy Cover - DSL	1 /5		
ΙΤ	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5		
T E	Bed Materials	3 /5	ТЕ	Sediment Supply	1 /5		
Y R	Bank Erosion	1 /5	R	Sinuosity	5 /5		
S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5		
Attachment Sites 3 /5							
The second secon							



D					
R	Tatal Cases				4
Α	Total Score	66 / 155	I		
N	Stability Score	29 / 100	N		r Creek
K	Habitat Score Priority In Shed	37 / 55	F		y Rd & Runningbrook Rd
I		53 /102	0	Abington	Township
N	Priority In Tributary	4/6			
G					
S			S	Dams - # within reach	2
Т	Upstream Drainage Area	0.35 (mi ²)	Т	Pipes - # within reach	0
Α	Reach length	1468 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	1621 (ft)	U	Outfalls - # within reach	4
I S	Distance to DS XS/Confluence	1306 (ft)	C T	Manholes - # within reach Confluences - # within reach	0 0
T T	Drainage Area Imperviousness Shed Imperviousness	21.8 (%) 25.8 (%)	U I	Culverts - # within reach	3
I	Total Tributary Length	8506 (ft)	R	Culvert Length - ft within reach	146
C	Outfall Area	$7.9 (ft^2)$	E	% Culverted within reach	9.9
s	ounun meu	1.5 ()	s	% Channelized within reach	9.5
	.				
S P	Outfalls	2 /25		Riparian Width - DSR	5 /5
	Culverts	6 /20		Riparian Width - DSL Binarian Composition DSB	5 /5
A R B A	Channelization Infrastructure Pts	4 /15 1 /5		Riparian Composition - DSR Riparian Composition - DSL	4 /5 4 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	0 /5		Canopy Cover - DSL	4 /5
	Reach Bed Stability	5 /5		Bed Materials	0 /5
ТЕ	Bed Materials	2 /5	ТЕ	Sediment Supply	1 /5
Y R	Bank Erosion	1 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	1 /5	S	Woody Debris	5 /5
				Attachment Sites	0 /5
			Canterburg	VRd	
	hostRd	Abim	SION TO	wnship	Hemiloader
	MostRd 30			rinne Ray of the second	
te	Sta Ma	M 6	amberiRd		No. of the second se

R					
A	Total Score	51 / 155	I	1	[6
N	Stability Score	34 / 100	N		r Creek
K	Habitat Score	17 / 55	F		top Rd & Wooded Rd
I	Priority In Shed	86 /102	0		Township
N	Priority In Tributary	6/6	-	8	
G		070			
S			S	Dams - # within reach	0
T	Upstream Drainage Area	0.07 (mi ²)		Pipes - # within reach	1
A	Reach length	1247 (ft)		Bridges - # within reach	0
T	Distance to US XS/Headwaters	1306 (ft)	U	Outfalls - # within reach	1
I	Distance to DS XS/Confluence	1182 (ft)	С	Manholes - # within reach	1
S	Drainage Area Imperviousness	24.7 (%)	т	Confluences - # within reach	0
Т	Shed Imperviousness	25.8 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	8506 (ft)	R	Culvert Length - ft within reach	59
С	Outfall Area	1.8 (ft ²)	E	% Culverted within reach	4.7
S			S	% Channelized within reach	0.0
S P	Outfalls	1 / 25	Р	Riparian Width - DSR	0 /5
т А	Culverts	3 /20	н А	Riparian Width - DSL	0 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	0 /5
B A	Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	0 /5
ΙΜ	Shear Stress	7 /10	I M	Canopy Cover - DSR	1 /5
	Channel Type	5 /5		Canopy Cover - DSL	1 /5
I T T E	Reach Bed Stability Bed Materials	4 /5 3 /5		Bed Materials Sediment Supply	2 /5 5 /5
Y R	Bank Erosion	5 /5		Sinuosity	5 /5
S	Entrenchment Ratio	5 /5		Woody Debris	3 /5
_		- / -		Attachment Sites	0 /5
A ANA	Jun and a state				Annual Contract of the second
		Abin	gton Tol	wnship store	JuliBerg

R					
A T	otal Score	65 / 155	I]	[8
N St	tability Score	41 / 100	Ν	Baede	r Creek
кН	labitat Score	24 / 55	F	450 ft WNW of Win	nding Rd & Glen Rd
I Pı	riority In Shed	57 /102	Ο	Abington	Township
N P1	riority In Tributary	5/6			
G					
S			S	Dams - # within reach	0
-	pstream Drainage Area	0.10 (mi ²)	Т	Pipes - # within reach	0
	each length	1045 (ft)	R	Bridges - # within reach	0
	istance to US XS/Headwaters	1182 (ft)	U	Outfalls - # within reach	0
	istance to DS XS/Confluence	950 (ft)	C	Manholes - # within reach	0
	rainage Area Imperviousness	30.3 (%)	т	Confluences - # within reach	1
T Sł	hed Imperviousness	25.8 (%)	U	Culverts - # within reach	1
ΙΤα	otal Tributary Length	8506 (ft)	R	Culvert Length - ft within reach	297
C O	utfall Area	$0.0 (ft^2)$	E	% Culverted within reach	28.4
S			S	% Channelized within reach	0.0
S P O	utfalls	0 /25	Р	Riparian Width - DSR	0 /5
	ulverts	15 / 20		Riparian Width - DSL	0 /5
	hannelization	0 /15	A R	Riparian Composition - DSR	0 /5
B A In	nfrastructure Pts	1 /5	ВА	Riparian Composition - DSL	0 /5
I M Sh	hear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
	hannel Type	5 /5	ТЕ	Canopy Cover - DSL	5 /5
	each Bed Stability	3 /5	A T	Bed Materials	0 /5
	ed Materials	2 /5	ТЕ	Sediment Supply	3 /5
	ank Erosion ntrenchment Ratio	3 /5 5 /5	R S	Sinuosity Woody Debris	5 /5 3 /5
5 EI	intrenchment Katio	575	5	Attachment Sites	3 /5
		Ajbin	gton/Toy	vn ship	MucingRd
3	and the second sec		1		

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D					
R	Total Score			т	10
Α		88 / 155	I		
N	Stability Score	44 / 100	N		<u>r Creek</u>
К	Habitat Score	44 / 55	F		Rd & Wanamaker Rd
I	Priority In Shed	10 /102	Ο	Abington	Township
N	Priority In Tributary	3/6			
G					
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.04 (mi ²)	Т	Pipes - # within reach	0
Α	Reach length	1304 (ft)	R	Bridges - # within reach	0
T	Distance to US XS/Headwaters	950 (ft)	U	Outfalls - # within reach	2
I	Distance to DS XS/Confluence	1483 (ft)	C	Manholes - # within reach	2
S T	Drainage Area Imperviousness Shed Imperviousness	31.2 (%) 25.8 (%)	T U	Confluences - # within reach Culverts - # within reach	0
I	Total Tributary Length	8506 (ft)	R	Culvert Length - ft within reach	176
	Outfall Area	$13.4 (ft^2)$	E	% Culverted within reach	13.5
s	Outian Airea	10.1 (*)	S	% Channelized within reach	85.9
	o	–			
	Outfalls Contracts	4 / 25		Riparian Width - DSR Binarian Width - DSI	5 /5
	Culverts Channelization	9 /20 15 /15		Riparian Width - DSL	5 /5
A R B A	Infrastructure Pts	15 /15 1 /5	A R B A	Riparian Composition - DSR Riparian Composition - DSL	4 /5 4 /5
I M		7 /10	I M	Canopy Cover - DSR	4 / 5 5 / 5
	Channel Type	0 /5	ТЕ	Canopy Cover - DSL	5 /5
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
ТЕ	Bed Materials	3 /5	ТЕ	Sediment Supply	1 /5
Y R	Bank Erosion	1 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	1 /5	S	Woody Debris	5 /5
			-	Attachment Sites	3 /5
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					
					n k i n to war «B ör o u g h

R					
A	Total Score	90 / 155	Ι	ľ	12
N	Stability Score	58 / 100	N		r Creek
K	Habitat Score	38 / 100 32 / 55	F		n Rd & Stewart Ave
I	Priority In Shed	7 /102	0		Township
N	Priority In Tributary	2/6	Ŭ		
G	Thomy in Thouary	270			
				Dams - # within reach	0
S			S _		0
Т	Upstream Drainage Area	0.31 (mi ²)	Т	Pipes - # within reach	0
A	Reach length Distance to US XS/Headwaters	1950 (ft)	R	Bridges - # within reach Outfalls - # within reach	0 4
T I	Distance to US XS/HeadWaters	1483 (ft) 1326 (ft)	U C	Outfalls - # within reach Manholes - # within reach	4
S	Drainage Area Imperviousness	29.6 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	25.8 (%)	Ū	Culverts - # within reach	2
I	Total Tributary Length	8506 (ft)	R	Culvert Length - ft within reach	806
С	Outfall Area	20.4 (ft ²)	Е	% Culverted within reach	41.3
S			S	% Channelized within reach	24.5
S P	Outfalls	10 /25	Р	Riparian Width - DSR	3 /5
T A	Culverts	18 / 20	НА	Riparian Width - DSL	1 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	0 /5	ВА	Riparian Composition - DSL	1 /5
I M	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	2 /5	ТЕ	Canopy Cover - DSL	4 /5
	Reach Bed Stability	4 /5	A T	Bed Materials	2 /5
	Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
	Bank Erosion	5 /5	R S	Sinuosity Maada Dahaia	5 /5
5	Entrenchment Ratio	3 /5	5	Woody Debris Attachment Sites	3 /5 0 /5
		buyn gifbin. Town	nship s	Jenkint	o w m Bor o ug h
			ß		TIN I

R					
	Total Score	60 / 155	I		[2
	Stability Score	36 / 100	N	· · · · · · · · · · · · · · · · · · ·	wn Creek
	Habitat Score	24 / 55	F		ouse Rd & Foxchase Rd
	Priority In Shed	67 /102	0		Township
	Priority In Tributary	7/10			
G	i iioiity iii iiioutui y	7710			
S			S	Dams - # within reach	5
	Upstream Drainage Area	0.13 (mi ²)	т	Pipes - # within reach	0
	Reach length	2526 (ft)	R	Bridges - # within reach	0
	Distance to US XS/Headwaters	1551 (ft)	U	Outfalls - # within reach	7
	Distance to DS XS/Confluence	2026 (ft)	c	Manholes - # within reach	0
	Drainage Area Imperviousness	20.8 (%)	т	Confluences - # within reach	0
	Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	3
Ι	Total Tributary Length	13599 (ft)	R	Culvert Length - ft within reach	82
С	Outfall Area	17.1 (ft ²)	E	% Culverted within reach	3.2
S			S	% Channelized within reach	16.0
S P	Outfalls	6 / 25	Р	Riparian Width - DSR	1 /5
ТА	Culverts	3 /20	H A	Riparian Width - DSL	0 /5
A R	Channelization	8 /15	A R	Riparian Composition - DSR	1 /5
	Infrastructure Pts	2 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
	Channel Type	0 /5	TE	Canopy Cover - DSL	4 /5
	Reach Bed Stability Bed Materials	5 /5	A T T E	Bed Materials	2 /5
	Bank Erosion	3 /5 5 /5	I E R	Sediment Supply Sinuosity	1 /5 3 /5
	Entrenchment Ratio	1 /5	S	Woody Debris	3 /5
		- / -		Attachment Sites	3 /5
Greer		and a second and a	a diamagna di anti-	unship porumes	
			2 Day	1 State	1 it has

R					
A	Total Score	66 / 155	I	Т	4
	Stability Score	31 / 100	N N		wn Creek
	Habitat Score	35 / 55	F		k Rd & Beaver Hollow Rd
	Priority In Shed	53 /102	0		Township
	Priority In Tributary	5/10	U	nongion	Township
G	Thomy in Thouary	5710			
				Dams - # within reach	
S		(2)	S		1
T	Upstream Drainage Area	$0.14 \text{ (mi}^2)$		Pipes - # within reach	0
A T	Reach length Distance to US XS/Headwaters	1686 (ft) 2026 (ft)		Bridges - # within reach Outfalls - # within reach	0 0
	Distance to DS XS/Confluence	1319 (ft)	C	Manholes - # within reach	1
	Drainage Area Imperviousness	7.2 (%)	T	Confluences - # within reach	0
	Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	0
Ι	Total Tributary Length	13599 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	$0.0 (ft^2)$	Е	% Culverted within reach	0.0
S			S	% Channelized within reach	29.5
S P	Outfalls	0 /25	Р	Riparian Width - DSR	5 /5
ТА	Culverts	0 / 20		Riparian Width - DSL	0 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5		Riparian Composition - DSL	4 /5
	Shear Stress	7 /10		Canopy Cover - DSR	5 /5
	Channel Type	3 /5		Canopy Cover - DSL	5 /5
	Reach Bed Stability Bed Materials	3 /5 3 /5	A T T E	Bed Materials Sediment Supply	2 /5 5 /5
	Bank Erosion	3 / 3 1 / 5		Sinuosity	5 /5
S	Entrenchment Ratio	3 /5		Woody Debris	3 /5
		<i>• 7 •</i>		Attachment Sites	0 /5
		t A b ī	ngton-To	wnship	
and the second second		and the second of the second o	The second secon		

R				
A Total Score	89 / 155	I	Ţ	6
N Stability Score	54 / 100	N	Jenkintor	wn Creek
K Habitat Score	35 / 55	F	250 ft W of Tulpehock	
I Priority In Shed	8 /102	ο	Abington	
N Priority In Tributary	1/10			L
G	-7-0			
S		S Da	ms - # within reach	0
T Upstream Drainage Area	0.10 (mi ²)		es - # within reach	0
A Reach length	1581 (ft)	-	dges - # within reach	0
T Distance to US XS/Headwaters	1319 (ft)		tfalls - # within reach	14
I Distance to DS XS/Confluence	3485 (ft)	C Ma	nholes - # within reach	2
S Drainage Area Imperviousness	20.8 (%)	T Cor	nfluences - # within reach	0
T Shed Imperviousness	22.1 (%)		lverts - # within reach	4
I Total Tributary Length	13599 (ft)		lvert Length - ft within reach	347
C Outfall Area	28.6 (ft ²)		Culverted within reach	21.9
S		S % (Channelized within reach	68.2
S P Outfalls	10 /25	P Rip	oarian Width - DSR	5 /5
T A Culverts	15 /20	H A Rip	oarian Width - DSL	5 /5
A R Channelization	15 /15		parian Composition - DSR	3 /5
B A Infrastructure Pts	1 /5	-	parian Composition - DSL	3 /5
I M Shear Stress	3 /10		nopy Cover - DSR	4 /5
L E Channel Type	0 /5		nopy Cover - DSL	4 /5
I T Reach Bed Stability	3 /5		d Materials	2 /5
T E Bed Materials Y R Bank Erosion	3 /5 1 /5		liment Supply uosity	1 /5 5 /5
S Entrenchment Ratio	3 /5		ody Debris	3 /5
	375		achment Sites	0 /5
		ngton Town	ship	

R					
	Total Score	50 / 155	I		8
	Stability Score	24 / 100	N		wn Creek
	Habitat Score	26 / 55	F		r Rd & Martin Rd
	Priority In Shed	90 /102	0		Township
	Priority In Tributary	8/10			
G	Thomy in Thouary	0710			
			C	Dams - # within reach	0
S		a aa (^{.2})	S		0
	Upstream Drainage Area	$0.09 \text{ (mi}^2)$	Т	Pipes - # within reach	0
	Reach length Distance to US XS/Headwaters	1463 (ft) 3485 (ft)	R U	Bridges - # within reach Outfalls - # within reach	3
	Distance to DS XS/Confluence	1034 (ft)	C	Manholes - # within reach	1
	Drainage Area Imperviousness	26.0 (%)	Т	Confluences - # within reach	1
	Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	0
	Total Tributary Length	13599 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	17.3 (ft ²)	Е	% Culverted within reach	0.0
s			S	% Channelized within reach	0.0
S P	Outfalls	6 /25	Р	Riparian Width - DSR	5 /5
	Culverts	0 / 20		Riparian Width - DSL	0 /5
	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	1 /5
I M	Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
	Channel Type	2 /5	ТЕ	Canopy Cover - DSL	3 /5
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
	Bed Materials	3 /5	ТЕ	Sediment Supply	3 /5
	Bank Erosion	3 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	3 /5	S	Woody Debris Attachment Sites	1 /5 0 /5
			ngton To	wnship	
1	A CONTRACTOR	and the second		A A A A A A A A A A A A A A A A A A A	Contrast of

Total Score	78 / 155	I		J10
Stability Score	47 / 100	Ν	Jenkir	town Creek
Habitat Score	31 / 55	F		edar Rd & Martin Rd
Priority In Shed	23 /102	ο		on Township
Priority In Tributary	2/10	_		<u>-</u>
Thomy in The duily	2/10	1		
		S	Dams - # within reach	1
Upstream Drainage Area	0.11 (mi ²)	т	Pipes - # within reach	0
Reach length	904 (ft)	R	Bridges - # within reach	0
Distance to US XS/Headwaters	1034 (ft)	U	Outfalls - # within reach	4
Distance to DS XS/Confluence	1194 (ft)	С	Manholes - # within reach	2
Drainage Area Imperviousness	27.4 (%)	т	Confluences - # within reach	0
Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	1
Total Tributary Length	13599 (ft)	R	Culvert Length - ft within reach	1 08
Outfall Area	13.2 (ft ²)	Е	% Culverted within reach	11.9
	/	S	% Channelized within reach	32.8
Outfalls	4 /25	I	Riparian Width - DSR	1 /5
Culverts	9 / 20	H A		1 /5
Channelization	10 /15	A F		3 /5
Infrastructure Pts	1 /5	B A		3 /5
Shear Stress	7 /10	I N		4 /5
Channel Type	2 /5	ТН		4 /5
Reach Bed Stability	2 / 3 5 / 5			4 / 5 1 / 5
Bed Materials	1 /5			3 /5
Bank Erosion	5 /5	F		5 /5
Entrenchment Ratio	3 /5		-	3 /5
	0 / 0		Attachment Sites	3 /5
		1		0
GedarRa	-			
	Abi	ngton T	o yọn s hi p	
1 and the second	Parts.	HAR		ET .

A Total Score 12/15 N Stability Score 24/100 N Finite Score 21/10 N Definite Score 21/10 N Definite Score 21/10 N Definite Score 22/10 N Definite Score 22/10 N Definite Score 2/2/20 N Score Score 2/2/20 N Definite Score 2/2/20 N Score Score 2/2/20 N Contrall Acca 2/2/20	A Total Score 72/185 Bitability Score 44/100 N Bitability Score Priority In Shed 3/10 G Implementation of the second state of the	R				
N Stability Score 43/100 R Habitat Score 29/55 Priority In Sthed 34/102 N F G Upstream Drainage Area 0.07 (mi ²) A Reach length 107 (mi ²) T Distance to US SQConfluence 105 (n) S Distance to US SQConfluence 20 (n) S Distance to US SQConfluence 3 (n) S Distance Taget Acta Imperviourness 22.0 (n) G Cuberts 6 / 70 A R Caparis Vidth - DSL 1/5 S A Cuberts 1/5 A R Charafization 10 / 5 S A Uterts 3 / 5 I T Reach Red Sability 3 / 5 I R Reparian Composition - DSL 1 / 5 B A Riparian Composition - DSL <td>N Stability Score 43/100 Priority In Shed 29/35 N Priority In Shed N Priority In Tributary G S T Upstream Drainage Area A Reach length 1 Distance to DS XS/Loadwaters 1 Distance to DS XS/Confuence 2 007 (mir) 1 Distance to DS XS/Confuence 1 Distance to DS XS/Confuence 2 008 2 009 1 Total Tributary Length 1 1359 (0) 2 0007 (mir) 1 Total Tributary Length 1 1350 (0) 2 1359 (0) 2 1359 (0) 5 Contrall Area 5 0 5 0 6 0 7 Contrall Area 8 0 6 10/15 1 A 1 10/15 1 A 1 1/5 1 A 1 1/5 1 Notall Area 5 1 6 1/5</td> <td></td> <td>72 / 155</td> <td>Ι</td> <td>ľ</td> <td>12</td>	N Stability Score 43/100 Priority In Shed 29/35 N Priority In Shed N Priority In Tributary G S T Upstream Drainage Area A Reach length 1 Distance to DS XS/Loadwaters 1 Distance to DS XS/Confuence 2 007 (mir) 1 Distance to DS XS/Confuence 1 Distance to DS XS/Confuence 2 008 2 009 1 Total Tributary Length 1 1359 (0) 2 0007 (mir) 1 Total Tributary Length 1 1350 (0) 2 1359 (0) 2 1359 (0) 5 Contrall Area 5 0 5 0 6 0 7 Contrall Area 8 0 6 10/15 1 A 1 10/15 1 A 1 1/5 1 A 1 1/5 1 Notall Area 5 1 6 1/5		72 / 155	Ι	ľ	12
K Habitat Score 29 / 53 1 Priority In Shed 34 / 102 5 Findity In Tributary 3 / 10 6 S Control of the set of the se	K Habital Score 29 / 53 1 Priority In Stied 34 / 102 2 Priority In Tributary 3 / 10 3 Upstream Drainage Area 0.07 (m ²) 1 Upstream Drainage Area 0.07 (m ²) 1 Bisance to US X9(Headwaters 1174 (ft) 1 Distance to US X9(Headwaters 1194 (ft) 1 Distance to US X9(Headwaters 250 (%) 1 Softange Area Imperviousness 250 (%) 1 Total Tributary Length 13599 (ft) 2 Softal Area 8.1 (ft7) 1 Total Tributary Length 13599 (ft) 2 Softal Area 8.1 (ft7) 1 Softal Area 6 / 20 5 P Outfalls # vithin reach 288 5 F Outfall Area 3 / 5 6 A Culverts # vithin reach 288 5 F Cu				· · · · · · · · · · · · · · · · · · ·	
Image: Constraint of the stress of the st	Priority In Shed 34 /02 N Priority In Tributary G S T Upstream Drainage Area A Rach length T Distance to US X9(Headwates) 12 Distance to US X9(Headwates) 13 Distance to US X9(Headwates) 14 Distance to US X9(Headwates) 15 Distance to US X9(Headwates) 16 Distance to US X9(Headwates) 17 Softmare to US X9(Headwates) 18 Distance to US X9(Headwates) 19 Distance to US X9(Headwates) 10 Distance to US X9(Headwates) 11 Distance to US X9(Headwates) 12 Distance to US X9(Headwates) 13 Distance to US X9(Headwates) 14 Distance to US X9(Headwates) 15 Distance to US X9(Headwates) 16 Distance to US X9(Headwates) 17 Confluences - # within reach 18 Distance to US X9(Headwates) 19 Distance to US X9(Headwates) 10 Distance to US X9(Headwates) 12 Distance to US X9(Headwates) 13 Distance to US X9(Headwates) 14 Distances - # within reach 15 Distance to US X9(Headwates) 16 Distances - # within reach 17 Confloation 18 A (Laboret Distance) 19 Distance to US X9(Headwates) 10 Distance to US X9(Headwates)		-			
N Priority In Tributary 3 / 10 S Priority In Tributary 3 / 10 S Datase length 0.07 (m ²) I Distance to US XS/Istadwaters 11478 (ft) I Distance to US XS/Confluence 0.07 (m ²) S Datase to US XS/Confluence 0.07 (m ²) S Datase to US XS/Confluence 0.07 (m ²) I Total ance to US XS/Confluence 0.07 (m ²) S Datase to US XS/Confluence 0.07 (m ²) I Total ance to US XS/Confluence 0.01 (ft) I Distance to US XS/Confluence 0.01 (ft) G Outfall Acca 0.11 (ft) S D 0.01 (ft) G Cutall Acca 0.1 (ft) S P Outfall Acca 0.1 (ft) S A Informeditation 10 (ft) I M Reparan Width -DSR 1/5 I M Short Stress 7 /10 R Riparan Composition -DSR 1/5 I M Reparan Vidth -DSR 1/5 I M Canopy Cover -DSR 4/5 I R Back Read Stability 3 /5 S S Voody Debis S Back Interchand 3 /5 S None To With Interach S None To With Intera	Priority In Tributary 3 / 10 S Upsteam Drainage Area A Reach length 0.07 (ml ²) 1478 (fr) T Distance to US Skyleadwaters 1478 (fr) 1 Distance to US Skyleadwaters 1305 (fr) 2 Darinage Area Distance to US Skyleadwaters 1305 (fr) 1 Distance to US Skyleadwaters 1305 (fr) 2 Distance to US Skyleadwaters 1305 (fr) 1 Total Tributary Length 13599 (fr) 5 P Outfalls 2 / 22 (k) 5 P Dutfalls 2 / 25 (k) 6 Valuetts 4 / 1478 (fr) 7 Distance to US Skyleadwaters 1/5 8 Reprint Mithin reach 2 9 Distance to US Skyleadwaters 1/5 1 Total Tributary Length 1/3599 (fr) 8 Culverts 6 / 2/35 7 Doutfalls 2 / 7/30 8 A Reparine Width - DSI. 1/5 9 B / 7/10 Reparine Width - DSI. 1/5 1 R Bed Materials 2 / 5 9 B ank Erosion 3 / 5 9 B ank Erosion 3 / 5 9 B ank Erosion 3 / 5 1 <		-			
G S T Upstream Drainage Area Reach length 0.07 (mi ²) T Distance to US SX/Itedwaters 1095 (no. 105 (h) 1075 (h) S Drainage Area Imperviousness 25.0 (k) S Total Tributary Length 12599 (h) C Outfalls 2 / 25 S F Querts 4* within reach 3 A R Channelization 10 / 15 B A R Channelization 10 / 15 B A Romanelization 10 / 15 B A Romanelization 17 / 10 I T E Bed Materials 3 / 5 S Noducetal Area 3 / 5 T E Bed Materials 3 / 5 T E Bed Materials 3 / 5 S I T E Bed Materials 3 / 5 S I T E Bed Materials 3 / 5 S Noducetal Area 3 / 5 S Noducetal Area 3 / 5 S Noducetre 4* within reach 3	G S Upstream Drainage Area 0.07 (mi ²) A Reach length 1478 (fr) T Distance to US SX/ficadwaters 1395 (fr) S Drainage Area Imperviousness 25.0 (%) S Drainage Area Imperviousness 25.0 (%) T Totial Tributary Length 3.137 (fr) G Cuiverts 6.20 (%) S P Rights # within reach 0 G Cuiverts 6.21 (%) 3 C Uverts Cuiverts 145 2 S Cuiverts 6.20 (%) 1 1/5 R Cuiverts 145 2 2 S P Distance to US SX/ficadwaters 2.8 2 S Cuiverts 6.10 (fr) R Cuiverts 4.15 S Cuiverts S 1/5 R R 1/5 A R Cuiverts 6.20 (fr) 1/5 R R R B A fragraina Width - DSI 1/5 R R R R I <td< td=""><td></td><td>-</td><td></td><td><i>0</i></td><td></td></td<>		-		<i>0</i>	
T Dipstream Drainage Area 0.07 (mi ²) A Reach length 1478 (ft) 1 Distance to US XSUC influence 1305 (ft) 2 Distance to US XSUC influence 1305 (ft) 3 Distance to US XSUC influence 1305 (ft) 5 Distance to US XSUC influence 1305 (ft) 7 Shed Imperviousness 22.0 (%) 1 Columbia 8 within reach 3 6 Dominage Area Imperviousness 22.1 (%) 12 7 A Curvets 6 /20 13599 (ft) 8 Pressort 8 (ft) 12 7 A Curvets 6 /20 10 /15 8 A R Riparian Width -DSI 1/5 9 A R Riparian Composition -DSI 1/5 1 M Shead Stability 3 /5 1 A R 1 T Reach Red Stability 3 /5 1 A R Riparian Composition -DSI 1 /5 1 M Shead Stability 3 /5 1 F E Bed Materials 3 /5 1 1 T Reade Stability <t< td=""><td>T Upstream Drainage Area Reach length 0.07 (mi²) T Distance to DS XS/Confluence 1305 (th) S Drainage Area Imperviousnes 25.0 (%) S Total Tributary Length 13599 (th) C Durfalls 2 / 25 S F Outfalls 2 / 25 S Culverts 6 / 20 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Channelization 10 / 15 A R Channelization 10 / 15 A R Channelization 1 / 5 I F Reach Bed Stability 3 / 5 Y R Bank Erosion 3 / 5 S S T Sedimetrizes Y R Bank Erosion 3 / 5 S S Sedimetrizes 7 / 10 T R Bank Erosion 3 / 5 R S Sedimetrizes 3 / 5 Y R Bank Erosion 3 / 5 S Sedimetrize</td><td></td><td>0 / 20</td><td></td><td></td><td></td></t<>	T Upstream Drainage Area Reach length 0.07 (mi ²) T Distance to DS XS/Confluence 1305 (th) S Drainage Area Imperviousnes 25.0 (%) S Total Tributary Length 13599 (th) C Durfalls 2 / 25 S F Outfalls 2 / 25 S Culverts 6 / 20 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Channelization 10 / 15 A R Channelization 10 / 15 A R Channelization 1 / 5 I F Reach Bed Stability 3 / 5 Y R Bank Erosion 3 / 5 S S T Sedimetrizes Y R Bank Erosion 3 / 5 S S Sedimetrizes 7 / 10 T R Bank Erosion 3 / 5 R S Sedimetrizes 3 / 5 Y R Bank Erosion 3 / 5 S Sedimetrize		0 / 20			
T Dipstream Drainage Area 0.07 (mi ²) A Reach length 1478 (ft) 1 Distance to US XSUC influence 1305 (ft) 2 Distance to US XSUC influence 1305 (ft) 3 Distance to US XSUC influence 1305 (ft) 5 Distance to US XSUC influence 1305 (ft) 7 Shed Imperviousness 22.0 (%) 1 Columbia 8 within reach 3 6 Dominage Area Imperviousness 22.1 (%) 12 7 A Curvets 6 /20 13599 (ft) 8 Pressort 8 (ft) 12 7 A Curvets 6 /20 10 /15 8 A R Riparian Width -DSI 1/5 9 A R Riparian Composition -DSI 1/5 1 M Shead Stability 3 /5 1 A R 1 T Reach Red Stability 3 /5 1 A R Riparian Composition -DSI 1 /5 1 M Shead Stability 3 /5 1 F E Bed Materials 3 /5 1 1 T Reade Stability <t< td=""><td>T Upstream Drainage Area Reach length 0.07 (mi²) T Distance to DS XS/Confluence 1305 (th) S Drainage Area Imperviousnes 25.0 (%) S Total Tributary Length 13599 (th) C Durfalls 2 / 25 S F Outfalls 2 / 25 S Culverts 6 / 20 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Channelization 10 / 15 A R Channelization 10 / 15 A R Channelization 1 / 5 I F Reach Bed Stability 3 / 5 Y R Bank Erosion 3 / 5 S S T Sedimetrizes Y R Bank Erosion 3 / 5 S S Sedimetrizes 7 / 10 T R Bank Erosion 3 / 5 R S Sedimetrizes 3 / 5 Y R Bank Erosion 3 / 5 S Sedimetrize</td><td>S</td><td></td><td>S</td><td>Dams - # within reach</td><td>0</td></t<>	T Upstream Drainage Area Reach length 0.07 (mi ²) T Distance to DS XS/Confluence 1305 (th) S Drainage Area Imperviousnes 25.0 (%) S Total Tributary Length 13599 (th) C Durfalls 2 / 25 S F Outfalls 2 / 25 S Culverts 6 / 20 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Cannelization 10 / 15 A R Channelization 10 / 15 A R Channelization 10 / 15 A R Channelization 1 / 5 I F Reach Bed Stability 3 / 5 Y R Bank Erosion 3 / 5 S S T Sedimetrizes Y R Bank Erosion 3 / 5 S S Sedimetrizes 7 / 10 T R Bank Erosion 3 / 5 R S Sedimetrizes 3 / 5 Y R Bank Erosion 3 / 5 S Sedimetrize	S		S	Dams - # within reach	0
A Reach length 1478 (f) T Distance to US XS/Headwaters 1194 (f) S Distance to DS XS/Confluence 250 (%) S Tisked Imperviousness 250 (%) T State Imperviousness 250 (%) S Total Tributary Length 13599 (f) C Outfalls 2 / 25 S F Outfalls 2 / 25 S F Outfalls 2 / 25 S Culverts 6 / 20 A R Culverts 3 / 5 S Culverts 6 / 20 A R Riparian Width - DSR 2 / 8 S Culverts 6 / 20 A R Riparian Composition - DSR 1 / 5 B A Infastructure Pts 1 / 5 A R M Infastructure Pts 1 / 5 A R Riparian Composition - DSR 1 / 5 I M Canopy Cover - DSR 4 / 5 A T Bed Materials 2 / 5 S Entendenterols 3 / 5 T F <td>A Reach length 1478 (f) T Distance to US XS/Headwaters 1194 (f) 1 Distance to DS XS/Confluence 1305 (f) 5 Drainage Area Imperviousness 25.0 (%) 21 (%) 22.1 (%) 1 Distance to DS XS/Readwaters 13599 (f) 1 Distance to DS XS/Readwaters 13599 (f) 1 Distance to DS XS/Readwaters 1478 (f) 1 Take to Distance to DS XS/Readwaters 1478 (f) 2 Z1 (%) S 15 5 F Outfalls 2/25 6 A R Riparian Composition - DSR 1/5 1 R Readwaters 2/5 1 6 Din faiters 2/5<!--</td--><td></td><td>$0.07 (\text{mi}^2)$</td><td></td><td></td><td></td></td>	A Reach length 1478 (f) T Distance to US XS/Headwaters 1194 (f) 1 Distance to DS XS/Confluence 1305 (f) 5 Drainage Area Imperviousness 25.0 (%) 21 (%) 22.1 (%) 1 Distance to DS XS/Readwaters 13599 (f) 1 Distance to DS XS/Readwaters 13599 (f) 1 Distance to DS XS/Readwaters 1478 (f) 1 Take to Distance to DS XS/Readwaters 1478 (f) 2 Z1 (%) S 15 5 F Outfalls 2/25 6 A R Riparian Composition - DSR 1/5 1 R Readwaters 2/5 1 6 Din faiters 2/5 </td <td></td> <td>$0.07 (\text{mi}^2)$</td> <td></td> <td></td> <td></td>		$0.07 (\text{mi}^2)$			
T Distance to DS XS/feadwaters 1194 (f) 1 Distance to DS XS/Confluence 1306 (f) 5 Distance to DS XS/Confluence 1306 (f) 7 Shed Imperviousness 22.1 (s) 1 Total Tributary Length 1399 (f) 0 Dutfall Area 2 5 Distance to DS XS/Confluence 21.1 (s) 7 Shed Imperviousness 22.1 (s) 10 Dutfall Area 3 5 Distance to DS XS/Confluence 2.21 (s) 1 Total Tributary Length 3 0 Dutfall Area 2 5 Dutfalls 6 /20 A A reverts 6 /20 A Infrastructure Pts 1 /5 1 M Share Stress 7 /10 1 M Share Stress 7 /10 1 T Reach Bed Stability 3 /5 5 S T E Bed Materials 3 /5 7 R Bank Ension 3 /5 8 Bank Ension 3 /5 9 S S Notopy Cover	T Distance to DS XS/Conference 1149 (t) S Diatage to DS XS/Conference 1366 (t) S Diatage Area Imperviousness 25.0 (%) S Diatage Area Imperviousness 25.0 (%) S Diatage Area Imperviousness 25.0 (%) Outfalls C Confluence.* # within reach 3 C Outfalls 2.1 (%) 1369 (t) C Outfalls 2.2 (%) 1369 (t) S * Outfalls 2.2 (%) T A R Reparian With-DSR 3 A R Channelized within reach 28 S * Channelized within reach 28 S * Channelized within reach 28 S * Outfalls 2/25 B and Erosion 10/15 R Riparian Composition -DSL 1/5 I T R Reach Bed Stability 3/5 1 7 S B and Erosion 3/5 1 7 S B and Erosion 3/5 5 5 S Bod Materials				-	
1 Distance to DS XS(Confluences 1250 (%) 250 (%) 250 (%) 1 Total Tributary Length 13599 (f) 1 Total Tributary Length 13599 (f) 25 1 Confluences - # within reach 2 2 1 (%) Culverts - # within reach 3 5 Total Tributary Length 13599 (f) R Culvert - # within reach 145 6 2 (Culvert - # within reach) 9.8 28.8 28.8 5 T A (Channelization) 10 / 15 N N N N 28.8 1.7.5 1 M Shear Stress 7 / 10 N N N N N 2.7.5 1 T Reach Bed Stability 3 / 5 N N Canopy Cover - DSL 4 / 5 1 T Reach Bed Stability 3 / 5 N N S N N S 1 T Reach Bed Stability 3 / 5 S N N S S N N S S	1 Distance to D5 XS/Confluence Drainage Area Imperviousness T Shed Imperviousness Total Tributary Length Outfall Area 1305 (f) 250 (S) 21.1 (%) 13599 (f) 0.15399 (f) 8.1 (fr) C Manholes - # within reach T Confluences - # within reach 3.1 Culverts # within reach 8.2 Culvert Length - ft within reach 9.8 % Clannelized within reach 9.8 % % Clann	0	• •		8	
T Shed Imperviousness 22.1 (%) Total Tributary Length 13599 (ft) S S S Culverts - # within reach 3 S Culverts - # within reach 145 A R channelization 10 /15 B A Riparian Composition - DSL 1 /5 I R Riparian Composition - DSL 1 /5 I R Rach Bod Subility 3 /5 S Bed Materials 2 /5 Sinuosity S Science Supple 5 /5 S Nody Debris 3 /5 H A B In f	T Shed Imperviousness 22.1 (%) 1 Total Tributary Length 13599 (ft) S S Culverts - # within reach 3 S P Outfall Area 98 S Culverts 6 / 20 A R channelization 10 / 15 B A Infrastructure Pts 1 / 5 I T Reprint Composition - DSR 1 / 5 I T Reprint Composition - DSR 1 / 5 I T Reprint Composition - DSR 1 / 5 I T Reprint Composition - DSR 1 / 5 I T Reprint Reprint Composition - DSR 1 / 5 I T Reprint Reprint Composition - DSR 1 / 5 I T Reprint Repr		()			
1 Total Tributary Length 13599 (ft) R Culvert Length - ft within reach 145 S S P Outfall Area 145 9.8 S P Outfall S 2/25 % Calverted within reach 9.8 S P Outfall S 2/25 % Calvertid within reach 9.8 S Culverts 6 / 20 R Riparian Width - DSL 1 / 5 A R Channelization 10 / 15 R Riparian Composition - DSR 1 / 5 I M Shear Stress 7 / 10 I R Riparian Composition - DSR 1 / 5 I T Reach Bed Stability 3 / 5 I M Canopy Cover - DSL 4 / 5 I T E Bed Materials 3 / 5 S Notation attributary Length 5 / 5 S Notation B 3 / 5 R Simosity 5 / 5 S S S Etrenchment Ratio 3 / 5 R Simosity 5 / 5 S Notation B S S Attachment Sites 0 / 5 Voody Debris	1 Total Tributary Length 13599 (fr) R Culvert Length - ft within reach 9.5 S P Outfall Area 2.25 S 9.6 A R Calverts 6.20 A R Channelized within reach 9.8 A R Channelized within reach 9.8 28.8 2.8 F R Culverts 6.20 A R Channelized within reach 9.8 A R Channelized within reach 9.8 2.8 2.8 2.8 F R Channelized within reach 9.6 2.8 1.75 A R Channelized within reach 9.6 2.8 F R Calverts 1.75 1.75 A R Riparian Width - DSR 1.75 I T Bed Materials 3.75 1.75 Y R Bank Erosion 3.75 5 5 Sinuosity 5.75 Y R Bank Erosion 3.75 5 S Woody Debris 3.75 S	S Drainage Area Imperviousness		Т	Confluences - # within reach	2
C Outfall Area 8.1 (ft ²) E % Culverted within reach 9.8 S F Qutfalls 2/25 7.4 Culverts 3/5 A R Channelized within reach 9.8 25.8 F R Riparian Width - DSR 3/5 1/5 R A R Riparian Width - DSR 1/5 I M Shear Stress 7/10 I R Riparian Composition - DSL 1/5 I M Channelized within reach 9.8 215 1/5 I T Reach Bed Stability 3/5 1 1 Riparian Composition - DSL 1/5 I T Reach Bed Stability 3/5 1 T E Bed Materials 2/5 S Bine Erosion 3/5 5 T E Sectiment Supply 5/5 S Woody Debris 3/5 3/5 S Woody Debris 3/5 S Woody Debris A D S V A Motin g ton . To winship B	C Outfall Area 8.1 (ft ²) E % Culverted within reach 9.8 S F P Outfalls 2/25 1 T A Culverts 6/20 1 A A R Channelization 10/15 A R Riparian Width - DSR 1/5 I M Sters Stress 7/10 1 R Riparian Composition - DSR 1/5 I T Reach Bed Stability 3/5 T E Cannol Type 3/5 T E Bed Materials 2/5 4/5 4/5 T R Bed Materials 2/5 5 T R Bed Materials 2/5 S Entrenchment Ratio 5/5 5 S Woody Debris 3/5 S Woody Debris 3/5 3/5 5 S Woody Debris 3/5 S Woody Debris 3/5 3/5 5 S 0/5	T Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	3
S % Channelized within reach 28.8 S % Channelized within reach 28.8 A R Culverts 6.720 A R Channelization 10.75 B A Infrastructure Pts 1.75 I T A Reach Bed Stability 3.75 T T Bed Materials 3.75 S Extendement Ratio 3.75 S Extendement Ratio 3.75 S Extendement Ratio 3.75 S State State 3.75 S Extendement Ratio 3.75 S Extendement Ratio 3.75 S Extendement Ratio 3.75 S H A Reprint Ratio 3.75 S H T E Reforment State S Moody Debris 3.75 S H A Bin g ton Township A A Bin g ton Township	S S % Channelized within reach 28.8 F A Culverts 6 / 20 10 / 15 1 / 5 1 / 5 1 / 5 A R Channelization 10 / 15 A R Riparian Composition - DSR 1 / 5 1 / 5 I M Shear Stress 7 / 10 A T B ed Materials 2 / 5 1 / 5 I T R each Bed Stability 3 / 5 1 / 5 4 / 5 T E Bed Materials 3 / 5 5 / 5 5 / 5 S Entrenchment Ratio 3 / 5 5 / 5 5 / 5	I Total Tributary Length		R	Culvert Length - ft within reach	145
S P Outfalls 2 / 25 6 / 20 A R Culverts 6 / 20 10 / 15 A R Channelization 10 / 15 1,5 I M Shear Stress 7 / 10 A R Riparian Composition - DSI. 1 / 5 I T Reach Bed Stability 3 / 5 R Riparian Composition - DSI. 1 / 5 I T Reach Bed Stability 3 / 5 R Ranci Compy Cover - DSI. 4 / 5 I T Each Bed Stability 3 / 5 S A T Ed Materials 2 / 5 Y R Bank Erosion 3 / 5 S Sediment Supply 5 / 5 S Woody Debris 3 / 5 Stachment Sites 0 / 5 V T E Bed Materials 2 / 5 S S Entrenchment Ratio 5 / 5 S S Voody Debris 3 / 5 S Woody Debris 3 / 5 S Voody Debris 3 / 5 Voody Debris Match rester S Woody Debris	S P Outfalls 2/25 Biparian Width - DSR 3 /5 A R Channelization 10 /15 A R Riparian Composition - DSR 1 /5 M Shear Stress 7 /10 B A R Riparian Composition - DSR 1 /5 I M Shear Stress 7 /10 B A R Riparian Composition - DSR 1 /5 I T Reach Bed Stability 3 /5 T E Canney Cover - DSL 4 /5 T E Bed Materials 2 /5 Sinuosity 5 /5 5 Y R Bank Erosion 3 /5 5 S 5 /5 Sinuosity 5 /5 S Entrenchment Ratio 5 /5 S Nody Debris 3 /5 3 /5 S Entrenchment Ratio 5 /5 S Nody Debris 3 /5 3 /5 S Woody Debris A 7 B /5 Nody Debris A /5 H A B /5 /5 Nody Debris A /5 A /5 A /5 H	C Outfall Area	8.1 (ft ²)	E	% Culverted within reach	9.8
T A Culverts 6 / 20 H A Riparian Width - DSL 1 / 5 A Art Channelization 10 / 15 B A Riparian Composition - DSR 1 / 5 B A Infrastructure Pts 1 / 5 B A Riparian Composition - DSR 1 / 5 I M Shear Stress 7 / 10 I M Canopy Cover - DSR 4 / 5 I T Reach Bed Stability 3 / 5 I M Canopy Cover - DSL 4 / 5 Y R Bank Erosion 3 / 5 I T E Bed Materials 2 / 5 S Entrenchment Ratio 5 / 5 S Woody Debris 3 / 5 S Entremchment Ratio 5 / 5 S Woody Debris 3 / 5 Attachment Sites 0 / 5 0 / 5 S Voody Debris 3 / 5 Attachment Sites 0 / 5 0 / 5 V A D (n g t on .To w n ship)	T A Culverts 6 / 20 H A Riparian Width - DSL 1 / 5 A R Channelization 10 / 15 A R Riparian Composition - DSR 1 / 5 B A Infrastructure Pts 1 / 5 B A Infrastructure Pts 1 / 5 I M Shear Stress 7 / 10 I M Canopy Cover - DSR 4 / 5 I T Reach Bed Stability 3 / 5 T E E ded Materials 2 / 5 Y R Bank Erosion 3 / 5 T E E ded Materials 2 / 5 S Entrenchment Ratio 5 / 5 S Woody Debris 3 / 5 S Entrenchment Ratio 5 / 5 S Woody Debris 3 / 5 V R Bank Erosion 3 / 5 S S Woody Debris 3 / 5 S Woody Debris 3 / 5 Attachment Sites 0 / 5 5	S		S	% Channelized within reach	28.8
A R Channelization 10 / 15 A R Riparian Composition - DSR 1 / 5 B A Infrastructure Pts 1 / 5 R Riparian Composition - DSR 1 / 5 I M Shear Stress 7 / 10 R Riparian Composition - DSR 1 / 5 I T Reach Bed Stability 3 / 5 R Riparian Composition - DSR 4 / 5 T T Reach Bed Stability 3 / 5 S R Riparian Composition - DSR 4 / 5 T T Reach Bed Stability 3 / 5 S <td>A R Channelization 10 /15 A R Riparian Composition - DSR 1 /5 I M Shear Stress 7 /10 I M Riparian Composition - DSR 4 /5 I E Channel Type 3 /5 I M Canopy Cover - DSR 4 /5 I T Reach Bed Stability 3 /5 I M T E Canopy Cover - DSR 4 /5 I T Reach Bed Stability 3 /5 I T E Ganpy Cover - DSL 4 /5 S Back Erosion 3 /5 T E Sediment Supply 5 /5 S Entrenchment Ratio 5 /5 S Sediment Supply 3 /5 S Entrenchment Ratio 5 /5 S Sediment Supply 3 /5 R R Sinuosity 0 /5 S Attachment Sites 0 /5</td> <td>S P Outfalls</td> <td>2 /25</td> <td>Р</td> <td>Riparian Width - DSR</td> <td>3 /5</td>	A R Channelization 10 /15 A R Riparian Composition - DSR 1 /5 I M Shear Stress 7 /10 I M Riparian Composition - DSR 4 /5 I E Channel Type 3 /5 I M Canopy Cover - DSR 4 /5 I T Reach Bed Stability 3 /5 I M T E Canopy Cover - DSR 4 /5 I T Reach Bed Stability 3 /5 I T E Ganpy Cover - DSL 4 /5 S Back Erosion 3 /5 T E Sediment Supply 5 /5 S Entrenchment Ratio 5 /5 S Sediment Supply 3 /5 S Entrenchment Ratio 5 /5 S Sediment Supply 3 /5 R R Sinuosity 0 /5 S Attachment Sites 0 /5	S P Outfalls	2 /25	Р	Riparian Width - DSR	3 /5
B A Infrastructure Pts 1 / 5 I M Shear Stress 7 / 10 L E Channel Type 3 / 5 T T Reach Bed Stability 3 / 5 T E Bed Materials 3 / 5 S Entrechment Ratio 3 / 5 S Moographic S Voody Debris 3 / 5 A Entrechment Ratio 0 / 5	B A Infrastructure Pts 1 / 5 I M Shear Stress 7 / 10 L E Channel Type 3 / 5 T T Reach Bed Stability 3 / 5 T E Bed Materials 3 / 5 T E Bed Materials 3 / 5 S Entrenchment Ratio 5 / 5 S Entrenchment Ratio 5 / 5	T A Culverts	6 /20	H A	Riparian Width - DSL	1 /5
I M Shear Stress 7 /10 3 /5 4 /5 I T Reach Bed Stability 3 /5 4 /5 4 /5 I T Reach Bed Stability 3 /5 4 /5 4 /5 Y R Bed Materials 2 /5 4 /5 S Entrenchment Ratio 3 /5 5 5 5 Woody Debris 3 /5 3 /5 3 /5 3 /5 H K S S S 5 /5 Entrenchment Ratio 5 /5 S Woody Debris 3 /5 Attachment Sites 0 /5 0 /5 5	I M Shear Stress 7 / 10 I M Canopy Cover - DSR 4 / 5 I T Reach Bed Stability 3 / 5 A T E Bed Materials 2 / 5 Y R Bank Erosion 3 / 5 A T Bed Materials 2 / 5 S Entrenchment Ratio 5 / 5 S S S S I transference M T E Red Materials 2 / 5 S Entrenchment Ratio 3 / 5 S S S Woody Debris A 7 A T Rest S Entrenchment Ratio 5 / 5 S A T N S Woody Debris A 7 A T Rest A A A A A Matchinet Steps 0 / 5 S S Woody Debris A A A A A A A A A A A A A A B A A A A B				1 1	1 /5
L E Channel Type 3 / 5 I T Reach Bed Stability 3 / 5 T E Bed Materials 2 / 5 S Entrenchment Ratio 5 / 5 S A T E Canopy Cover - DSL 4 / 5 2 / 5 S Entrenchment Ratio 5 / 5 S Materials 3 / 5 Attachment Sites 0 / 5	L E Channel Type 3/5 T E Canopy Cover - DSL. 4/5 I T Reach Bed Stability 3/5 T E Bed Materials 2/5 S Bank Erosion 3/5 T E Sediment Supply 5/5 Bank Erosion 5/5 Sinuosity 3/5 3/5 3/5 Interachment Ratio 5/5 Sinuosity 3/5 3/5 Interachment Ratio 5/5 Sinuosity 3/5 Interachment Ratio 5/5 S S S Odd Odd S O/5 S					,
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T E Bed Materials 3 / 5 S Bank Erosion 3 / 5 Entenchment Ratio 5 / 5 S S Bed Materials 3 / 5 S S Bed Materials 0 / 5	T E Bed Materials 3 /5 3 /5 Sediment Supply 5 /5 S Entrenchment Ratio 5 /5 Sinuosity 5 /5 S Woody Debris 3 /5 3 /5 Attachment Sites 0 /5					1
Y R Sinusity 5 / 5 Bank Erosion 5 / 5 3 / 5 Entrenchment Ratio 5 / 5 3 / 5 Attachment Sites 0 / 5	Y R Sinuality 5 / 5 Bank Erosion 3 / 5 5 / 5 S Sinuality 3 / 5 Attachment Sites 0 / 5	-				
S Entrenchment Ratio 5/5 S Woody Debris 3/5 Atachment Sites 3/5 0/5 0/5	s Entrenchment Ratio 5 / 5 s Woody Debris Attachment Sites 3 / 5 0 / 5					
Attachment Sites 0/5	Attchment Sites 0 /5				2	
A bington Township	A bington Township		070			
	Man	Cheltemb			gion Township	

Image: Total Score 39 / 155 N Stability Score 21 / 100 N Hability Score 17 / 102 N Findita Score 18 / 155 Priority In Shed 107 / 102 N Findity In Tributary 107 / 102 S Upstream Dainage Area 012 (m ²) A Reach length 012 (m ²) D Distance to DS Xy (merce 265 (h) D Distance to DS Xy (merce 265 (h) S Drainage Area 012 (h ²) I Lotal Tributary Length 1399 (h) U Cutralls = * within reach 0 I Lotal Tributary Length 1399 (h) U Cutrall Area 012 (h ²) S I Catter Length - ft within reach 0 C Cutrall Area 0 / 5 S I Catter Length - ft within reach 0 S I for Sheed Inperviousnes 27 (h) I total Tributary Length 1399 (h) 0.2 (h ²) K Lotar Cone Shet 0 / 5	R					
N Stability Score 11/10 Interview Interview <thinterview< th=""> Interview <</thinterview<>		Total Score	39 / 155	T	T	14
K Habitat Score 18 / 55 N Priority In Shed 101 / 102 O Distance to US XS/Headwates 103 (ft) S Distance to US XS/Headwates 103 (ft) S Distance to US XS/Indeadwates 102 (ft) S Distance US XS/Indeadwates 102 (ft) S Pionicity In Tributary 0 (ft) S Pionicity In Tributary 102 (ft) S Pionicity In Tributary 102 (ft) S Pionicity In Tributary 102 (ft) I nd Karsiteurur Pis 1/5 I nd Karsiteurur Pis 1/5						
Priority In Shed 101 / 102 0 Cheltenham Township 0 Cheltenham Township 0 Cheltenham Township 0 S Cutatils 4 / 25 S S S Cutatils S S S S S S S S S S S S S S			-			
N Priority In Tributary 10 / 10 S Upstream Drainage Area Reach length 0.12 (m ³) 931 (f) Distance to US XS/Headwaters 1305 (f) S Distance to DS SX/Confluence 0 Distance to DS SX/Onfluence 305 (f) 0 Distance to DS SX/Readwaters 1305 (f) 0 0 S Distance to DS SX/Onfluence 0 0 T Shed Imperviousness 26.5 (%) 0 0 Total Inperviousness 22.1 (%) 0 0 0 S Doutfall Area 0.20 (f) R Riparian Width - DSR 0 S Confusition 0.15 A R Riparian Width - DSR 0./5 S R Infrastructure Pts 1./5 B A Riparian Composition - DSR 0./5 I t R Reach Bed Stability 3./5 I M Canopy Cover - DSL 4./5 I t R Reach Bed Stability 3./5 T E ded Materials 0./5 Startan Stress 0./5 S B ed Materials 0./5 Startane Stress			-			
G S T Upstream Drainage Area A Reach length 0.12 (m ³) (m) T Distance to US X5/Gendwaters Distance to US X5/Gendwaters Sbed Imperviousness T Shed Imperviousness Datage Area Imperviousness Datage Area Imperviousness 2.2.1 (%) 0 0 T Pipes - # within reach Doutfalls - # within reach C Outfalls - # within reach D Outfalls - # Within				U	Chertenna	<u>in rownsinp</u>
S Image Area Reach length 0.12 (mi ¹) T Distance to US XS/Confluence 931 (ft) 1 Distance to US XS/Confluence 385 (ft) 2 C Manbels - # within reach 0 1 Distance to US XS/Confluence 385 (ft) 0 0 2 C Manbels - # within reach 0 0 1 Distance to US XS/Confluence 385 (ft) 0 0 0 2 C Manbels - # within reach 0 0 0 1 Total Tributary Length 102 (ft) 1 Culverts - # within reach 0 3 T A Infrastructure Pis 1/5 1 Rearbanelized within reach 0 5 P Outfall Area 0/20 N R Riparian Width - DSL 0 0 5 R Infrastructure Pis 1/5 N R Riparian Composition - DSL 0 0 5 1 T Reach Bed Stability 3/5		rriority in Tributary	10 / 10			
TUpstream Drainage Area Reach length0.12 (m1) 931 (f)TDistance to US XS/Confluence S Drainage Area Imperviousness 2.55 (ft) C Outfall Area931 (ft) 1359 (ft) 1359 (ft)TShe dimperviousness 2.55 (ft) C Outfall Area0.25 (ft) 2.55 (ft) 10.2 (ft)SPTOutfall AreaO0.12 (ft)SPTCulvertsO0.12 (ft)S0.12 (ft)SPTA Infrastructure Pis 1 1/5TTRBayarian Width - DSL 0.0A Infrastructure Pis TTR Beak Bed Stability 3 /5TEB ed Materials STB ank Erosion 1 /5TB ank Erosion 3 /5TEB diment RatioTIf the output for the outpu						2
A Reach length 931 (f) T Distance to DS X5/Headwaters 933 (f) I Distance to DS X5/Headwaters 555 (f) S Drainage Area Imperviousness 22.5 (%) I Total Tributary Length 1359 (f) I Total Tributary Length 102 (fr) S Outfalls -# within reach 0 C Outfalls -# within reach 0 C Outfalls -# within reach 0 C Outfalls -# within reach 0 S P Outfalls Area 0.0 S P Outfalls 4 /25 A R Culverts 0 /20 N A R Channelized within reach 0.0 S P Riparian Composition -DSR 0 /5 A R Infrastructure Pts 1 /5 I M Riparian Composition -DSR 0 /5 I T Reach Bed Stability 3 /5 I I Canopt Cover -DSR 4 /5 I T Reach Bed Stability 3 /5 S Stanosity 3 /5 <tr< td=""><th></th><td></td><td></td><td></td><td></td><td></td></tr<>						
TDistance to US XS/Headwaters1305 (ft)IDistance to DS XS/Confluence385 (ft)SDistance to DS XS/Confluence385 (ft)SDistance to DS XS/Confluence26.5 (%)IDistance to DS XS/Confluence20.1 (%)SDistance to DS XS/Confluence20.1 (%) <th></th> <td>-</td> <td></td> <td></td> <td>-</td> <td></td>		-			-	
I Distance to DS XS/Confluence 585 (ft) S Drainage Area Imperviousness 26.5 (%) 1 Total Tributary Length 13599 (ft) 1 Total Tributary Length 13599 (ft) 1 Outfall Area 0.0 S P Outfall Area 0.0 S Channelized within reach 0.0 S P Riparian Composition - DSR 0.0 L E Channelized within reach 0.0 1 L E Channel Type 0./5 A R I T Reach Bed Stabili			. ,		8	
S Drainage Area Imperviousness 26.5 (%) T Shed Imperviousness 22.1 (%) I Total Tributary Length 13999 (h) Outfall Area 0 S P Outfalls 4 /25 T A Culverts 0 /15 B A Infrastructure Pts 1 /5 I Total 1/5 I M Shear Stress 7 /10 I E Canopt Zotta 4 /5 I Canopt Zotta A R I M Shear Stress 7 /10 I M Canopt Zotta 4 /5 I T Reach Bed Stability 3 /5 I M Canopt Zotta 4 /5 T E Bed Materials 2 /5 I M Canopt Zotta 4 /5 S Entrenchment Ratio 1 /5 I R Sinussity 3 /5 S Entrenchment Ratio 1 /5 R Sinussity 3 /5 S Entrenchment Ratio 1 /5 Sinussity 3 /5 3 /5 S Entrenchment Ratio 1 /5 Sinussity 3 /5 3 /5 Y R						
T Shed Imperviousness 22.1 (%) T Total Tributary Length 13599 (ft) 0.2 (ft) S Duffalls 4 /25 S V Culverts - # within reach 0 S V Culverts - # within reach 0 S P Outfalls 4 /25 0 A Channelization 0 /15 B R Riparian Width - DSR 0 /5 A R Channelization 0 /15 B R Riparian Composition - DSR 0 /5 I M Shear Stress 7 /10 I M Canopy Cover - DSR 4 /5 I T Reach Bed Stability 2 /5 I M Canopy Cover - DSL 4 /5 I T Reach Bed Stability 3 /5 I E Sciment Supply 1 /5 Y R Bank Erosion 3 /5 I S Woody Deris 3 /5 S Entrenchment Ratio 1 /5 S Scimuosity 3 /5 S Woody Deris 0 /5 S S Woody Deris 0 /5 S Woody Deris 0 /5 S						
1 Total Tributary Length 13599 (ft) R Culvert Length - ft within reach 0 S 0utfall Area 10.2 (ft ²) R Culverted within reach 0.0 S P Outfalls 4 /25 P Riparian Width - DSR 3 /5 A Culverts 0 /15 H A Riparian Composition - DSR 0 /5 B A Infrastructure Pts 1 /5 B A Riparian Composition - DSR 0 /5 I M Shear Stress 7 /10 T I M Canopy Cover - DSL 4 /5 I T Reach Bed Stability 3 /5 T E Schument Supply 1 /5 Y R Bank Erosion 3 /5 T E Schument Steps 0 /5 S Entrenchment Ratio 1 /5 F Schument Steps 0 /5 5 Voody Debris 3 /5 5 Stackment Steps 0 /5 5 5 Voody Debris 3 /5 5 Stackment Steps 0 /5 5 Voody Debris 3 /5 <th></th> <td></td> <td></td> <td></td> <td></td> <td></td>						
C Outfall Area 10.2 (ft ²) E % Culverted within reach 0.0 S P Outfalls 4 /25 0 /20 % Channelized within reach 0.0 A R Cannelization 0 /15 B A Riparian Width - DSR 0 /5 I M Shear Stress 7 /10 A R Riparian Composition - DSR 0 /5 I T Reach Bed Stability 3 /5 I M Canopy Cover - DSR 4 /5 T E Bed Materials 2 /5 S E Sectional Stability 3 /5 Y R Bank Erosion 3 /5 T E Sectional Stability 3 /5 S Entrenchment Ratio 1 /5 S Woody Debris 3 /5 S Entrenchment Ratio 1 /5 S Woody Debris 0 /5 Attachment Sites 0 /5 S A /5 A /5 A /5 Y R Bank Erosion 3 /5 S Voody Debris 0 /5 S Voody Debris 0 /5 A /5	I			R	Culvert Length - ft within reach	0
S % Channelized within reach 0.0 S P Outfalls 4 / 25 0 / 20 A R Channelization 0 / 15 1 / 5 B A Infrastructure Pts 1 / 5 0 / 5 I M Shear Stress 0 / 10 0 / 5 I M Shear Stress 0 / 10 0 / 5 I T Reach Bed Stability 3 / 5 0 / 5 I T Reach Bed Stability 3 / 5 0 / 5 T E Bed Materials 0 / 5 0 / 5 Bank Erosion 3 / 5 7 1 7 S Entrenchment Ratio 1 / 5 5 Sinuosity 3 / 5 S Materials 0 / 5 3 / 5 0 / 5 5 S Entrenchment Ratio 1 / 5 S Sinuosity 3 / 5 S Woody Debris 3 / 5 0 / 5 5 4tachment Sites 0 / 5 Materials 0 / 5 0 / 5 0 / 5 5 5 5 Voody Deb	С		$10.2 (ft^2)$	Е	-	0.0
T A R Culverts 0 / 20 H A Riparian Width - DSL 0 / 5 B A Infrastructure Pts 1 / 5 Riparian Composition - DSR 0 / 5 I M Shear Stress 7 / 10 I A R Riparian Composition - DSR 0 / 5 I M Shear Stress 7 / 10 I R Riparian Composition - DSR 0 / 5 I E Channel Type 0 / 5 I M Canopy Cover - DSL 4 / 5 I T Reach Bed Stability 3 / 5 A T Bed Materials 0 / 5 Y R Bank Erosion 1 / 5 S S S S Interactment Ratio 1 / 5 S S S S S S S Enterachment Ratio 1 / 5 S S S S S Void Ubbris A 7 S S S S S S Void Ubbris A S S S S S S </td <th>s</th> <td></td> <td></td> <td>S</td> <td>% Channelized within reach</td> <td>0.0</td>	s			S	% Channelized within reach	0.0
T A Cuverts 0/20 H A Riparian Width - DSL 0/5 B A Infrastructure Pts 1/5 Kiparian Composition - DSR 0/5 I M Shear Stress 7/10 F Kiparian Composition - DSR 0/5 I M Shear Stress 7/10 F Kiparian Composition - DSR 0/5 I T E Channel Type 0/5 I M Canopy Cover - DSR 4/5 I T Reach Bed Stability 3/5 A T Bed Materials 0/5 I T Reach Bed Stability 3/5 A T Bed Materials 0/5 S Entrenchment Ratio 1/5 F R Ripoint Sinuosity 3/5 S S Entenchment Ratio 1/5 S S Attachment Sites 0/5 V Y R Bank Erosion 1/5 S S S Attachment Sites 0/5 V Vortin Stort More Units S S S S<	S P	Outfalls	4 /25	р	Riparian Width - DSR	3 /5
A R Channelization 0 / 15 I A R Riparian Composition - DSR 0 / 5 I M Shear Stress 7 / 10 I M Canopy Cover - DSR 4 / 5 I T Reach Bed Stability 3 / 5 T E Canopy Cover - DSL 4 / 5 I T Reach Bed Stability 3 / 5 T E Canopy Cover - DSL 4 / 5 Y R Bank Erosion 3 / 5 T E Sediment Supply 1 / 5 Y R Bank Erosion 3 / 5 S S Woody Debris 3 / 5 S Entrenchment Ratio 1 / 5 S S Woody Debris 3 / 5 Mathematical 0 / 5 T E S S Woody Debris 3 / 5 Attachment Sites 0 / 5 S S Woody Debris 3 / 5 S Mathematical Image: Stability Image: Stability S S S S Moody Debris Image: Stability Image: Stability Image: Stability S						
B A Infrastructure Pts 1 / 5 I M Shear Stress 7 / 10 I E Channel Type 0 / 5 I T Reach Bed Stability 3 / 5 T E Bed Materials 0 / 5 S Entrenchment Ratio 1 / 5 F F Bank Erosion 3 / 5 S Entrenchment Ratio 1 / 5 S Entrenchment Ratio 1 / 5					-	
I M Shear Stress 7/10 L E Channel Type 0/5 I T Reach Bed Stability 3/5 T E Bed Materials 0/5 A T Bed Materials 0/5 Bank Erosion 3/5 Entrenchment Ratio 1/5 F S Woody Debris Attachment Sites 0/5 Attachment Sites 0/5						
I T Reach Bed Stability 3 /5 A T Bed Materials 0 /5 Y R Bank Erosion 3 /5 Entrenchment Ratio 1 /5 Sediment Supply 3 /5 S Entrenchment Ratio 1 /5 S S Woody Debris 3 /5 Attachment Sites 0 /5 O/5 S S S	I M	Shear Stress		I M		
T E Bed Materials 2 / 5 3 / 5 3 / 5 3 / 5 S Entrenchment Ratio 1 / 5 Status 3 / 5 3 / 5 Void y Debris 3 / 5 3 / 5 3 / 5 Attachment Sites 0 / 5	L E	Channel Type	0 /5	ТЕ	Canopy Cover - DSL	4 /5
Y R S Bank Erosion 3 /5 Entrenchment Ratio 1 /5 S Woody Debris 3 /5 Attachment Sites 0 /5 Attachment Sites 0 /5 Attachment Sites 0 /5	І Т					
S Entrenchment Ratio 1/5 S Woody Debris 3 /5 Attachment Sites 0/5						
Attachment Sites 0/5						
Marvin Rd Burg of town shuff	S	Entrenchment Ratio	1 /5	S		
MeadeRd			Jenkindountid	ienham To	ownship	

A Total Score N Stability Score K Habitat Score I Priority In She N Priority In Tril G S T Upstream Draina	26 / 55	I N F		16
K Habitat Score I Priority In She N Priority In Tril G S	26 / 55		Ionkinto	
K Habitat Score I Priority In She N Priority In Tril G S	26 / 55	F	Telikilito	wn Creek
N Priority In Tril G S	ed 90 /102	-		Rd & Hammond Rd
G S		О		n Township
G S	butary 8/10			
	,			
		S	Dams - # within reach	0
	ge Area 0.04 (mi ²)	т	Pipes - # within reach	0
A Reach length	890 (ft)	R	Bridges - # within reach	0
T Distance to US XS		U	Outfalls - # within reach	2
I Distance to DS XS		С	Manholes - # within reach	1
S Drainage Area Im	perviousness 20.1 (%)	Т	Confluences - # within reach	0
T Shed Impervious		U	Culverts - # within reach	1
I Total Tributary L		R	Culvert Length - ft within reach	74
C Outfall Area	4.4 (ft ²)	E	% Culverted within reach	8.4
S		S	% Channelized within reach	0.0
S P Outfalls	1 /25	Р	Riparian Width - DSR	5 /5
T A Culverts	6 /20	H A	Riparian Width - DSL	1 /5
A R Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
I M Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
L E Channel Type	0 /5	ТЕ	Canopy Cover - DSL	3 /5
I T Reach Bed Stabili	-	A T	Bed Materials	0 /5
T E Bed Materials	2 /5	ТЕ	Sediment Supply	3 /5
Y R Bank Erosion	3 /5	R	Sinuosity Was do Dahaia	5 /5
S Entrenchment Ra	tio 1 /5	S	Woody Debris Attachment Sites	3 /5 0 /5
	Manual Radio Contraction of the second se	el ten ham T ChurchRd	o wn ship	

R				
A Total Score	64 / 155	I	Ī	18
N Stability Score	33 / 100	N		wn Creek
K Habitat Score	31 / 55	F		rch Rd & Ellen Ln
I Priority In Shed	59 /102	0		n Township
N Priority In Tributary	6/10			E_
G	0710	1		
S		S	Dams - # within reach	0
T Upstream Drainage Area	0.06 (mi ²)	T	Pipes - # within reach	2
A Reach length	1276 (ft)	R	Bridges - # within reach	0
T Distance to US XS/Headwaters	1195 (ft)	U K	Outfalls - # within reach	2
I Distance to DS XS/Confluence	1355 (ft)	C	Manholes - # within reach	1
S Drainage Area Imperviousness	22.5 (%)	т	Confluences - # within reach	1
T Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	0
I Total Tributary Length	13599 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	2.0 (ft ²)	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
S P Outfalls	1 /25	Р	Riparian Width - DSR	3 /5
T A Culverts	0 / 20	H A	Riparian Width - DSL	0 /5
A R Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	1 /5
I M Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
L E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	4 /5
I T Reach Bed Stability	4 /5	A T	Bed Materials	4 /5
T E Bed Materials	5 /5	ТЕ	Sediment Supply	5 /5
Y R Bank Erosion	5 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	5 /5	S	Woody Debris Attachment Sites	3 /5 0 /5
	chel	P tenham T	o w n s h T p	

Total Score	71 / 155	I	J	20
Stability Score	36 / 100	N	Jenkinto	wn Creek
Habitat Score	35 / 55	F	250 ft ENE of Tookany Cr	eek Pky & Jenkintown Rd
Priority In Shed	36 /102	О	Cheltenhar	n Township
Priority In Tributary	4/10			-
	,			
		S	Dams - # within reach	0
Upstream Drainage Area	0.16 (mi ²)	т	Pipes - # within reach	0
Reach length	864 (ft)	R	Bridges - # within reach	0
Distance to US XS/Headwaters	1355 (ft)	U	Outfalls - # within reach	1
Distance to DS XS/Confluence	186 (ft)	С	Manholes - # within reach	1
Drainage Area Imperviousness	26.8 (%)	т	Confluences - # within reach	1
Shed Imperviousness	22.1 (%)	U	Culverts - # within reach	1
Total Tributary Length	13599 (ft)	R	Culvert Length - ft within reach	55
Outfall Area	3.1 (ft ²)	Е	% Culverted within reach	6.4
		S	% Channelized within reach	12.9
P Outfalls	1 /25	Р	Riparian Width - DSR	5 /5
A Culverts	6 / 20	н А	Riparian Width - DSL	3 /5
R Channelization	6 /15	A R	Riparian Composition - DSR	4 /5
A Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	1 /5
M Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
E Channel Type	2 /5	ТЕ	Canopy Cover - DSL	3 /5
T Reach Bed Stability	4 /5	A T	Bed Materials	2 /5
E Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
R Bank Erosion	3 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	3 /5	S	Woody Debris	3 /5
			Attachment Sites	0 /5
HammondRd				

R					
	Total Score	71 / 155	I	Ţ.	(2
N	Stability Score	42 / 100	N N		Baeder Creek
K	Habitat Score	42 / 100 29 / 55	F		ent Ave & Ghost Rd
I	Priority In Shed	29 / 33 36 /102	O I		Township
	Priority In Tributary	-	U	Abiligion	Township
G	ritolity in filbulary	1/2			
			C	Dams - # within reach	0
S		a az (²)	S		0
T	Upstream Drainage Area	0.27 (mi ²)	Т	Pipes - # within reach	0
A T	Reach length Distance to US XS/Headwaters	829 (ft) 628 (ft)	R U	Bridges - # within reach Outfalls - # within reach	3
I	Distance to DS XS/Confluence	401 (ft)	C	Manholes - # within reach	1
s	Drainage Area Imperviousness	19.4 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	20.6 (%)	Ū	Culverts - # within reach	3
I	Total Tributary Length	1994 (ft)	R	Culvert Length - ft within reach	135
С	Outfall Area	13.4 (ft ²)	Е	% Culverted within reach	16.3
S			S	% Channelized within reach	56.7
S P	Outfalls	4 / 25	Р	Riparian Width - DSR	5 /5
т А	Culverts	12 /20	н А	Riparian Width - DSL	0 /5
A R	Channelization	12 /15	A R	Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	3 /5
	Channel Type	0 /5	TE	Canopy Cover - DSL	3 /5
	Reach Bed Stability	3 /5	A T T T	Bed Materials	2 /5
	Bed Materials Bank Erosion	3 /5 3 /5	T E R	Sediment Supply Sinuosity	3 /5 5 /5
I K S	Entrenchment Ratio	1 /5	S	Woody Debris	3 /5
0	Entrement Katio	175	5	Attachment Sites	0 /5
A Start of at			gnosited	wn ship	

N Stability Score 27/100 N Stability Score 27/100 N Habilits Score 27/100 N Figure Attain Score 27/100 N State Score 27/100 N Figure Attain Score 27/100 N Datase of DS SQConfuse 27/100 Datase to DS SQConfuse 27/100 100 N Datase to DS SQConfuse 27/100 N Datase to DS SQConfuse 27/100 N Datase to DS SQConfuse 27/100 N Datase to DS SQConfuse 20/10	R					
N Stability Score 27/100 Habitat Score 29/55 Priority In Shed 74/102 G 5 T Upstream Drainage Area 0.03 (mi ⁻) A Reach length 1166 (ft) T Distance to US SX/fleadwaters 401 (ft) G 5 F Distance to US SX/fleadwaters 401 (ft) S Distance to US SX/fleadwaters 309 (%) 20.6 (%) 21 Total Tributary Length C Outfalls - # within reach 0 Culverts - # within reach 1 Outfalls C Outfalls 0 0 (ft) S Piparian Width - DSR 1/5 A R Culverts - # within reach 0 0 (ft) S Piparian Width - DSR 1/5 A R Culverts - # within reach 0 0 /15 B A Infrastructure Pis 1/5 A S S (Channelization 0 /15 B B A Infrastructure Pis 1/5 A I M Channelization 3/5 S		Total Score	56 / 155	I	k	\ 4
K Habital Score 29 / 55 Priority In Shed 74 /102 S The score G The score S Upstream Drainage Area 0.03 (m²) A Reach length 166 (f) T Distance to US SX/Headwaters 401 (f) S Drainage Area 0.03 (m²) S Drainage Area Imperviousness 309 (%) S Drainage Area Imperviousness 20.6 (%) T Total Tributary Length 0.0 (ff) S Paramed Area 0.0 (ff) S Paramed Area 0.0 (ff) S Paramed Area 0.0 (ff) S Culvertise 0.0 (ff) S Paramed Area 0.0 (ff) S Culvert Imath Treach 0.0 (ff) S Paramed Area 0.0 (ff) S Culvert Imath Treach 0.0 (ff) S Culvert Imath Treach 0.0 (ff) S A Infaram Culture Imath Treach 0.0 (ff) S A Channelization 0.0 (ff) B A Riparian Wid						
Priority In Shed 74 /102 0 Abington Township G 5 Upstream Drainage Area 0.03 (ml ²) 1166 (t) A Reach length 1166 (t) 116 (t) 0 J Distance to DS XS/Confluence 975 (t) 0 C S Drainage Area 0.03 (ml ²) 116 (t) 0 0 S Drainage Area 100 (tr) 0 0 0 S Drainage Area 0.03 (ml ²) 0 0 0 S Drainage Area 100 (tr) 0 0 0 S Drainage Area 100 (tr) 0 0 0 S Drainage Area 100 (tr) 0 0 0 S Drainage Area 0.0 (tr) 0 0 0 C Outfalls 0 0 0 0 C Outfalls 0 0 15 0 S P Outfalls 0 0 15 A R Culverts A 0 0 A A Chanelization 0 1 5 A N R Riparian Width - DSR 0 1			-			
N Priority In Tributary 2/2 S Upstream Drainage Area 0.03 (m ²) A Reach length 1166 (ft) J Distance to DS SX/fleadwaters 0.01 (ft) S Drainage Area 0.03 (m ²) T S Drainage Area Imperviousness 30.9 (%) C J Total Tributary Length 0.04 (ft) T C Shed Imperviousness 20.6 (%) T Reach length ft 0.01 (ft) S Primace 0 0 Outfalls # within reach 0 C Outfalls 0.01 (ft) R Riperiam Width - DSR 0.75 S P Outfalls 0.01 (ft) F Riparian Width - DSR 0.75 S A R Channelization 0.75 I A Riparian Width - DSR 0.75 I A Distance tore S % (ft) I M Rapped and Width - DSR 0.75 I M Channelization 0.75 I M Reach Read Stability 4.75 I T Reach Bed Stability			=			• •
G S Dams - # within reach 0 S T Kach length 1166 (ft) Distance to US XS/Headwaters 401 (ft) Bridges - # within reach 0 S Drainage Area Imperiousness 30.9 (%) 20.6 (%) 1 T Sted Imperviousness 20.6 (%) 100 (ft) 1 Culverts - # within reach 0 C Outfall Area 0.00 (ft) 1 Culverts - # within reach 0 S Destance to DS XS/Confluence 975 (ft) 30.9 (%) 20.6 (%) 10 Outfalls - # within reach 0 C Outfall Area 0.0 (ft) 7.7 5 % Channelized within reach 0 S P Outfall Area 0.0 (ft) 7.7 5 % Channelized within reach 0.0 S Calverts 6 /20 A R Riparian Width - DSL 0.75 L E Calverts 6 /30 7.5 T E Calverted within reach 0.0 L E <		2				
T A Reach length Distance to US XS/Headwaters I Distance to US XS/Confluence Drainage Area Imperviousness S to Edimerviousness Dutfall Area000000000000000000000000000000000		Thomy in Thousing	-/-			
T A Reach length T Distance to US XS/Headwaters S T I Distance to US XS/Confluence Drainage Area Imperviousness S S thed Imperviousness Doutfall Area 0.00 (ft')T T B Adl (ft) duff (ft) D99 (ft) D04 (ft)T R Bridges - # within reach O Outfalls - # within reach C Outfalls - # within reach C C Maine to US XS/Confluence S S thed Imperviousness C Outfall Area O (ft')T Pripes - # within reach O Outfalls - # within reach C C C C Maine to US XS/Confluence D0 (ft')T Pripes - # within reach C Outfalls - # within reach C C C C C C Notatian Tributary Length O (ft')T Pripes - # within reach C C C Culverts - within reach C	S			c	Dame # within roach	0
A Reach length 1166 (f) Distance to DS XS/Readwaters 401 (f) S Drainage Area Imperviousness 30.9 (%) Shed Imperviousness 20.6 (%) Dutfall Area 0 Outfalls # within reach Outfalls -# within reach Outfalls 0 Outfalls -# within reach Outfalls -# within reach Outfalls 0 S P Outfalls 0 A Claverts A Claverts A Claverts A R A Itrastructure Pts 1 1/5 B A R Bariane Stress 3 3/5 S E F B ed Materials			$0.02 \ (mi^2)$			
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S Drainage Area Imperviousness 30.9 (%) Shed Imperviousness 20.6 (%) I Total Tributary Length 0.0 (ff) S Duffall Area 0 S Outfalls 0/25 T A Culverts 6/20 A R Channelization 0/15 B A Infrastructure Pts 1/5 I T E Camposition - DSR 1/5 I T E Channel Type 2/5 A R Riparian Composition - DSR 1/5 I T E Ach Bed Stability 4/5 A If Materials 2/5 Sediment Supply 3/5 T E Bed Materials 3/5 T E Sediment Supply 3/5 Y R Bank Erosion 5/5 Sinuosity 5/5 Sinuosity 3/5 Y R Bank Erosion 3/5 S 3/5 S Sinuosity 3/5 Y R Bank Erosion 3/5 S Sinuosity 3/5 Sinuosity 3/5 S Voody Debris 3/5 3/5 Sinuosity 3/5 <td></td> <td></td> <td>· ,</td> <td></td> <td></td> <td>•</td>			· ,			•
T I C Outfall Area20.6 (%) 1994 (ft) 0.0 (ft²)U 1994 (ft) 0.0 (ft²)Culverts - # within reach R Culvert length - ft within reach 83 90 7.7 0.0SP Cutfalls0.0 (ft²)R V Culverts0.0SP Culverts0.0 (ft²)R V Culverts0.0A R Culverts0.0 (ft²)P V V CulvertsRiparian Width - DSL R A R Riparian Composition - DSR0./5 1./5I M S Hear Stress3./10 2./5A R Canopy Cover - DSR1./5 4./5I T F B R S Entrenchment Ratio3./5Y R S Culverts3./5I T F B Channelization3./5I T F T S1./5I T F S S Entrenchment Ratio3./5I T S1 C Culverts3./5I T T S S Entrenchment Ratio3./5I T S S1 Culverts3./5I T S S S Entrenchment Ratio3./5I T S S S S Culverts1.0 CulvertsI S S S S S S S S S S Culverts3./5I S <b< td=""><td></td><td></td><td>· ,</td><td></td><td></td><td>-</td></b<>			· ,			-
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S % Channelized within reach 0.0 S P Outfalls 0 /25 0 /25 Riparian Width - DSR 0 /5 A R Channelization 0 /15 A R Riparian Composition - DSR 1 /5 I M Shear Stress 3 /10 A R Riparian Composition - DSR 1 /5 I M Shear Stress 3 /10 I M Canopy Cover - DSR 4 /5 I T Reach Bed Stability 4 /5 A T Bed Materials 2 /5 S E Channel Type 3 /5 F S Scliment Supply 3 /5 Y R Bank Erosion 5 /5 S S S S S S Entrenchment Ratio 3 /5 S S S S	Ι	Total Tributary Length	1994 (ft)	R	Culvert Length - ft within reach	90
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TACulverts6 / 20ARChannelization0 / 15BAInfrastructure Pts1 / 5IMShear Stress3 / 10LEChannel Type2 / 5ITRCanopy Cover - DSR4 / 5ITRCanopy Cover - DSL4 / 5ITBed Materials3 / 5TEBed Materials3 / 5SEntrenchment Ratio3 / 5GSComposition - DSL4 / 5ITEBed Materials2 / 5SEntrenchment Ratio3 / 5TESEntrenchment Ratio3 / 5SOOOOOIIARiparian Composition - DSR1 / 5IMCanopy Cover - DSR4 / 5Bed Materials3 / 5TESEntrenchment Ratio3 / 5SEntrenchment Ratio3 / 5IIIMCanopy Cover - DSLIIRBed Materials2 / 5SEntrenchment Ratio3 / 5IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII <td>S P</td> <td>Outfalls</td> <td>0 /25</td> <td>Р</td> <td>Riparian Width - DSR</td> <td>0 /5</td>	S P	Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
B A Infrastructure Pts 1 /5 I M Shear Stress 3 /10 L E Channel Type 2 /5 I T Reach Bed Stability 4 /5 T T Reach Bed Stability 4 /5 T T Bed Materials 3 /5 S Bank Erosion 5 /5 Entrenchment Ratio 3 /5 S S Entrenchment Ratio 3 /5 S Entrenchment Ratio 3 /5	т А	Culverts		н А		
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I T T Reach Bed Stability 4 / 5 A T Bed Materials 2 / 5 Sed Materials 3 / 5 5 / 5 5 / 5 Sediment Supply 3 / 5 Interachment Ratio 3 / 5 5 Sediment Supply 3 / 5 Sediment Supply 3 / 5 5 / 5 Sediment Supply 3 / 5 Interachment Ratio 3 / 5 5 Sediment Supply 3 / 5 Voody Debris 3 / 5 3 / 5 Sediment Supply 3 / 5 Interachment Ratio 3 / 5 Sediment Supply 3 / 5 Sediment Supply 3 / 5 Interachment Ratio 3 / 5 Sediment Supply 3 / 5 Sediment Supply S / 5 Interachment Ratio 3 / 5 Sediment Supply S / 5 Sediment Supply S / 5 Interachment Sites 3 / 5 Sediment Supply S / 5 Sediment Supply S / 5 Interachment Sites 3 / 5 Sediment Supply Sediment Supply Sediment Supply Sediment Supply Interachment Sites Sediment Supply Sediment Supply Sediment Supply Sediment Supply Sed						-
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A Culverts 6 / 20 R Channelization 2 / 15 A Infrastructure Pts 0 / 5 M Shear Stress 3 / 10 E Channel Type 0 / 5 B A Riparian Composition - DSR 4 / 5 Channel Type 0 / 5 S 1 M Channel Type 0 / 5 S 3 / 10 R Channel Type 0 / 5 S 3 / 5 Bed Materials 1 / 5 S S ediment Supply 1 / 5 Bed Materials 1 / 5 S S ediment Supply 1 / 5 S Entrenchment Ratio 1 / 5 S S Woody Debris Attohment Sites 0 / 5 5 / 5 5 5 / 5 Materials 1 / 5 S Woody Debris 0 / 5 S Woody Debris 0 / 5 5 / 5 5 Attachment Sites 0 / 5 0 / 5 5 / 5	
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M Shear Stress 3 / 10 I M Canopy Cover - DSR 3 / 5 Channel Type 0 / 5 3 / 5 I M Canopy Cover - DSL 3 / 5 R Bed Materials 1 / 5 I Bed Materials 1 / 5 I / 5 Bank Erosion 1 / 5 I / 5 S Sediment Supply 1 / 5 S I / 5 I / 5 S Woody Debris 3 / 5 Attachment Ratio 1 / 5 S Sody Debris 3 / 5 S Woody Debris 0 / 5 5 Attachment Sites 0 / 5 S Statich 0 / 5	
E Channel Type 0 / 5 3 / 5 Reach Bed Stability 3 / 5 1 / 5 1 / 5 Bed Materials 1 / 5 5 5 Bank Erosion 1 / 5 5 5 Entrenchment Ratio 1 / 5 5 5 Voody Debris 5 / 5 5 / 5 Attachment Sites 0 / 5	
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E Bed Materials 1 /5 1 /5 Bank Erosion 1 /5 1 /5 5 Intrenchment Ratio 1 /5 5 S S Sediment Supply 5 /5 Attachment Sites 0 /5	
R Bank Erosion 1/5 1/5 Sinuosity 5/5 S Bank Erosion 1/5 1/5 Sinuosity 5/5 Mody Debris 0/5 0/5 0/5	
S Entrenchment Ratio 1/5 S Woody Debris 5/5 Attachment Sites 0/5	
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Α	Total Score	74 / 155	I	Ι	.4
N	Stability Score	47 / 100	Ν	Unknown Tributary	<u> L to Tookany Creek</u>
к	Habitat Score	27 / 55	F	-	y Rd & Lismore Ave
I	Priority In Shed	32 /102	Ο		n Township
N	Priority In Tributary	1/2			-
G		·			
S			S	Dams - # within reach	0
т	Upstream Drainage Area	0.11 (mi ²)	т	Pipes - # within reach	0
Α	Reach length	1514 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	1398 (ft)	U	Outfalls - # within reach	2
I	Distance to DS XS/Confluence	594 (ft)	С	Manholes - # within reach	2
S	Drainage Area Imperviousness	35.3 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	23.5 (%)	U	Culverts - # within reach	3
I	Total Tributary Length	2646 (ft)	R	Culvert Length - ft within reach	151
С	Outfall Area	5.3 (ft ²)	E	% Culverted within reach	10.0
S			S	% Channelized within reach	27.6
S P	Outfalls	2 /25		Riparian Width - DSR	3 /5
T A	Culverts	6 /20		Riparian Width - DSL	5 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	1 /5
	Channel Type Reach Bed Stability	5 /5 5 /5	T E A T	Canopy Cover - DSL Bed Materials	1 /5 1 /5
T E	Reach Bed Stability Bed Materials	5/5 1/5	T E	Sediment Supply	3 /5
	Bank Erosion	5 /5	R	Sinuosity	3 /5
	Entrenchment Ratio	5 /5	S	Woody Debris	5 /5
_		- / -		Attachment Sites	3 /5
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Α	Total Score	63 / 155	I	Ν	12
N	Stability Score	33 / 100	Ν	Unknown Tributa	ry M to Rock Creek
к	Habitat Score	30 / 55	F		od Ave & Hedgerow Ln
I	Priority In Shed	60 /102	О		n Township
N	Priority In Tributary	1/2			
G		,			
S			S	Dams - # within reach	0
т	Upstream Drainage Area	0.15 (mi ²)	т	Pipes - # within reach	0
Ā	Reach length	1770 (ft)		Bridges - # within reach	0
т	Distance to US XS/Headwaters	1273 (ft)		Outfalls - # within reach	2
I	Distance to DS XS/Confluence	1421 (ft)	С	Manholes - # within reach	2
S	Drainage Area Imperviousness	23.4 (%)	т	Confluences - # within reach	0
Т	Shed Imperviousness	20.5 (%)	U	Culverts - # within reach	2
I	Total Tributary Length	3059 (ft)		Culvert Length - ft within reach	122
С	Outfall Area	15.7 (ft ²)	E	% Culverted within reach	6.9
S			S	% Channelized within reach	0.0
S P	Outfalls	6 / 25	Р	Riparian Width - DSR	1 /5
Т А	Culverts	6 /20		Riparian Width - DSL	5 /5
A R	Channelization	0 /15		Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	1 /5		Riparian Composition - DSL	3 /5
I M		7 /10		Canopy Cover - DSR	1 /5
LE	Channel Type	2 /5		Canopy Cover - DSL	5 /5
I T T	Reach Bed Stability	3 /5		Bed Materials	0 /5
T E Y R	Bed Materials Bank Erosion	2 /5		Sediment Supply	1 /5
Y R S	Entrenchment Ratio	3 /5 3 /5		Sinuosity Woody Debris	3 /5 5 /5
	Entrenchment Katio	575	3	Attachment Sites	3 /5
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A	Total Score	61 / 155	Ι	N	14
N	Stability Score	34 / 100	N		ry M to Rock Creek
K	Habitat Score	27 / 55	F		reek Dr & Lorimer Ave
I	Priority In Shed	64 /102	0		n Township
N	Priority In Tributary	2/2	Ŭ		
G	1 Honty III Hibutary	2/2			
			C	Dams - # within reach	0
S		(.2)	S _		0
Т	Upstream Drainage Area	0.25 (mi ²)	Т	Pipes - # within reach	0
A	Reach length	1289 (ft)	R	Bridges - # within reach Outfalls - # within reach	0 2
T I	Distance to US XS/Headwaters Distance to DS XS/Confluence	1421 (ft) 372 (ft)	U C	Manholes - # within reach	2 0
S	Drainage Area Imperviousness	18.7 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	20.5 (%)	Ū	Culverts - # within reach	1
I	Total Tributary Length	3059 (ft)	R	Culvert Length - ft within reach	101
С	Outfall Area	4.9 (ft ²)	Е	% Culverted within reach	7.8
s			S	% Channelized within reach	1.4
S P	Outfalls	1 /25	Р	Riparian Width - DSR	3 /5
T A	Culverts	6 / 20		Riparian Width - DSL	3 /5
	Channelization	2 /15		Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	0 /5	ВА	Riparian Composition - DSL	3 /5
ΙΜ	Shear Stress	7 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	5 /5		Canopy Cover - DSL	1 /5
	Reach Bed Stability	3 /5		Bed Materials	0 /5
T E	Bed Materials	2 /5		Sediment Supply	1 /5
Y R S	Bank Erosion Entrenchment Ratio	3 /5 5 /5		Sinuosity Woody Debris	5 /5 1 /5
	Entrenchment Katio	575		Attachment Sites	3 /5
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R					
	Total Score	95 / 155	I	М	R2
	Stability Score	62 / 100	Ν		l Run
	Habitat Score	33 / 55	F		Rd & Coventry Ave
	Priority In Shed	2 /102	0		m Township
	Priority In Tributary	1/6			
G		170			
S			S	Dams - # within reach	0
	Upstream Drainage Area	1.08 (mi ²)	т		0
	Reach length	1.08 (fill) 1091 (ft)	R	Pipes - # within reach Bridges - # within reach	0
	Distance to US XS/Headwaters	678 (ft)		Outfalls - # within reach	7
	Distance to DS XS/Confluence	826 (ft)	c	Manholes - # within reach	0
	Drainage Area Imperviousness	52.3 (%)	Т	Confluences - # within reach	0
	Shed Imperviousness	45.0 (%)	U	Culverts - # within reach	2
I	Total Tributary Length	5912 (ft)	R	Culvert Length - ft within reach	131
C	Outfall Area	129.7 (ft ²)	Е	% Culverted within reach	12.0
S			S	% Channelized within reach	54.3
S P C	Outfalls	22 / 25	Р	Riparian Width - DSR	5 /5
ΤΑ	Culverts	9 / 20		Riparian Width - DSL	5 /5
A R C	Channelization	12 /15	A R	Riparian Composition - DSR	3 /5
	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	3 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
	Channel Type	3 /5		Canopy Cover - DSL	3 /5
	Reach Bed Stability Bed Materials	3 /5 2 /5	A T T E	Bed Materials Sediment Supply	0 /5 1 /5
	Bank Erosion	2 / 3 3 / 5	I E R	Sinuosity	5 /5
	Entrenchment Ratio	5 /5		Woody Debris	3 /5
		- / -		Attachment Sites	0 /5
The state of the s		Conservity Avis	tenham T	o wn ship	
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R Total Score 76/153 N Stability Score 41/100 K Habitat Score 35/5 Priority In Shed 25/02 N Fride Score 35/5 I Priority In Tributary 3/6 S Upstream Drainage Area 0.20 (m ²) A Reach length 10.20 (m ²) Distance to US SQUence 126 (n) Distance to US SQUence 126 (n) S Drainage Area 0.20 (m ²) S Drainage Area 0 S Drainage Area 10.02 (m ²) S Drainage Area 1.02 (m ²) S Drainage Area 1.02 (m ²) S Drainage Area 1.02 (m ²) S Cutartal Area 1.17 C Dutalian Carea 2.18 (m) C Dutalian Area 1.175 S E (mathin methics and thin me	A To N St K Ha I Pr O S T Up A Re T Di I Di S Dr T Sh I TO C OU S S P OU T A Cu A R Ch B A Ind I M Sh L E Ch I T Re	tability Score [abitat Score riority In Shed riority In Tributary pstream Drainage Area each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length putfalls	41 / 100 35 / 55 26 /102 3 / 6 0.20 (mi ²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	N F O S T R U C T U R E	<u>Mill</u> <u>425 ft N of Asbury</u> <u>Cheltenhar</u> Dams - # within reach Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	I Run Ave & Richards Rd n Township 0 1 0 2 1
N Stability Score 41/100 R Habitat Score 35/55 Priority In Shed 25/02 N Priority In Tributary 3/6 S Upstream Drainage Area 0.20 (ml) A Reach length 1047 (lt) T Distance to DS XS/Genfuence 1256 (lt) S Drainage Area 0.20 (ml) S Bridges - # within reach 0 U Duffals - # within reach 1 T Distance to DS XS/Genfuence 1296 (lt) S Bod Inperviousness 321 (ls) S Distance to DS XS/Cenfuence 1292 (lt) C Outfall & ewithin reach 1 C Outfall Area 8.10 (lt) S Pourfal S 1/5 K Claverts # within reach 1 S Claverts # within reach 1 C Outfall Area 8.10 (lt) S Pourfal Area 1/5 S A R Riparian Composition - DSR S A R Kiparian Composition - DSR S A Channelized within reach 1 S Cubertel within reach 1 S Cubertel within reach <td< th=""><th>N St K H4 I Pr N Pr G S T UF A Re T Di I Di S Dr T Sh I T O C OU S S P OU T A Cu A R Ch B A Infi I M Sh L E Ch I T Re</th><th>tability Score [abitat Score riority In Shed riority In Tributary pstream Drainage Area each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length putfalls</th><th>41 / 100 35 / 55 26 /102 3 / 6 0.20 (mi²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft²)</th><th>N F O S T R U C T U R E</th><th><u>Mill</u> <u>425 ft N of Asbury</u> <u>Cheltenhar</u> Dams - # within reach Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach</th><th>I Run Ave & Richards Rd n Township 0 1 0 2 1</th></td<>	N St K H4 I Pr N Pr G S T UF A Re T Di I Di S Dr T Sh I T O C OU S S P OU T A Cu A R Ch B A Infi I M Sh L E Ch I T Re	tability Score [abitat Score riority In Shed riority In Tributary pstream Drainage Area each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length putfalls	41 / 100 35 / 55 26 /102 3 / 6 0.20 (mi ²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	N F O S T R U C T U R E	<u>Mill</u> <u>425 ft N of Asbury</u> <u>Cheltenhar</u> Dams - # within reach Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	I Run Ave & Richards Rd n Township 0 1 0 2 1
K Habital Score 33 / 55 Priority In Shed 26 / 102 N Priority In Tributary G S T Upstream Drainage Area 0.20 (m ³) T Distance to DS XS/fieldWates 32 6 (f) S Distance to DS XS/fieldWates 32 6 (f) S Distance to DS XS/fieldWates 32 6 (f) S Drainage Area 0.20 (m ³) T Distance to DS XS/fieldWates 32 6 (f) S Drainage Area Imperviousness 32.1 (%) S Drainage Area Imperviousness 45.0 (%) T Total Tributary Length 5912 (f) C Outfall Area 6.1 S Culverties within reach 6.1 C Culverties Mithin reach 6.4 F % Channelization 10 / 15 B A firstaincuture Pis 1 / 5 I Riparian Width - DSI 3 / 5 K Riparian Composition - DSI 3 / 5 I Riparian Composition - DSI 3 / 5 I Riparian Composition - DSI 3 / 5 I Reach Bed Stability 3 / 5 K Bed Materials 3 / 5 S Entren	KHaIPrOPrGITUpAReTDiIDiSDrTShIToCOuSPSPTAICSPUCSPOuCSPIAIMIMIMSCITRChITIT	Tabitat Score riority In Shed riority In Tributary pstream Drainage Area each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfalls	35 / 55 26 /102 3 / 6 0.20 (mi ²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	F O S T R U C T U R E	<u>425 ft N of Asbury</u> <u>Cheltenhar</u> Dams - # within reach Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	Ave & Richards Rd n Township 0 1 0 2 1
Priority In Shed 26/102 Priority In Tributary 3/6 S Upstream Drainage Area 0.20 (mi ²) A Reach length 1017 (ft) S Dama - # within reach 1 Bridges - # within reach 1 Bridges - # within reach 1 S Dama - # within reach 1 Bridges - # within reach 1 S Dama - # within reach 1 Bridges - # within reach 1 S Dama - # within reach 1 S Dama - # within reach 1 S Dama - # within reach 1 S Data - # within reach 1 C User and the perviousness 32.1 (%) S Data - # within reach 1 C Outfalls 2 /25 F A Culverts 6 S Doutfalls 2 /25 P R A Culverts 6 /20 S P Outfalls 2 /25 F A Kiparian With - DSR 1 /5 S A Culverts 6 /3 /5 B A Biparian With - DSR 1 /5 I R Bark Enosion 3 /5 S	I Pr N Pr G V T Up A Re T Di I Di S Dr T Sh I TO C OU S V S P OU T A Cu A R Ch B A Ind I M Sh L E Ch I T Re	riority In Shed riority In Tributary pstream Drainage Area each length fistance to US XS/Headwaters fistance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length futfalls	26 /102 3 / 6 0.20 (mi ²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	S T R U C T U R E	<u>Cheltenhar</u> Dams - # within reach Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	n Township 0 1 0 2 1
N Priority In Tributary 3/6 S Upstream Drainage Area 0.20 (ml ²) A Reach length 1047 (f) T Distance to US XS/Headwaters 826 (f) Distance to US XS/Headwaters 32.1 (%) T Sted Imperviousness 3.1 (%) 43.1 (%) T total Tributary Length 5912 (f) C Outfalls 2 /25 F A Culverts 6 /20 A R Culvertes 6 /20 A R Channel Type 3 /5 B A Infrastructure Pts 1 /5 I. K Channel Type 5 /5 I T Reach Bed Stability 3 /5 S B contails 2 /5 I K Roak Kersion 3 /5 S B contails 2 /5 S B contails 3 /5 S B contail	N Pr G V T Up A Re T Di I Di S Dr T Sh I TO C OU S S P OU T A Cu A R Ch B A Inf I M Sh L E Ch I T Re	riority In Tributary pstream Drainage Area each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length butfall Area	3/6 0.20 (mi ²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	T R U C T U R E	Dams - # within reach Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	0 1 0 2 1
G S I Upstream Drainage Area A Reach length 0.20 (m ²) I Distance to DS XS/Confluente Distance to DS XS/Confluente S 0.20 (m ²) Bridges - 4 within reach 1 I Distance to DS XS/Confluente S 1269 (t) 87 (t) 1 1 S Distance to DS XS/Confluente S 1231 (t) 1259 (t) 1 1 I Total Tributary Length 5912 (t) C Manhole - # within reach 1 C Outfalls Area 5912 (t) C Culverts - # within reach 1 S F Outfalls Area 61 1 1 S Unifall Area 10/15 1 7 1 S Distance Type 5/5 1 A R Riparian Width - DSR 1/5 S M Shear Stress 3/10 1 7 3 3/5 1 I M Shear Stress 3/10 1 Canopy Cover - DSR 5/5 5/5 S R Channel Type 5/5 1 R Bahk Erosion 3/5 Y R<	G T UF A R T Di Di S Dr T S Dr Dr T S Dr T Dr T Dr T Dr Dr Dr T Dr T S Dr T Dr Dr T Dr Dr T Dr Dr T Dr Dr Dr Dr Dr Dr Dr Dr Dr Dr	pstream Drainage Area each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length putfall Area	0.20 (mi ²) 1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	T R U C T U R E	Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	1 0 2 1
T A Reach length0.20 (m17) 1047 (fr)T Distance to US X5/Confluence0.20 (m17) 1047 (fr)S Distance to US X5/Confluence252 (fr) 1269 (fr)S T S Distance to US X5/Confluence221 (%) 321 (%)G C C Outfall Area321 (%) 5912 (fr)S F C C C Outfall Area2/25 6 (20 (%)S F C C C0 (1111 (%) C 10 (%)S F C C C0 (1111 (%) C 10 (%)S F C C C0 (1111 (%) C C C C C C C CS F C <td>T UF A Re T Di I Di S Dr T Sh I T O C OU S S P OU T A Cu A R Ch B A Ind I M Sh L E Ch I T Re</td> <td>each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area</td> <td>1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft²)</td> <td>T R U C T U R E</td> <td>Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach</td> <td>1 0 2 1</td>	T UF A Re T Di I Di S Dr T Sh I T O C OU S S P OU T A Cu A R Ch B A Ind I M Sh L E Ch I T Re	each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area	1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	T R U C T U R E	Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	1 0 2 1
TUpstream Drainage Area0.20 (m1²)AReach length1047 (tr)TDistance to US XS/Confluence326 (tr)Distance to US XS/Confluence1269 (tr)SDrainage Area Imperviousness1229 (tr)TState to DS XS/Confluence121 (%)Distance to US XS/Confluence121 (%)TTotal Tributary Length5912 (tr)COutfall Area5912 (tr)SPOutfall AreaSPOutfall AreaSPClavertsARClavertsAClavertsA In RRRiparian Width - DSRARRClavertsTR	T UF A Re T Di I Di S Dr T Sh I T O C OU S S P OU T A Cu A R Ch B A Ind I M Sh L E Ch I T Re	each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area	1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	T R U C T U R E	Pipes - # within reach Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	1 0 2 1
A Reach length 1047 (ft) BS 6 (ft) Distance to DS X5/Fleadwaters 1269 (ft) BS 6 (ft) S Drainage Area Imperviousness 32.1 (%) T Total Tributary Length 0.12 (%) Outfall Area 64 S Outfall Area 64 S Clannelization 10 (1) (15 B A Infostructure Pts 1/5 I Total Stability 3/5 I M Shed Hoperviousness 3/10 I M Shed Stability 3/5 I M Shed Stability 3/5 I M Shear Stress 3/10 I F Reach Bed Stability 3/5 I T Reach Bed Stability 3/5 I T Reach Bed Stability 3/5 I R Bed Materials 3/5 S F Etenchment Ratio 5/5 I T Reach Bed Stability 3/5 S F Etenchment Ratio 5/5 S F Etenchment Ratio 5/5 S F Etencheeteteeteteteteteeteeteeteteteteteeteet	A Re T Di I Di S Dr T Sh I To C OU S S P OU T A Cu A R Ch B A Inf I M Sh L E Ch I T Re	each length istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area	1047 (ft) 826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	R U C T U R E	Bridges - # within reach Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	0 2 1
TDistance to US XS/Headvaters Distance to DS XS/Confluence S Prainage Area Imperviousness T total Tributary Length Outfalls Area20212021212121202121202121212021 <t< td=""><td>T Di I Di S Dr T Sh I To C OU S S P OU T A Cu A R Ch B A Inf I M Sh L E Ch I T Re</br></br></br></br></td><td>istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area</td><td>826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft²)</td><td>U C T U R E</td><td>Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach</td><td>2 1</td></t<>	T Di I Di S Dr T Sh I To C OU S S P OU T A Cu 	istance to US XS/Headwaters istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area	826 (ft) 1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	U C T U R E	Outfalls - # within reach Manholes - # within reach Confluences - # within reach Culverts - # within reach	2 1
1Distance to DS X\$/Confluence Drainage Area Imperviousness 32.1 (%) 5912 (ft) Couffall Area1269 (ft) 32.1 (%) 5912 (ft) 8.1 (ft^)CManholes - # within reach 1 Confluences - # within reach 1 Confluences - # within reach 1 Culverts - # within reach 1 Culverts - # within reach 6.1 51 1 Culverts - # within reach 6.1 24.9SP Culverts0 8.1 (ft^)P 8.1 (ft^)R 8.1 (ft^)R 2.4.9SP CulvertsR 1.0 (Jt18 8.1 (ft^)P 8.1 (ft^)R 8.1 (ft^)N 2.4.9SP CulvertsR 1.0 (Jt18 8.1 (ft^)P 8.1 (ft^)R 8.1 (ft^)N 2.4.9SP CulvertsR 8.1 (ft^)R 8.1 (ft^)N 2.4.9N 2.4.9SP CulvertsR 8.1 (ft^)N 8.1 (ft^)N 8.1 (ft^)N 8.1 (ft^)SP CulvertsR R Riparian Composition - DSR 8.1 (ft)N 3.7 (ft)IT R Canopy Cover - DSL SS.7 (ft) SN S SN S SN S SIT R R R SinuosityS.7 (ft) SN S SN S SN S SIT R R SR R S SN S SN S SN S SN S SIT R R S SN S SN S S SN S S SN S S S SN S S S SN S S S S SN S S S S SN S	I Di S Dr T Sh I To C Ou S S T A Cu A R Ch B A Inf I M Sh L E Ch I T Re	istance to DS XS/Confluence rainage Area Imperviousness hed Imperviousness otal Tributary Length utfall Area	1269 (ft) 32.1 (%) 45.0 (%) 5912 (ft) 8.1 (ft ²)	T U R E	Confluences - # within reach Culverts - # within reach	
T I C Outfall Area45.0 (%) 5912 (ft) 3912 (ft)U 1912 (ft)Culverts - # within reach 6.11 64SP V Culverts0utfall Area8.1 (ft²)06.1SP T A Culverts01/56/20A R A Infrastructure Pts1/53/53/5I M Shear Stress3/10A I R S /5Riparian Width - DSR R Riparian Composition - DSR S /53/5I T F B R R A Infrastructure Pts I T F R S S3/51 M Canopy Cover - DSR S /53/5I T F B R R S S1/53/53/5I T F R S S1 T Canopt Cover - DSL S S5/55/5T F S S Herenhment Ratio3/5 S5/5T F S T S1 S S1/51/5 S ST F S T S1 S S1/51/5 S ST F S S1/51/5 S S1/5 S ST F S S1/51/5 S S1/5 S ST S S1/5 S S1/5 S S1/5 S ST S S1/5 S S1/5 S S1/5 S ST S S S1/5 S S1/5 S S S1/5 S S ST S S1/5 S S1/5 S S S S1/5 S S ST S S1/5 S S S S1/5<	T A C OU S S T A Cu A R Ch B A Inf I M Sh L E Ch I T Re	hed Imperviousness otal Tributary Length utfall Area utfalls	45.0 (%) 5912 (ft) 8.1 (ft ²)	U R E	Culverts - # within reach	0
1 C STotal Tributary Length Outfall Area5912 (t) 81 (tf)R 81 (tf)Culver Length - ft within reach % Claverted within reach % Channelized within reach % Channelized within reach64 6.1 24.9SP T A Culverts2 / 25 6 / 20 10 / 15 B A R A Infrastructure Pts7 / 25 6 / 20 10 / 15 B A Infrastructure Pts7 / 25 6 / 20 10 / 15 B A Infrastructure Pts1 / 5 1 / 5 1 / 5 1 / 5 3 / 10 3 / 5 5 F I T F E Bed Materials1 / 5 3 / 5 3 / 10 3 / 5 3 / 5 5 5 F T E Bed Materials3 / 5 3 / 5 3 / 5 5 5 5 5 6 6 7 / 5 5 5 5 6 7 / 7 5 6 7 5 6 7 7 7 7 8 8 9 <b< td=""><td>I To C OU S P OU T A CU A R Ch B A Ind I M Sh L E Ch I T Re</td><td>otal Tributary Length utfall Area utfalls</td><td>5912 (ft) 8.1 (ft²)</td><td>R E</td><td></td><td></td></b<>	I To C OU S P OU T A CU A R Ch B A Ind I M Sh L E Ch I T Re	otal Tributary Length utfall Area utfalls	5912 (ft) 8.1 (ft ²)	R E		
C Outfall Area 8.1 (ft) S P Outfalls 2/25 T A Culverts 6/20 A R Channelization 10/15 B A Infrastructure Pts 3/5 I M Shear Stress 3/10 L E Channelization 3/5 I T Reach Bed Stability 3/5 T E Bed Materials 2/5 S E Edmaterials 2/5 Y R Bank Erosion 3/5 S Entrenchment Ratio 5/5 S Output S/5 S Entrenchment Ratio S/5 S Entrenchment Ratio S/5 S Output S S Entrenchment Ratio S/5 S S S <td>C OU S P OU T A CU A R Ch B A Inf I M Sh L E Ch I T Re</td> <td>utfall Area utfalls</td> <td>8.1 (ft²)</td> <td>Е</td> <td></td> <td>1</td>	C OU S P OU T A CU A R Ch B A Inf I M Sh L E Ch I T Re	utfall Area utfalls	8.1 (ft ²)	Е		1
S S % Channelized within reach 24.9 S P Outfalls 2 / 25 1/5 A A Calverts 6 / 20 A A Channelization 10 / 15 B A Infrastructure Pts 1 / 5 I M Shear Stress 3 / 10 I E Channel Type 5 / 5 I T Reach Bed Stability 3 / 5 T E Bed Materials 2 / 5 S Entrenchment Ratio 5 / 5	S P Ou T A Cu A R Ch B A Inf I M Sh L E Ch I T Re	utfalls			Culvert Length - ft within reach	64
S P Outfalls 2 / 25 A Culverts 6 / 20 A R Channelization 10 / 15 B A Infrastructure Pts 1 / 5 I M Shear Stress 3 / 10 I M Shear Stress 3 / 10 I T Reach Bed Stability 3 / 5 I T Reach Bed Stability 3 / 5 T E Channel Type 5 / 5 I T Reach Bed Stability 3 / 5 T E Bd Materials 3 / 5 S Entrenchment Ratio 5 / 5 S Entrenchment Ratio 5 / 5 S Entrenchment Ratio 5 / 5 S Composition Provement Sites 0 / 5	S P Ou T A Cu A R Ch B A Inf I M Sh L E Ch I T Re		2 /25	S	% Culverted within reach	6.1
TACulverts6 / 20ARChannelization10 / 15BAInfrastructure Pts1 / 5IMShear Stress3 / 10IEChannel Type5 / 5ITReach Bed Stability3 / 5ITReach Bed Stability3 / 5ITReach Bed Stability3 / 5ITEGanoy Cover - DSL5 / 5ITReach Bed Stability3 / 5ITEGedimet Supply5 / 5ITESedimet Supply5 / 5ISSSSITESedimet Supply3 / 5ISSSSITESedimet Supply5 / 5ISSSSISSSSISSSSISSSSISSSSISSSSISSSSISSSSISSSSI	TACuARChBAInfIMShLEChITRe		2 /25		% Channelized within reach	24.9
TACulverts6 / 20ARChannelization10 / 15BAInfrastructure Pts1 / 5IMShear Stress3 / 10IEChannel Type5 / 5ITReach Bed Stability3 / 5TEBed Materials3 / 5SBank Erosion3 / 5RBank Erosion3 / 5RBank Erosion5 / 5RSimulation5 / 5Chromet Ratio5 / 5SCanopy Cover - DSL5 / 5SSimulation5 / 5RSimulation3 / 5MSimulation3 / 5RSimulation3 / 5ARSimulationSSimulation3 / 5RSimulation3 / 5RSimulation3 / 5RSimulation3 / 5HSimulationSimulationSSimulationSimulationSSimulationSimulationSSimulationSimulationSSimulationSimula	ARChBAInfIMShLEChITRe	ulverts	2 / 25	Р	Riparian Width - DSR	1 /5
B A Infrastructure Pts 1 /5 B A Riparian Composition - DSL 3 /5 I M Shear Stress 3 /10 I M Canopy Cover - DSR 5 /5 I T Reach Bed Stability 3 /5 A T E daterials 2 /5 T E Bed Materials 3 /5 A T Bed Materials 2 /5 S Entrenchment Ratio 5 /5 F E Sediment Supply 5 /5 S Entrenchment Ratio 5 /5 S S S S V R Bank Erosion 3 /5 S S S S Voody Debris A 1/5 S S S S S S Voody Debris A 1/5 S S S S S S S S S Voody Debris A S S S S S S S S S Voody Debris A S S S S S S	BAInfIMShLEChITRe		6 / 20	H A	Riparian Width - DSL	3 /5
I M Shear Stress 3 /10 I M Canopy Cover - DSR 5 /5 I T Reach Bed Stability 3 /5 A T Bed Materials 2 /5 T T Bed Materials 3 /5 F F F Seciment Supply 5 /5 N R Bank Erosion 3 /5 F R R Sinuosity 5 /5 S Entrenchment Ratio 5 /5 S Woody Debris 3 /5 A T E S Entrenchment Ratio 5 /5 S Woody Debris 3 /5 A T E S A T E S A T E S S A T E S Bed Materials 2 /5 S S Woody Debris 3 /5 A A T E S A T N A	I M Sh L E Ch I T Re	hannelization	10 /15	A R	Riparian Composition - DSR	3 /5
L E Channel Type 5/5 I T Reach Bed Stability 3/5 T E Bed Materials 3/5 S Bank Erosion 3/5 F F F S Entrenchment Ratio 5/5 T E T E T E T E T E T E Bank Erosion 3/5 S Entrenchment Ratio 5/5 T E Canoy Cover - DSL 5/5 S Bank Erosion 3/5 S Woody Debris 3/5 Attachment Sites 0/5 </td <td>L E Ch I T Re</td> <td></td> <td></td> <td>B A</td> <td></td> <td>3 /5</td>	L E Ch I T Re			B A		3 /5
I T Reach Bed Stability 3 / 5 A T Bed Materials 2 / 5 S Bank Erosion 3 / 5 3 / 5 Sediment Supply 5 / 5 S Entrenchment Ratio 5 / 5 Sinuosity 3 / 5 Void y Debris 3 / 5 3 / 5 3 / 5 A T E R Sediment Supply 5 / 5 S Woody Debris 3 / 5 3 / 5 3 / 5 Attachment Sites 0 / 5 0 / 5 0 / 5	I T Re					,
T E Bed Materials 3 /5 5 /5 Bank Erosion 3 /5 5 /5 5 /5 Entrenchment Ratio 5 /5 5 /5 Woody Debris 3 /5 Attachment Sites 0 /5						,
Y R Bank Erosion 3 /5 5 /5 Sinuosity 5 /5 S Bank Erosion 3 /5 5 /5 Sinuosity 3 /5 Attachment Sites 0 /5 0 /5 0 /5 0 /5						
S Entrenchment Ratio 5 /5 S Woody Debris Attachment Sites 3 /5 0 /5						
Attachment Sites 0/5						
	J	the Rendered Ratio	575			
		CovertifyAve		tenham T		

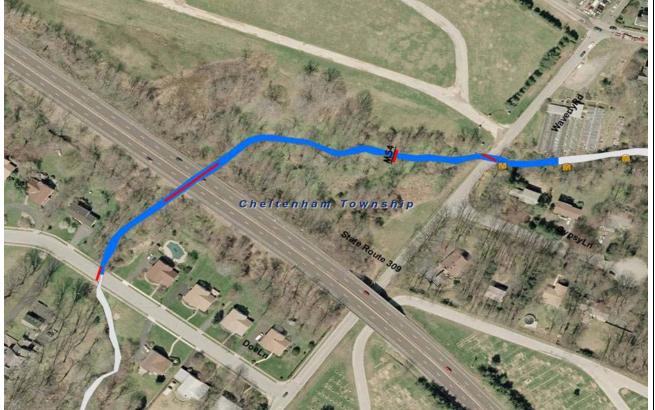
R			
A Total Score	69 / 155	I	MR6
N Stability Score	38 / 100	N	Mill Run
K Habitat Score	31 / 55		of Coventry Ave & Lenape Ave
I Priority In Shed	44 /102		heltenham Township
N Priority In Tributary	5/6		
G			
S		S Dams - # within reach	0
T Upstream Drainage Area	0.11 (mi ²)	T Pipes - # within reach	0
A Reach length	1068 (ft)	R Bridges - # within reach	
T Distance to US XS/Headwaters	1269 (ft)	U Outfalls - # within reach	
I Distance to DS XS/Confluence S Drainage Area Imperviousness	892 (ft)	C Manholes - # within rea T Confluences - # within r	
SDrainage Area ImperviousnessTShed Imperviousness	32.5 (%) 45.0 (%)	U Culverts - # within reach	
I Total Tributary Length	5912 (ft)	R Culvert Length - ft within	
C Outfall Area	11.0 (ft ²)	E % Culverted within rea	
S		S % Channelized within a	reach 44.3
S P Outfalls	4 /25	P Riparian Width - DSR	5 /5
T A Culverts	0 / 20	H A Riparian Width - DSL	1 /5
A R Channelization	12 /15	A R Riparian Composition -	
B A Infrastructure Pts	0 /5	B A Riparian Composition -	DSL 1 /5
I M Shear Stress	3 /10	I M Canopy Cover - DSR	5 /5
L E Channel Type	5 /5	T E Canopy Cover - DSL	5 /5
I T Reach Bed Stability T E Bed Materials	3 /5 3 /5	ATBed MaterialsTESediment Supply	2 /5 5 /5
Y R Bank Erosion	3 /5	R Sinuosity	5 /5
S Entrenchment Ratio	5 /5	S Woody Debris	1 /5
		Attachment Sites	0 /5
	course	en ham Townstrip	

7.10				
A Total Score	74 / 155	I	MI	R10
N Stability Score	42 / 100	N	Mill	
K Habitat Score	32 / 55	F	175 ft SE of New Secon	
I Priority In Shed	32 /102	ο	Cheltenham Township	
N Priority In Tributary	4/6			+
G	-7 -			
S		S Dam	s - # within reach	1
T Upstream Drainage Area	0.07 (mi ²)		- # within reach	1
A Reach length	780 (ft)	_	es - # within reach	0
T Distance to US XS/Headwaters	853 (ft)		alls - # within reach	2
I Distance to DS XS/Confluence	707 (ft)		noles - # within reach	1
S Drainage Area Imperviousness	32.4 (%)	T Conf	luences - # within reach	0
T Shed Imperviousness	45.0 (%)	U Culve	erts - # within reach	1
I Total Tributary Length	5912 (ft)	R Culv	ert Length - ft within reach	48
C Outfall Area	$6.3 (\text{ft}^2)$	E % Cu	lverted within reach	6.2
S		s % Ch	annelized within reach	25.0
S P Outfalls	2 /25	P Ripa	rian Width - DSR	3 /5
T A Culverts	6 / 20		rian Width - DSL	1 /5
A R Channelization	10 /15		rian Composition - DSR	3 /5
B A Infrastructure Pts	1 /5	B A Ripa	rian Composition - DSL	3 /5
I M Shear Stress	7 /10	I M Cano	py Cover - DSR	5 /5
L E Channel Type	2 /5	T E Cano	py Cover - DSL	4 /5
I T Reach Bed Stability	3 /5		Aaterials	2 /5
T E Bed Materials	3 /5		nent Supply	3 /5
Y R Bank Erosion	5 /5	R Sinue		5 /5
S Entrenchment Ratio	3 /5		ly Debris hment Sites	3 /5 0 /5
SienwoodRd ononingood		renham Town	Pehip Control of the second seco	Hainesdo

R					
А	Total Score	88 / 155	I	M	R12
N	Stability Score	44 / 100	Ν	Mill	Run
к	Habitat Score	44 / 55	F		ne Rd & Mulberry Ln
I	Priority In Shed	10 /102	О		n Township
N	Priority In Tributary	2/6			
G					
S			S	Dams - # within reach	0
т	Upstream Drainage Area	0.08 (mi ²)	т	Pipes - # within reach	0
A	Reach length	1037 (ft)	R	Bridges - # within reach	0
т	Distance to US XS/Headwaters	707 (ft)	U	Outfalls - # within reach	2
I	Distance to DS XS/Confluence	699 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	23.0 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	45.0 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	5912 (ft)	R	Culvert Length - ft within reach	61
С	Outfall Area	12.0 (ft ²)	E	% Culverted within reach	5.8
S			S	% Channelized within reach	25.2
S P	Outfalls	4 /25	Р	Riparian Width - DSR	5 /5
T A	Culverts	6 /20	H A	Riparian Width - DSL	5 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	4 /5
I M	Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
	Channel Type	3 /5	TE	Canopy Cover - DSL	5 /5
IT	Reach Bed Stability	3 /5	A T T T	Bed Materials	1 /5
T E Y R	Bed Materials Bank Erosion	1 /5 5 /5	T E R	Sediment Supply Sinuosity	5 /5 5 /5
	Entrenchment Ratio	5 /5 5 /5	K S	Sinuosity Woody Debris	5 /5
3	Entrenchment Katio	575	3	Attachment Sites	0 /5
	Harrisonave	Chelt Chelt		ownship	
			A Degree A		

R					
	Total Score	50 / 155	I	Μ	[S2
	Stability Score	34 / 100	N		ny Creek
	Habitat Score	16 / 55	F		<u>an Ln & Azelea Ln</u>
	Priority In Shed	90 /102	0	-	n Township
	Priority In Tributary	42 / 50			
G	Thomy in Thouary	12 / 50			
S			S	Dams - # within reach	0
		0.26 (mi ²)	S		
T A	Upstream Drainage Area Reach length	0.26 (ffi) 1726 (ft)	T R	Pipes - # within reach Bridges - # within reach	1 0
	Distance to US XS/Headwaters	934 (ft)		Outfalls - # within reach	2
	Distance to DS XS/Confluence	1595 (ft)	C	Manholes - # within reach	0
	Drainage Area Imperviousness	14.3 (%)	T	Confluences - # within reach	0
	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	2
Ι	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	10.2 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	0.0
S P	Outfalls	4 /25	Р	Riparian Width - DSR	1 /5
т А	Culverts	0 / 20		Riparian Width - DSL	0 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress	7 /10		Canopy Cover - DSR	1 /5
	Channel Type	5 /5		Canopy Cover - DSL	1 /5
	Reach Bed Stability Bed Materials	5 /5 2 /5	A T T E	Bed Materials Sediment Supply	0 /5 5 /5
	Bank Erosion	2 / 3 5 / 5		Sinuosity	3 /5
	Entrenchment Ratio	5 /5		Woody Debris	3 /5
		- / -		Attachment Sites	0 /5
	dunation of the second s	Cher	tenham T	ownship p	

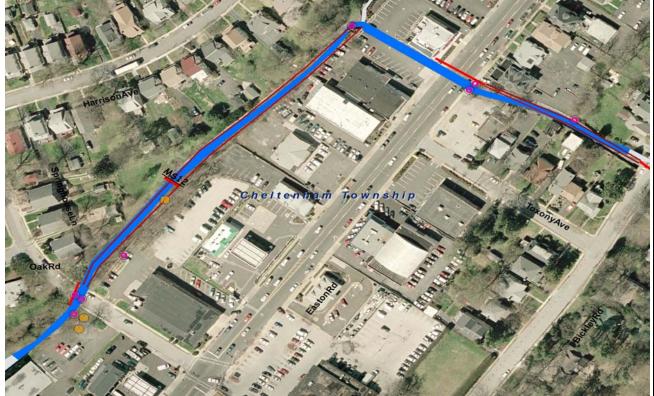
Total Score	52 / 155	I	Μ	S4
Stability Score	34 / 100	Ν	Tookan	<u>y Creek</u>
Habitat Score	18 / 55	F	350 ft N of SR 3	<u> 19 & Waverly Rd</u>
Priority In Shed	84 /102	Ο	Cheltenhar	n Township
Priority In Tributary	40 / 50			
		S	Dams - # within reach	0
Upstream Drainage Area	0.39 (mi ²)	Т	Pipes - # within reach	0
Reach length	1155 (ft)	R	Bridges - # within reach	0
Distance to US XS/Headwaters	1595 (ft)	U	Outfalls - # within reach	0
Distance to DS XS/Confluence	716 (ft)	С	Manholes - # within reach	1
Drainage Area Imperviousness	14.5 (%)	Т	Confluences - # within reach	0
Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	3
Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	222
Outfall Area	$0.0 (ft^2)$	E	% Culverted within reach	19.2
		S	% Channelized within reach	0.0
P Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
A Culverts	12 /20	H A	Riparian Width - DSL	1 /5
R Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
A Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
M Shear Stress	7 /10	I M	Canopy Cover - DSR	1 /5
E Channel Type	0 /5	ТЕ	Canopy Cover - DSL	1 /5
F Reach Bed Stability	5 /5	A T	Bed Materials	2 /5
E Bed Materials	3 /5	ТЕ	Sediment Supply	3 /5
R Bank Erosion	5 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	1 /5	S	Woody Debris	3 /5



R						
A Total Score	66 / 155	I	Μ	I <mark>S</mark> 8		
N Stability Score	31 / 100	Ν		ny Creek		
K Habitat Score	35 / 55	F		h Rd & Limeklin Pk		
I Priority In Shed	53 /102	О		n Township		
N Priority In Tributary	25 / 50			L		
G	20,000					
S		S	Dams - # within reach	1		
T Upstream Drainage Area	0.37 (mi ²)	Т	Pipes - # within reach	0		
A Reach length	1175 (ft)	R	Bridges - # within reach	0		
T Distance to US XS/Headwater		U	Outfalls - # within reach	4		
I Distance to DS XS/Confluence		С	Manholes - # within reach	2		
S Drainage Area Imperviousnes	s 19.4 (%)	т	Confluences - # within reach	0		
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0		
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	89		
C Outfall Area	16.5 (ft ²)	Е	% Culverted within reach	7.5		
S		S	% Channelized within reach	0.0		
S P Outfalls	6 /25	Р	Riparian Width - DSR	3 /5		
T A Culverts	6 /20	H A	Riparian Width - DSL	5 /5		
A R Channelization	0 /15	A R	Riparian Composition - DSR	3 /5		
B A Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	3 /5		
I M Shear Stress L E Channel Type	7 /10 2 /5	I M T E	Canopy Cover - DSR Canopy Cover - DSL	5 /5 5 /5		
L E Channel Type I T Reach Bed Stability	2 / 5 3 / 5		Callopy Cover - DSL Bed Materials	0 /5		
T E Bed Materials	2 /5	ТЕ	Sediment Supply	3 /5		
Y R Bank Erosion	1 /5	R	Sinuosity	5 /5		
S Entrenchment Ratio	3 /5	S	Woody Debris	3 /5		
		•	Attachment Sites	0 /5		
General PatterspinDr	Brurral Patterspille					
		tenham T	ownship	Linekinelika Linekinelika Linekinelika		

R				
A Total Score	46 / 155	I	Μ	S10
N Stability Score	23 / 100	Ν	Tooka	ny Creek
K Habitat Score	23 / 55	F		klin Pk & Oak Rd
I Priority In Shed	<u>98 /102</u>	0		m Township
-	•	U	Cheiteinia	<u>in Township</u>
N Priority In Tributary G	47 / 50			
S		S	Dams - # within reach	0
T Upstream Drainage Area	0.18 (mi ²)	т	Pipes - # within reach	0
A Reach length	791 (ft)	R	Bridges - # within reach	0
T Distance to US XS/Headwaters	708 (ft)	U	Outfalls - # within reach	3
I Distance to DS XS/Confluence	875 (ft)	C	Manholes - # within reach	0
S Drainage Area Imperviousness	17.4 (%)	Т	Confluences - # within reach	0
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
	. ,			0
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	-
C Outfall Area	4.2 (ft ²)	E	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
P Outfalls	1 /25	Р	Riparian Width - DSR	3 /5
A Culverts	0 / 20	H A	Riparian Width - DSL	1 /5
R Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
A Infrastructure Pts	0 /5	ВА	Riparian Composition - DSL	1 /5
M Shear Stress	7 /10	I M	Canopy Cover - DSR	3 /5
E Channel Type	2 /5	ТЕ	Canopy Cover - DSL	3 /5
T Reach Bed Stability	2 / 3 5 / 5		Bed Materials	0 /5
E Bed Materials	2 /5	T E	Sediment Supply	3 /5
	-			,
R Bank Erosion	3 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	3 /5	S	Woody Debris	3 /5
			Attachment Sites	0 /5
	Chell	enhem T	own shire	
the fitter	-	1.1	S 201	Kask

R						
Α	Total Score	81 / 155		Ι	MS12	
Ν	Stability Score	44 / 100		Ν	Tooka	ny Creek
K	Habitat Score	37 / 55		F	225 ft NE of Oak R	d & Springhouse Ln
I	Priority In Shed	21 /102		0	Cheltenha	<u>m Township</u>
Ν	Priority In Tributary	10 / 50				
G						
S			_	S	Dams - # within reach	0
Т	Upstream Drainage Area	0.13 (mi ²)		Т	Pipes - # within reach	0
Α	Reach length	1411 (ft)		R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	875 (ft)		U	Outfalls - # within reach	8
I	Distance to DS XS/Confluence	1942 (ft)		С	Manholes - # within reach	3
S	Drainage Area Imperviousness	25.6 (%)		Т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)		U	Culverts - # within reach	2
Ι	Total Tributary Length	62107 (ft)		R	Culvert Length - ft within reach	146
С	Outfall Area	25.0 (ft ²)		Е	% Culverted within reach	10.4
S				S	% Channelized within reach	49.0
Р	Outfalls	10 / 25		Р	Riparian Width - DSR	3 /5
A	Culverts	9 / 20		H A	I State Stat	5 /5
. R	Channelization	12 /15		A R	Riparian Composition - DSR	3 /5
	Infrastructure Pts	1 /5		B A	Riparian Composition - DSL	4 /5
Μ	Shear Stress	7 /10		I M	·····	3 /5
E	Channel Type	0 /5		T E	Canopy Cover - DSL	3 /5
	Reach Bed Stability	3 /5		A T	Bed Materials	5 /5
	Bed Materials	0 /5		T E	Sediment Supply	1 /5
	Bank Erosion	1 /5		R	Sinuosity	5 /5
S	Entrenchment Ratio	1 /5		S	Woody Debris	5 /5
					Attachment Sites	0 /5



N Stability Score 92/155 N Stability Score 10/100 N Friority in Sted 5/102 N Priority in Tributary 1/50 S Imperational state 1/50 S Imperimental s	R					
N Stability Score 60/100 Habitat Score 32/5 Priority In Shed 5/102 N Final Stability G S T Upstream Drainage Area A Beach length 1334 (f) T Distance to US SQFIfedawaters 128 J 1334 (f) S Drainage Area Imperviousnes 228 (%) S S Drainage Area Imperviousnes 238 (%) Culverts + within reach 1 Culverts + within reach 2 28 (%) 2 Culverts + within reach 1 Culverts + within reach 2 Culverts + within reach 2 Culverts + within reach 3 Culverts + within reach 4 Culverts + within reach 5 Culverts + within reach 4 Culverts + within reach 5 Culverts + within reach 4 Culverts + within reach 5 Cananelized within reach 4		Total Score	92 / 155	I	Μ	S14
K Habitat Score 32 / 55 Priority In Shed 5 /102 N Priority In Tributary G S T Upstream Drainage Area A Reach length I Distance to US XS/Headwates 1922 (i) S Drainage Area G S T Distance to US XS/Grouthuence Drainage Area Imperviousness 485 (%) 1 Total Tributary Length 2017 (ft) Outfalls - # within reach 1 Total Tributary Length 2017 (ft) S F Outfalls Area 12/15 B A Infrastructure Pis 0/5 I I I S P Outfalls 1 1 R Culvertes N S P Outfalls 1 1 1 1 1 1 1 1 1						
Priority In Shed 5/102 Priority In Tributary 1/30 G Cheltenham Township G S T Distance to US XS/Confluence Distance to US XS/Confluence 724 (ti) Distance to US XS/Confluence 724 (ti) C Outfalls T Total Tributary 1 Total Tributary 1 Total Tributary 1 Total Tributary Length 2 S 2 S 5 S 5 S 5 S 7 A 7 A 8 Infrastructure Pts 1 T 9 S 1 T 1 R 1 T 1 R 1 S 1 T 1 T 1 T			-			·
N G S Upstream Drainage Area Reach length 0.21 (mi ²) T Distance to DS XS/Headwaters 1942 (ft) S Distance to DS XS/Confluence 224 (ft) S Diatance to DS XS/Confluence 224 (ft) S Diatance to DS XS/Headwaters 1942 (ft) S Diatance to DS XS/Confluence 224 (ft) C Datance to DS XS/Feadwaters 4 T Sket Imperviousness 42.8 (%) del Imperviousnes 42.8 (%) Culvert + within reach 0 T Culverts 45.5 (%) Culvert + within reach 4 Culverts 15 /20 U Culverts within reach 47.0 S P Outfalls 10 /25 F R Kiparian Width - DSR 5 /5 S A R Claverts 1/5 B A Riparian Composition - DSL 1/5 I H A Riparian Composition - DSL 1/5 1/5 1/5 I T R Reach Bed Stability 4 /5 3 /5 T E Canopy Cover - DSL 1 /5 Y						•
G S T Upstream Drainage Area 0.21 (m ²) A Reach length 0.334 (ft) 1942 (ft) Distance to DS XS/Confluence 724 (ft) 1942 (ft) S Drainage Area Imperviousness 724 (ft) S bei Imperviousness 48.5 (%) 62107 (ft) Outfall Area 0.21 (m ²) 724 (ft) C Manholes - # within reach 0 G Caluertis 49.5 (%) G Culvertis 10725 T A Clevertis 157.00 A R Channelized within reach 47.0 S Culvertis 175.1 A R Channelization 12715 B A Infrastructure Pts 0.75 A R Riparian Width - DSL 5/5 I M Shear Stress 3.710 I M Canope Cover - DSL 1.75 I T B ach Bed Stability 4/5 Y R Bank Erosion 3.75 S Bank Erosion 3.75 S Sonover - DSL 1.75 K Bash Erosion 3.75 S Sonosity S.75		-	-	0	Chenennan	<u>ii Township</u>
S T A Bark - # within reach 1 A Reach length 1334 (ft) 1334 (ft) T Distance to DS XS/Confluence 744 (ft) 1942 (ft) S Diatance to DS XS/Confluence 228 (%) 100fd18 - * # within reach 0 T Stance to DS XS/Confluence 228 (%) 100fd18 - * # within reach 0 T Stance to DS XS/Confluence 228 (%) 100fd18 - * # within reach 0 T Stance to DS XS/Confluence 228 (%) 100fd18 - * # within reach 0 C Dariage Area 02107 (ft) 100fd18 - * # within reach 0 Cutverts 15/20 100fd18 - * # within reach 17 S P Outfall Area 27.8 5 S Cutverts 15/20 A R Riparian Composition - DSR 1/5 A R Chanelized within reach 11 175 1 M Canopt Cover - DSR 1/5 I M Shear Stress 3/10 I F E Canopt Cover - DSR 1/5 I I R Sherainol <td></td> <td>Priority in Tributary</td> <td>1/50</td> <td></td> <td></td> <td></td>		Priority in Tributary	1/50			
TUpstream Drainage Area Reach length0.21 (m1²) 1134 (t)TDistance to US XS/Headwates 11334 (t) 						
A T Distance to US XS/Confluence S Drainage Area Imperviousness S Bed Imperviousness C OutfallsI 334 (ft) 1942 (ft) 124 (ft) 228 (%) 425 (%) C 1 <br< td=""><td></td><td></td><td></td><td></td><td></td><td></td></br<>						
TDistance to US XS/Headwaters1942 (ft)IDistance to DS XS/Configure724 (ft)SDrainage Area Imperviousness48.5 (%)ITotal Tributary Length02107 (ft)COutfalls - # within reach4Doutfall Area0.48.5 (%)SPOutfalls - # within reachACulverts - # within reach4COutfalls - # within reach371COutfalls - # within reach371TCOutfalls - # within reach47.0SOutfalls - # within reach47.0SNanetized within reach47.0SAInfrastructure Pts0/5AN frastructure Pts0/51/5IM Shear Stress3/101IT Reach Bed Stability4/51IT Reach Bed Stability3/55YRBed Materials2/5SEntrenchment Ratio5/55/5<					-	
1 Distance to DS X\$/Confluence 724 (ft) 2 Distance to DS X\$/Confluences 724 (ft) 1 Distance to DS X\$/Confluences 22.8 (%) 1 Total Tributary Length 02.107 (ft) 2 0.2107 (ft) 0.4 (ft) 8 P Outfall Area 0.4 (ft) 9 Outfall Area 0.4 (ft) 7.7 (ft) 9 Outfall Area 0.4 (ft) 7.7 (ft) 9 Outfall Area 0.4 (ft) 7.7 (ft) 9 Outfall Area 0.7 (ft) 7.7 (ft) 9 Outfall Area 10 /25 F R 1 A R Channelization 12 /15 R A R 1 M Shear Stress 3 /10 A R Riparian Composition - DSR 1 /5 1 T Reach Bed Stability 4 /5 A T E Bed Materials 2 /5 1 T Reach Bed Stability 4 /5 S S S S Y R Bank Erosion 3 /5 S S S <		0	. ,		_	
S Drainage Area Imperviousness Shed Imperviousness Total Tributary Length Outfall Area 22.8 (%) 48.5 (%) 62107 (ft) 20.4 (ft') T Confluences - # within reach Culvert + # within reach Culvert + muthin reach Culvert ength - ft within reach Culvert ength - ft within reach 27.8 47.0 0 S P Outfalls Culverts 10 / 25 15 / 20 A R Culverts P Riparian Width - DSR Riparian Width - DSR 5 / 5 5 / 5 5 / 5 A R Channelization 11 M Shear Stress 3 / 10 1 M 12 / 15 5 / 5 8 A Riparian Composition - DSR 1 / 5 1 / 5 1 / 5 I M Shear Stress 3 / 10 1 M 1 M Canopy Cover - DSR 1 / 5 1 / 5 1 / 5 T E ed Materials 3 / 5 5 / 5 3 / 5 1 F T E ed Materials 3 / 5 2 / 5 5 / 5 Y R Bank Erosion 5 / 5 3 / 5 5 S Entrenchment Ratio 5 / 5 V R Woody Debris 3 / 5 3 / 5			. ,			
T Shed Imperviousness 48.5 (%) 1 Total Tributary Length 62107 (ft) 0utfall Area 20.4 (ft ²) S P Cutverts = # within reach S V Cutverts = # within reach S Cutverts = # within reach 47.0 S V Cutverts = # within reach 47.0 S Cutverts = # within reach 47.0 I Reach Riparian Width - DSR 5/5 I The set head Statistion 12/15 A R I T Reach Bed Statististion 3/5 S T E Canopy Cover - DSL 1/5 I T Reach Bed Statististion 3/5 S S S			. ,			-
1 Total Tributary Length 62107 (tr) 20.4 (tr) 371 S 9 Outfall Area 20.4 (tr) 8 7 S 9 Outfalls 10 /25 7 8 7 T A Culverts 10 /25 7 8 7 7 A Culverts 12 /15 17 8 7 7 7 A R Channelization 12 /15 8 8 8 7 7 I M Shear Stress 3 /10 1 M 8 8 7 15 I T Reach Bed Stability 4 /5 1 M 1 <			. ,			-
C Outfall Area 20.4 (ft) E % Culverted within reach 27.8 S P Outfalls 10 /25 5 % Channelized within reach 47.0 S P Culverts 15 /20 A R Signature 5 5 /5 A R Channelization 12 /15 A R Riparian Composition - DSR 1 /5 I M Shear Stress 3 /10 A R Riparian Composition - DSR 1 /5 I T Rach Bed Stability 4 /5 A T E Bed Materials 2 /5 Y R Bank Erosion 3 /5 5 S						
S S % Channelized within reach 47.0 S P Outfalls 10 / 25 15 / 20 A R Channelization 12 / 15 5 / 5 B A Infrastructure Pts 0 / 5 5 I M Shear Stress 3 / 10 1 L E Channel Type 5 / 5 1 T E Cach Bed Stability 4 / 5 1 T E E Marcials 2 / 5 S E F Canopy Cover - DSR 1 / 5 T E Canopy Cover - DSL 1 / 5 T E Sed Materials 2 / 5 S Entrenchment Ratio 5 / 5						
S P Outfalls 10/25 A Culverts 15/20 A R Channelization 12/15 B A Infrastructure Pts 0/5 I M Shear Stress 3/10 I M Shear Stress 3/10 I T Reach Bed Stability 4/5 I T Reach Bed Stability 4/5 T E Bed Materials 3/5 S Entrenchment Ratio 5/5 S Entrenchment Ratio 5/5		Outrall Area	20.4 (11)			
TACulverts15 / 20HARiparian Width - DSL5 / 5ARChannelization12 / 15BARiparian Composition - DSR1 / 5BAInfrastructure Pts0 / 5BARiparian Composition - DSR1 / 5IMShear Stress3 / 10IMCanopy Cover - DSR1 / 5ITReach Bed Stability4 / 5TECanopy Cover - DSL1 / 5ITReach Bed Stability4 / 5TECanopy Cover - DSL1 / 5ITReach Bed Stability3 / 5TESediment Supply3 / 5YRB ank Erosion3 / 5RSinuosity5 / 5SEntrenchment Ratio5 / 5SWoody Debris3 / 5ITESediment Supply3 / 5UVWoody Debris3 / 5UVVSSITESediment Supply3 / 5SEntrenchment Ratio5 / 5VVoody Debris3 / 5UVTESVVSUVTESCultureCultureCultureVRBARSSCultureCultureSUCultureSSSCultureSSUCultureSSSSSSU </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
A R Channelization 12/15 A R Riparian Composition - DSR 1/5 B A Infrastructure Pts 0/5 A R Riparian Composition - DSL 1/5 I M Shear Stress 3/10 I M Canopy Cover - DSR 1/5 I T Reach Bed Stability 4/5 A R Bed Materials 2/5 T E Bed Materials 3/5 F Sediment Supply 3/5 S Entrenchment Ratio 5/5 S Woody Debris 5/5 A tachment Sites 3/5 S Statement Supply 3/5 S Entrenchment Ratio 5/5 S Woody Debris 5/5 A tachment Sites 3/5 S Statement Sites 3/5					-	
B A Infrastructure Pts 0 / 5 I M Shear Stress 3 / 10 L E Channel Type 5 / 5 I T Reach Bed Stability 4 / 5 J M Canopy Cover - DSL 1 / 5 I T Reach Bed Stability 4 / 5 B A T Bed Materials 2 / 5 S Bank Erosion 3 / 5 5 Sinuosity 3 / 5 S Entrenchment Ratio 5 / 5 Sinuosity 5 / 5 V R Bank Erosion 3 / 5 Sinuosity 5 / 5 S Entrenchment Ratio 5 / 5 Sinuosity 3 / 5 S S Voody Debris 5 / 5 V A T Sinuosity 3 / 5 S Voody Debris 3 / 5 5 V Voody Debris 5 / 5 4 V Voody Debris 5 / 5 4 V Voody Debris 1 / 5 1 / 5 V Voody Debris 1 / 5					-	
I M Shear Stress 3 /10 I E Channel Type 5 /5 I T Reach Bed Stability 4 /5 F E Bed Materials 2 /5 Bank Erosion 3 /5 Entrenchment Ratio 5 /5 Internet Ratio Cover - DSL 1 T E Canopy Cover - DSL 1 /5 Bank Erosion 3 /5 Entrenchment Ratio 5 /5 Cover - DSL 1 T E Canopy Cover - DSL 1 /5 Bank Erosion 3 /5 Entrenchment Ratio 5 /5 S Woody Debris A T E Bank Erosion 3 /5 S Woody Debris A T E S Woody Debris 3 /5 S Woody Debris A T E S Woody Debris A T E C S S Woody Debris A T E C S S Woody Debris A T E S S Woody Debris A S S S Woody Debris <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
L E Channel Type 5 / 5 4 / 5 I T Reach Bed Stability 4 / 5 3 / 5 Y R Bed Materials 3 / 5 S Entrenchment Ratio 5 / 5 S S S V R R R S S V R S S Entrenchment Ratio 5 / 5 V R S V R R S Woody Debris 5 / 5 Attachment Sites 3 / 5 S Woody Debris 3 / 5						
I T Reach Bed Stability 4 /5 Bed Materials 3 /5 Bank Erosion 3 /5 Entrenchment Ratio 5 /5 A T Bed Materials 2 /5 Sediment Supply 3 /5 Sinuosity 5 /5 Attachment Sites 3 /5 Attachment Sites 3 /5						
T E Bed Materials 3 / 5 Bank Erosion 3 / 5 5 / 5 Entrenchment Ratio 5 / 5 S Sediment Supply 3 / 5 Vody Debris 5 / 5 Attachment Sites 3 / 5 S 3 / 5 S Sediment Supply 3 / 5 S Sediment Supply 5 / 5 Vody Debris 5 / 5 Attachment Sites 3 / 5						,
Y R S Bank Erosion 3 /5 5 /5 S /5 S /5 S /5 S /5 S /5 S /5						
S Entrenchment Ratio 5/5 S Woody Debris Attachment Sites 5/5 3/5						
Attachment Sites 3 /5						
			070			
			Chert	en man	ownender	

R					
A	Fotal Score	84 / 155	I	M	S16
N	Stability Score	48 / 100	Ν	Tookar	ny Creek
	Habitat Score	36 / 55	F		le Ave & Stanley Ave
	Priority In Shed	14 /102	О		n Township
	Priority In Tributary	4 / 50			
G		,			
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.70 (mi ²)	т	Pipes - # within reach	0
	Reach length	862 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	724 (ft)	U	Outfalls - # within reach	4
II	Distance to DS XS/Confluence	1000 (ft)	С	Manholes - # within reach	0
	Drainage Area Imperviousness	31.9 (%)	Т	Confluences - # within reach	0
	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
	Fotal Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
	Outfall Area	97.1 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	37.9
	Dutfalls	20 / 25		Riparian Width - DSR	1 /5
	Culverts	0 /20	H A	Riparian Width - DSL	5 /5
	Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
	infrastructure Pts	0 /5	B A	Riparian Composition - DSL	4 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type Reach Bed Stability	2 /5 4 /5	T E A T	Canopy Cover - DSL Bed Materials	4 /5 2 /5
	Bed Materials	4 / 5 3 / 5	T E	Sediment Supply	5 /5
	Bank Erosion	3 /5	R	Sinuosity	5 /5
	Entrenchment Ratio	3 /5	s	Woody Debris	5 /5
-		,		Attachment Sites	0 /5
and the second sec			BookdaleAve tenham T	O WATE HIP	Giensido Ave

R					
A	Total Score	67 / 155	I	M	518
	Stability Score		I N		
N K	Habitat Score	37 / 100 30 / 55	F		<u>iy Creek</u> 2 Ave & Rices Mill Rd
I	Priority In Shed	50 / 55 50 /102	r O		n Township
N	Priority In Tributary	23 / 50	U	Chertennar	
G	1 Hority III Hibutary	23 / 50			
S			S _	Dams - # within reach	1
Т	Upstream Drainage Area	$0.05 \text{ (mi}^2\text{)}$	Т	Pipes - # within reach	0
A T	Reach length Distance to US XS/Headwaters	1264 (ft) 1000 (ft)	R U	Bridges - # within reach Outfalls - # within reach	1 4
I	Distance to DS XS/Confluence	1450 (ft)	C	Manholes - # within reach	4 1
S	Drainage Area Imperviousness	35.2 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	404
С	Outfall Area	11.6 (ft ²)	Е	% Culverted within reach	31.9
S			S	% Channelized within reach	0.0
S P	Outfalls	4 / 25	Р	Riparian Width - DSR	0 /5
т А	Culverts	15 / 20		Riparian Width - DSL	5 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress	3 /10		Canopy Cover - DSR	4 /5
	Channel Type	2 /5		Canopy Cover - DSL	4 /5
	Reach Bed Stability Bed Materials	3 /5 3 /5		Bed Materials Sediment Supply	2 /5 3 /5
	Bank Erosion	3 /5		Sinuosity	5 /5 5 /5
S	Entrenchment Ratio	3 /5		Woody Debris	5 /5
		,		Attachment Sites	0 /5
	Seokaleave	entration of the second	enham T	Forenava Generacian de la composition Consideration de la composition de la composit	bington Township
Hewet	tRd		MS18		

R					
Α	Total Score	52 / 155	I	Μ	S20
N	Stability Score	13 / 100	Ν		ny Creek
	Habitat Score	39 / 55	F		ill Rd & Highland Ave
	Priority In Shed	84 /102	0		Township
Ν	Priority In Tributary	40 / 50		<u> </u>	
G	y ww y	10700			
S			S	Dams - # within reach	0
	Upstream Drainage Area	0.37 (mi ²)	T		0
T	Opstream Drainage Area Reach length	0.37 (fff) 1184 (ft)	I R	Pipes - # within reach Bridges - # within reach	0
A T	Distance to US XS/Headwaters	1450 (ft)		Outfalls - # within reach	0
ī	Distance to DS XS/Confluence	975 (ft)	C	Manholes - # within reach	0
S	Drainage Area Imperviousness	30.0 (%)	т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	$0.0 ({\rm ft}^2)$	Е	% Culverted within reach	0.0
S			S	% Channelized within reach	0.0
S P	Outfalls	0 / 25	Р	Riparian Width - DSR	3 /5
ТА	Culverts	0 / 20		Riparian Width - DSL	5 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	3 /5
	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	3 /5
	Shear Stress	3 /10		Canopy Cover - DSR	5 /5
	Channel Type	0 /5		Canopy Cover - DSL	5 /5
	Reach Bed Stability	3 /5		Bed Materials	2 /5
	Bed Materials Bank Erosion	3 /5 3 /5		Sediment Supply Sinuosity	3 /5 5 /5
S	Entrenchment Ratio	1 /5		Woody Debris	5 /5
		170		Attachment Sites	0 /5
		Rices Multined	A DI	ngton Township	A Partie Provide A
	CheyLe	nham Towns		And	

R			_				
Α	Total Score	53 / 155	I		S22		
Ν	Stability Score	14 / 100	N		n <u>y Creek</u>		
К	Habitat Score	39 / 55	F		h Ave & Paxson Ave		
I	Priority In Shed	81 /102	Ο	Abington	Township		
Ν	Priority In Tributary	38 / 50					
G							
S			S	Dams - # within reach	0		
т	Upstream Drainage Area	0.12 (mi ²)	т	Pipes - # within reach	1		
Α	Reach length	1054 (ft)	R	Bridges - # within reach	1		
Т	Distance to US XS/Headwaters	975 (ft)	U	Outfalls - # within reach	0		
I	Distance to DS XS/Confluence	1072 (ft)	С	Manholes - # within reach	1		
S	Drainage Area Imperviousness	25.4 (%)	Т	Confluences - # within reach	0		
T	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0		
I	Total Tributary Length	62107 (ft) 0.0 (ft ²)	R	Culvert Length - ft within reach	0		
C	Outfall Area	0.0 (11)	E S	% Culverted within reach % Channelized within reach	0.0		
S			5	% Channelized within feach	2.5		
S P	Outfalls	0 / 25	Р	Riparian Width - DSR	5 /5		
	Culverts	0 / 20		Riparian Width - DSL	5 /5		
	Channelization	2 /15		Riparian Composition - DSR	3 /5		
	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	3 /5		
	Shear Stress Channel Type	3 /10 0 /5	I M T E	Canopy Cover - DSR Canopy Cover - DSL	5 /5 5 /5		
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5		
ТЕ	Bed Materials	3 /5	ТЕ	Sediment Supply	1 /5		
	Bank Erosion	1 /5		Sinuosity	5 /5		
S	Entrenchment Ratio	1 /5	S	Woody Debris	5 /5		
				Attachment Sites	0 /5		
	Abington Township Jenkintown Borough						
C. K. S.	Cheltenham Tow	nis hitp Rayona					

R					
	Total Score	75 / 155	I	Μ	S24
	Stability Score	40 / 100	Ν		ny Creek
	Habitat Score	35 / 55	F		w Ave & Glenside Ave
	Priority In Shed	30 /102	О		m Township
	Priority In Tributary	14 / 50			_
G		,			
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.10 (mi ²)	т	Pipes - # within reach	0
	Reach length	1145 (ft)	R	Bridges - # within reach	2
TI	Distance to US XS/Headwaters	1072 (ft)	U	Outfalls - # within reach	5
II	Distance to DS XS/Confluence	1217 (ft)	С	Manholes - # within reach	1
	Drainage Area Imperviousness	28.9 (%)	Т	Confluences - # within reach	0
	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
	Fotal Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
	Outfall Area	27.5 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	27.7
	Outfalls	10 /25	Р	Riparian Width - DSR	5 /5
	Culverts	0 /20		Riparian Width - DSL	5 /5
	Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress Channel Type	3 /10 2 /5	I M T E	Canopy Cover - DSR Canopy Cover - DSL	4 /5 4 /5
	Reach Bed Stability	3 /5	A T	Bed Materials	4 /5
	Bed Materials	5 /5	ТЕ	Sediment Supply	3 /5
	Bank Erosion	3 /5	R	Sinuosity	5 /5
S H	Entrenchment Ratio	3 /5	S	Woody Debris	3 /5
			•	Attachment Sites	0 /5
		tenham Tow Janvio Ave	THE HIP	Abington Tow	nkintown Borodiji
and the second			ALL AND	38	GreenwoodAve

R				
A Total Score	83 / 155	I	M	S26
N Stability Score	48 / 100	N		v Creek
K Habitat Score	35 / 55	F		
I Priority In Shed	15 /102	0		
N Priority In Tributary	5 / 50			
G	5750			
S		S	Dams - # within reach	0
	0.39 (mi ²)			
	0.39 (ffi) 1013 (ft)		Pipes - # within reach Bridges - # within reach	2 2
A Reach length T Distance to US XS/Headwa			Outfalls - # within reach	2 5
I Distance to DS XS/Conflue	· · /	C	Manholes - # within reach	3
S Drainage Area Impervious		T	Confluences - # within reach	0
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	27.5 (ft ²)	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	22.3
S P Outfalls	10 /25	Р	Riparian Width - DSR	5 /5
T A Culverts	0 / 20		Riparian Width - DSL	5 /5
A R Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
B A Infrastructure Pts	2 /5	ВА	Riparian Composition - DSL	1 /5
I M Shear Stress	7 /10	I M	Canopy Cover - DSR	5 /5
L E Channel Type	3 /5		Canopy Cover - DSL	5 /5
I T Reach Bed Stability T E Bed Materials	3 /5		Bed Materials	2 /5
Y R Bank Erosion	3 /5 5 /5		Sediment Supply Sinuosity	3 /5 5 /5
S Entrenchment Ratio	5 /5		Woody Debris	3 /5
	0 / 0	0	Attachment Sites	0 /5
		a dia dia dia dia dia dia dia dia dia di	Summitave	kintown Borough

R			_		
Α	Total Score	71 / 155	I	M	S28
N	Stability Score	39 / 100	Ν	Tookany Creek	
К	Habitat Score	32 / 55	F		Ave & Glenside Ave
I	Priority In Shed	36 /102	0		n Township
N	Priority In Tributary	17 / 50	Ŭ		
G	Thomy in Thouary	17 / 50			
G					
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.20 (mi ²)	Т	Pipes - # within reach	2
Α	Reach length	1139 (ft)	R	Bridges - # within reach	1
Т	Distance to US XS/Headwaters	810 (ft)	U	Outfalls - # within reach	3
I	Distance to DS XS/Confluence	1468 (ft)	С	Manholes - # within reach	4
S	Drainage Area Imperviousness	26.3 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	9.3 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	20.8
S P	Outfalls	2 / 25	Р	Riparian Width - DSR	3 /5
T A	Culverts	0 / 20	НА	Riparian Width - DSL	5 /5
A R	Channelization	10 /15	A R	Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	2 /5	ВА	Riparian Composition - DSL	4 /5
I M	Shear Stress	7/10	I M	Canopy Cover - DSR	1 /5
L E	Channel Type	3 /5	ТЕ	Canopy Cover - DSL	5 /5
І Т	Reach Bed Stability	3 /5	ΑΤ	Bed Materials	0 /5
ТЕ	Bed Materials	2 /5	ТЕ	Sediment Supply	1 /5
Y R	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	5 /5
			-	Attachment Sites	0 /5
		Ch e li c	228 Terrham T	ownship	ashingtonLn
. da		KLN ME	-	N N	lashing and the sale

R					
A	Total Score	59 / 155	I	Μ	S30
N	Stability Score	39 / 100	N	Tookany Creek	
K	Habitat Score	20 / 55	F	525 ft NE of Serpentine Ln & Pardee Ln	
I	Priority In Shed	69 /102	0	_	n Township
N	Priority In Tributary	31 / 50			
G		01/00			
S			S	Dams - # within reach	0
T	Upstream Drainage Area	0.22 (mi ²)	Т	Pipes - # within reach	1
A	Reach length	1618 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	1468 (ft)	U	Outfalls - # within reach	4
Ι	Distance to DS XS/Confluence	1768 (ft)	С	Manholes - # within reach	2
S	Drainage Area Imperviousness	28.7 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	51
С	Outfall Area	15.1 (ft ²)	E	% Culverted within reach	3.2
S			S	% Channelized within reach	9.2
S P	Outfalls	6 /25		Riparian Width - DSR	0 /5
T A	Culverts	3 /20		Riparian Width - DSL	3 /5
A R	Channelization	4 /15	A R	Riparian Composition - DSR	1 /5
B A I M	Infrastructure Pts Shear Stress	1 /5 3 /10	B A I M	Riparian Composition - DSL Canopy Cover - DSR	1 /5 1 /5
L E	Channel Type	5 / 5		Canopy Cover - DSK Canopy Cover - DSL	1 /5
I T	Reach Bed Stability	4 /5	A T	Bed Materials	2 /5
ТЕ	Bed Materials	3 /5	ТЕ	Sediment Supply	3 /5
Y R	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
				Attachment Sites	0 /5
	Under an and and an and and and and and and a	Chelt	enham		

R				
A Total Score	76 / 155	I	M	S32
N Stability Score	46 / 100	N N		
K Habitat Score	40 / 100 30 / 55	F	<u>Tookany Creek</u>	
I Priority In Shed	36 / 33 26 /102	O I		
N Priority In Tributary	12 / 50	Ŭ		<u>ir rownsnip</u>
G	12 / 50			
S		S	Dams - # within reach	1
T Upstream Drainage Area	0.15 (mi ²)	Т	Pipes - # within reach	0
A Reach length T Distance to US XS/Headwaters	1559 (ft) 1768 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0 1
I Distance to DS X5/Headwaters	1350 (ft)	C	Manholes - # within reach	2
S Drainage Area Imperviousness	16.9 (%)	Т	Confluences - # within reach	0
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	205
C Outfall Area	3.1 (ft ²)	Е	% Culverted within reach	13.1
S		S	% Channelized within reach	25.5
S P Outfalls	1 /25	Р	Riparian Width - DSR	5 /5
T A Culverts	9 / 20		Riparian Width - DSL	0 /5
A R Channelization	10 /15	A R	Riparian Composition - DSR	1 /5
B A Infrastructure Pts	1 /5		Riparian Composition - DSL	1 /5
I M Shear Stress	7 /10		Canopy Cover - DSR	3 /5
L E Channel Type	2 /5		Canopy Cover - DSL	1 /5
I T Reach Bed Stability T E Bed Materials	3 /5 5 /5		Bed Materials Sediment Supply	4 /5 5 /5
Y R Bank Erosion	5/5		Sinuosity	5 /5
S Entrenchment Ratio	3 /5		Woody Debris	5 /5
	- / -		Attachment Sites	0 /5
	Che h	tenham T	ownship	Rei OakDr

Total Score	EA /1EE	т.	N	S34
	54 / 155	I		
Stability Score	30 / 100	N		n <u>y Creek</u>
Habitat Score	24 / 55	F		Iills Dr & Whitewood Rd
Priority In Shed	79 /102	Ο	Cheltenha	<u>m Township</u>
Priority In Tributary	36 / 50			
		S	Dams - # within reach	0
Upstream Drainage Area	0.14 (mi ²)	т	Pipes - # within reach	0
Reach length	1049 (ft)	R	Bridges - # within reach	0
Distance to US XS/Headwaters	1350 (ft)	U	Outfalls - # within reach	3
Distance to DS XS/Confluence	749 (ft)	С	Manholes - # within reach	0
Drainage Area Imperviousness	25.1 (%)	Т	Confluences - # within reach	0
Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
Outfall Area	11.0 (ft ²)	Е	% Culverted within reach	0.0
	,	S	% Channelized within reach	0.0
P Outfalls	4 /25	Р	Riparian Width - DSR	1 /5
Culverts	0 /20	H A	Riparian Width - DSL	3 /5
Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	1 /5
1 Shear Stress	7 /10	I M	Canopy Cover - DSR	1 /5
E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	4 /5
Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
E Bed Materials	3 /5	ТЕ	Sediment Supply	1 /5
R Bank Erosion	3 /5	R	Sinuosity	5 /5
6 Entrenchment Ratio	5 /5	S	Woody Debris	5 /5
			Attachment Sites	0 /5
Anorska -			• • •	Classica -
a ser a			i	
	1		1 Parts	Malpano
Transing	Chelt	enham, T	ownship	
COL AND	8	A man	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

R				
A Total Score	69 / 155	I	M	S 36
	34 / 100	N		
K Habitat Score I Priority In Shed	35 / 55 44 /102	F O		n Township
-	-	0	Chenenna	<u>ii Townsiup</u>
N Priority In Tributary	20 / 50			
S		S	Dams - # within reach	0
T Upstream Drainage Area	0.06 (mi ²)	Т	Pipes - # within reach	0
A Reach length	1391 (ft)	R	Bridges - # within reach	3
T Distance to US XS/Headwaters	749 (ft)	U	Outfalls - # within reach	4
I Distance to DS XS/Confluence S Drainage Area Imperviousness	2138 (ft) 18.7 (%)	C T	Manholes - # within reach Confluences - # within reach	3 0
T Shed Imperviousness	48.5 (%)	U I	Culverts - # within reach	0
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	$10.6 (ft^2)$	E	% Culverted within reach	0.0
S	-010 (/	S	% Channelized within reach	13.5
S P Outfalls	4 / 25	Р	Riparian Width - DSR	3 /5
T A Culverts	0 /20	H A	Riparian Width - DSL	3 /5
A R Channelization B A Infrastructure Pts	6 /15 2 /5	A R B A	Riparian Composition - DSR Riparian Composition - DSL	3 /5 1 /5
I M Shear Stress	2 / 5 3 /10	I M	Canopy Cover - DSR	5 /5
L E Channel Type	5 / 5	T E	Canopy Cover - DSK Canopy Cover - DSL	3 /5
I T Reach Bed Stability	3 /5	A T	Bed Materials	4 /5
T E Bed Materials	5 /5	ТЕ	Sediment Supply	5 /5
Y R Bank Erosion	1 /5	R	Sinuosity	3 /5
S Entrenchment Ratio	5 /5	S	Woody Debris	5 /5 0 /5
	a sale of the second se	enham T	ownship	EDORMAKORO
		and the second		alter alter

R				
A Total Score	82 / 155	I	Μ	S38
N Stability Score	42 / 100	N	Tookany Creek	
K Habitat Score	40 / 55	F	425 ft SW of Church Rd & Brookside Rd	
I Priority In Shed	20 /102	0		n Township
N Priority In Tributary	9 / 50			
G	5750			
S		S	Dams - # within reach	3
	0.17 (mi ²)			
T Upstream Drainage Area		Т	Pipes - # within reach Bridges - # within reach	0
AReach lengthTDistance to US XS/Headwaters	2073 (ft) 2138 (ft)	R U	Outfalls - # within reach	3 7
I Distance to DS X5/Treatwaters	1893 (ft)	C	Manholes - # within reach	5
S Drainage Area Imperviousness	27.7 (%)	Т	Confluences - # within reach	1
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	22
C Outfall Area	48.3 (ft ²)	Е	% Culverted within reach	1.1
S		S	% Channelized within reach	8.6
S P Outfalls	14 /25	Р	Riparian Width - DSR	5 /5
T A Culverts	3 /20		Riparian Width - DSL	5 /5
A R Channelization	4 /15		Riparian Composition - DSR	3 /5
B A Infrastructure Pts	3 /5	ВА	Riparian Composition - DSL	3 /5
I M Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
L E Channel Type	2 /5	ТЕ	Canopy Cover - DSL	4 /5
I T Reach Bed Stability	4 /5		Bed Materials	4 /5
T E Bed Materials	5 /5		Sediment Supply	5 /5
Y R Bank Erosion	1 /5		Sinuosity Maa da Dahaia	3 /5
S Entrenchment Ratio	3 /5	S	Woody Debris Attachment Sites	3 /5 0 /5
A B B B B B B B B B B B B B B B B B B B	C Heri	tenham T N538		po ema keijiRd
Carlos Con		High School	38	

R					
A	Total Score	83 / 155	I	M	S40
N	Stability Score	46 / 100	N N		ny Creek
K	Habitat Score	40 / 100 37 / 55	F		rch Rd & Mill Rd
к I	Priority In Shed	37 / 33 15 /102	r O		m Township
		-	0	Chenenna	<u>iii Township</u>
N G	Priority In Tributary	5 / 50			
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.82 (mi ²)	Т	Pipes - # within reach	0
Α	Reach length	1708 (ft)	R	Bridges - # within reach	1
Т	Distance to US XS/Headwaters	1893 (ft)	U	Outfalls - # within reach	6
I	Distance to DS XS/Confluence	1524 (ft)	C	Manholes - # within reach	0
S	Drainage Area Imperviousness	21.0 (%)	Т	Confluences - # within reach	1
T	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	62107 (ft) 22.8 (ft ²)	R	Culvert Length - ft within reach	44
C	Outfall Area	22.8 (11)	E	% Culverted within reach	2.6
S			S	% Channelized within reach	18.2
S P	Outfalls	10 /25	Р	Riparian Width - DSR	5 /5
T A	Culverts	3 /20	H A	Riparian Width - DSL	5 /5
A R	Channelization	8 /15		Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	3 /5
I M	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
LE	Channel Type	5 /5	T E	Canopy Cover - DSL	4 /5
I T T E	Reach Bed Stability Bed Materials	3 /5 3 /5		Bed Materials Sediment Supply	2 /5 3 /5
Y R	Bank Erosion	5 /5	I E R	Sinuosity	5 /5
I K S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
0		575	0	Attachment Sites	0 /5
The search of th	High SchoolRd	Che II	entram J	Toolani CreekPit	
					Ø

R					
Α	Total Score	70 / 155	I	M	S42
N	Stability Score	35 / 100	N		v Creek
К	Habitat Score	35 / 55	F		
I	Priority In Shed	39 /102	О		n Township
Ν	Priority In Tributary	18 / 50			t
G					
S			S	Dams - # within reach	2
T	Upstream Drainage Area	0.24 (mi ²)	т	Pipes - # within reach	- 1
A	Reach length	1883 (ft)	R	Bridges - # within reach	0
T	Distance to US XS/Headwaters	1524 (ft)	U	Outfalls - # within reach	4
I	Distance to DS XS/Confluence	2242 (ft)	С	Manholes - # within reach	1
S	Drainage Area Imperviousness	30.8 (%)	Т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	14.1 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	7.4
S P	Outfalls	4 /25	Р	Riparian Width - DSR	1 /5
T A	Culverts	0 /20	H A	Riparian Width - DSL	5 /5
A R	Channelization	4 /15	A R	Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	1 /5	BA	Riparian Composition - DSL	1 /5
	Shear Stress	3 /10	I M T E	Canopy Cover - DSR	5 /5 5 /5
L E I T	Channel Type Reach Bed Stability	5 /5 3 /5	T E A T	Canopy Cover - DSL Bed Materials	5 /5 4 /5
	Bed Materials	5 /5	T E	Sediment Supply	5 /5
	Bank Erosion	5 /5	R	Sinuosity	3 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
				Attachment Sites	0 /5
	Jookany CreekRky		Harris	omAve	
		Bourner and a second			Biological and a second s

	_					
77 / 155	I	M	S44			
		Tookany Creek				
-						
-						
-						
117.50						
	C		0			
(22)(-2)			0			
		-	5			
		-	0 4			
			4 2			
	Т		0			
48.5 (%)	U	Culverts - # within reach	2			
62107 (ft)	R	Culvert Length - ft within reach	204			
18.1 (ft ²)	Е	% Culverted within reach	12.2			
	S	% Channelized within reach	14.9			
6 /25	р	Riparian Width - DSR	5 /5			
		-	5 /5			
		-	3 /5			
	ВА		1 /5			
3 /10	I M	Canopy Cover - DSR	5 /5			
0 /5	ТЕ	Canopy Cover - DSL	4 /5			
4 /5			4 /5			
			5 /5			
		-	3 /5			
1/5	5	-	5 /5			
Attachment Sites 0/3						
	25.8 (%) 48.5 (%) 62107 (ft) 18.1 (ft ²) 6 /25 9 /20 6 /15 2 /5 3 /10 0 /5 4 /5 5 /5 1 /5 1 /5	$ \begin{array}{c} 40 / 55 \\ 24 / 102 \\ 11 / 50 \end{array} $ $ \begin{array}{c} 0 23 (mi^2) \\ 1675 (ft) \\ 2242 (ft) \\ 1047 (ft) \\ 25.8 (\%) \\ 48.5 (\%) \\ 62107 (ft) \\ 18.1 (ft^2) \end{array} $ $ \begin{array}{c} 6 / 25 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 8 \\ 8 \\ 7 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8$	40 / 55 24 / 102 11 / 50 S Dams - # within reach 0.23 (ml ²) T Pipes - # within reach 1675 (t) 2242 (ft) U Outfalls - # within reach 1047 (tf) 25.8 (%) G Outfalls - # within reach 1047 (tf) Confluences - # within reach C Manholes - # within reach 1047 (tf) Cuvert Length - ft within reach Cuvert Length - ft within reach 62107 (tf) R Culvert Length - ft within reach 8 9 / 20 6 / 15 R Riparian Width - DSR 8 7 Culverted within reach S Weather and Width - DSR 9 9 / 20 A R Riparian Composition - DSR 6 / 15 A R Riparian Composition - DSR 7 T E Sediment Supply Sinuosity 0 / 5 A T Bed Materials Sinuosity 1 / 5 T E Sediment Supply Sinuosity 1 / 5 S Woody Debris Attachment Sites			

R						
A Total Score	75 / 155	I	M	546		
N Stability Score	32 / 100	Ν	Tookany Creek			
K Habitat Score	43 / 55	F		Creek Pky & Carter Ln		
I Priority In Shed	30 /102	0		n Township		
N Priority In Tributary	14 / 50					
G	11,00					
S		S	Dams - # within reach	0		
T Upstream Drainage Area	0.08 (mi ²)	Т	Pipes - # within reach	1		
A Reach length	879 (ft)	R	Bridges - # within reach	0		
T Distance to US XS/Headwaters	1047 (ft)	U	Outfalls - # within reach	1		
I Distance to DS XS/Confluence	741 (ft)	С	Manholes - # within reach	1		
S Drainage Area Imperviousness	10.6 (%)	Т	Confluences - # within reach	0		
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0		
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0		
C Outfall Area	7.1 (ft ²)	E	% Culverted within reach	0.0		
S		S	% Channelized within reach	28.7		
S P Outfalls	2 /25		Riparian Width - DSR	5 /5		
T A Culverts	0 / 20		Riparian Width - DSL	5 /5		
A R Channelization	10 /15		Riparian Composition - DSR	4 /5		
B A Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	4 /5		
I M Shear Stress	3 /10		Canopy Cover - DSR	5 /5		
L E Channel Type I T Reach Bed Stability	2 /5 5 /5		Canopy Cover - DSL Bed Materials	5 /5 2 /5		
T E Bed Materials	3 /5		Sediment Supply	3 /5		
Y R Bank Erosion	3 /5		Sinuosity	5 /5		
S Entrenchment Ratio	3 /5		Woody Debris	5 /5		
	,	•	Attachment Sites	0 /5		
	Tookany CreekPky Cheltenham Township					

R			
A Total Score	65 / 155	I MS	548
N Stability Score	28 / 100		v Creek
K Habitat Score	23 / 100 37 / 55		reek Pky & Jenkintown Rd
I Priority In Shed	57 /102		n Township
N Priority In Tributary	27 / 50		
G			
S		S Dams - # within reach	1
T Upstream Drainage Area	0.03 (mi ²)	T Pipes - # within reach	0
A Reach length	413 (ft)	R Bridges - # within reach	0
T Distance to US XS/Headwaters	741 (ft)	U Outfalls - # within reach	1
I Distance to DS XS/Confluence	85 (ft)	C Manholes - # within reach	1
S Drainage Area Imperviousness		T Confluences - # within reach	0
T Shed Imperviousness	48.5 (%)	U Culverts - # within reach R Culvert Length - ft within reach	0
I Total Tributary Length C Outfall Area	62107 (ft) 7.1 (ft ²)	RCulvert Length - ft within reachE% Culverted within reach	0.0
S Outrall Area	7.1 (tt)	S % Channelized within reach	0.0
S P Outfalls	2 /25	P Riparian Width - DSR	5 /5
T A Culverts A R Channelization	0 /20 0 /15	H A Riparian Width - DSL A R Riparian Composition - DSR	0 /5 1 /5
B A Infrastructure Pts	0 / 15 1 /5	B A Riparian Composition - DSK	4 /5
I M Shear Stress	3 /10	I M Canopy Cover - DSR	5 /5
L E Channel Type	5 /5	T E Canopy Cover - DSL	5 /5
I T Reach Bed Stability	4 /5	A T Bed Materials	2 /5
T E Bed Materials	3 /5	T E Sediment Supply	5 /5
Y R Bank Erosion S Entrenchment Ratio	5 /5 5 /5	R Sinuosity S Woody Debris	5 /5 5 /5
3 Entrenchment Katio	575	Attachment Sites	0 /5
	Chelt	enham Township M548	

R					
A	Total Score	68 / 155	Ι	M	S50
	Stability Score	36 / 100	I N		vy Creek
K	Habitat Score	36 / 100 32 / 55	F		<u>ek Pky & Jenkintown Rd</u>
	Priority In Shed	32 / 33 47 /102	ГО	-	n Township
	Priority In Tributary		U	Cheltennan	<u>ii Township</u>
N G	1 Holity III HIDutaly	21 / 50			
S			S	Dams - # within reach	0
Т	Upstream Drainage Area	0.01 (mi ²)	Т	Pipes - # within reach	0
	Reach length Distance to US XS/Headwaters	523 (ft) 85 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0 1
	Distance to DS XS/Confluence	962 (ft)	C	Manholes - # within reach	0
s	Drainage Area Imperviousness	3.8 (%)	Т	Confluences - # within reach	0
	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	3.1 (ft ²)	Е	% Culverted within reach	0.0
S			S	% Channelized within reach	44.7
S P	Outfalls	1 /25	Р	Riparian Width - DSR	5 /5
ТА	Culverts	0 / 20		Riparian Width - DSL	1 /5
A R	Channelization	12 /15		Riparian Composition - DSR	4 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	1 /5
	Shear Stress	3 /10		Canopy Cover - DSR	5 /5
	Channel Type	5 /5		Canopy Cover - DSL	3 /5
	Reach Bed Stability	3 /5	A T T T	Bed Materials	0 /5
	Bed Materials Bank Erosion	2 /5 5 /5		Sediment Supply Sinuosity	3 /5 5 /5
S	Entrenchment Ratio	5 /5		Woody Debris	5 /5
		0 / 0		Attachment Sites	0 /5
		us to Chelt	enham T	ownship	
					a de

A Total Score 67/155 N Stability Score 31/100 Priority In Shed 36/55 Priority In Shed 36/55 O Dams - # within reach 0 G T Upstream Drainage Area 0.12 (00 ¹) A Reach length 1071 (0) 0 D Distance to US XS/theadwaters 0.55 (0) S Distance to US XS/theadwaters 135 (0) C Confluence: 485 (%) C Outfalls # within reach 0 S Dutfalls # within reach 0 C Confluence: 485 (%) C Outfalls # within reach 0 S P Outfalls # within reach 0 S Cuiverts 0/20 N S P Outfalls 2/25 A R Ruparian Within reach 0 C Confluence: 4/5 2/5 A Cuiverts 0/20 A R S P Outfall Area 3/5 5/5	R				
N Stability Score 31/100 N Tookany Creek Habitat Score 36/55 0/02 20/15 of Tookany Creek Pky & lenkintown Rd N Priority In Tributary 23/50 0 20/15 of Tookany Creek Pky & lenkintown Rd G T Upstream Drainage Area 0.12 (mi ²) 0 0 0 A Reach length 1071 (ft) 95 (ft) 0 0 0 0 T Distance to US XS/feadwaters 95 (ft) 1071 (ft) 0 0 0 0 0 T Stability 1071 (ft) 96 (ft) 0		67 / 155	I	M	S52
K Habitat Sore 36 / 55 N Priority In Tributary 23 / 30 S Upstream Drainage Area 0.12 (m ²) A Reach length 0 T Distance to US XS/fleadwaters 02 (k) S Drainage Area 0.12 (m ²) S P Outfalls 2 / 25 (%) G Dutatils 2 / 25 (%) S P Outfalls 2 / 25 (%) L Culverts N (Mith - DSI 3 / 5 S R (Datamatructure Pis 3 / 5 L P			Ν	Tookar	ny Creek
Priority In Shed 50 / 102 Priority In Tributary 23 / 50 S Upstream Drainage Area 0.12 (ml) A Reach length 0 T Distance to DS XS/Confluence 1188 (f) Distance to DS XS/Confluence 1188 (f) S Drainage Area 0.21 (ml) T Obstance to DS XS/Confluence 1188 (f) Distance to DS XS/Confluence 1188 (f) S Drainage Area 0.21 (ml) I S Distance to DS XS/Confluence 1188 (f) S Drainage Area 0.21 (ml) I Confluences -# within reach 0 C Outfall Area 0 S P Outfalls 2 / 25 S P Riparian Composition - DSR 3 / 5 B A Riparian Composition - DSR 4 / 5 I M Shear Stress 3 / 10 I E Channelization 1 / 5 I R Bed Materials 0 / 5 S R Canopy Cover - DSR 4 / 5 I R Riparian Composition - DSR 4 / 5 I R Bank Erosion 5 / 5 S S Nod		-			•
N Priority In Tributary 23 / 50 S Image: Tributary 10 / 10 / 10 / 10 / 10 / 10 / 10 / 15 Image: Tributary Tributary 23 / 50 S P Dustance to US XS/Iteadwaters 962 (ft) Tributary Tributary 20 / 00 / 00 / 00 / 00 / 00 / 00 / 00 /		-			
G S T Upstream Drainage Area 0.12 (m ³) A Reach length 0 Distance to US XS/Headwaters 962 (f) S Drainage Area 0.22 (m ³) T Distance to US XS/Headwaters 962 (f) S Drainage Area 0 T Stocd Imperviousness 455 (%) G Outfalls - # within reach 0 C Distance to DS XS/Confluence 1188 (h) Distance to DS XS/Confluence 1188 (h) 0.15 S Doufalls Area 2.05 1 T A Constructed within reach 0.05<	2	•			t
T A Reach length T Distance to US X5/Headwaters Solution to US			8		
A T Distance to US XS/Headwaters S Drainage Area Imperviousness Shed Imperviousness C Outfall Area1071 (ft) 962 (ft) 962 (ft) 1188 (ft) 253 (%) 48.5 (%) 62107 (ft) 7.1 (ft)R 962 (ft) 1188 (ft) 62107 (ft) 7.1 (ft)B R Bridges - # within reach 0 Culverts - # within reach 0 Culverts - # within reach 0 Culverts - # within reach 0 0.0 utfall Area2 1 0 0.0 utfall AreaSSP 0.0 utfalls2 / 25 (ft) 7.1 (ft)R 1/5R 1/5 Culverted within reach % Culverted within reach % Culverts - BSL % Channelization % Channelization DOSL % Channelization DOSL % Channelization % Channelization DOSL % Channelization % Channelization % Channelization DOSL % Channelization % Culverted within reach % Channelization % Channelization % Channelization % Channeli	S		S	Dams - # within reach	0
A T Distance to US XS/Headwaters S Drainage Area Imperviousness Shed Imperviousness C Outfall Area1071 (ft) 962 (ft) 962 (ft) 1188 (ft) 253 (%) 48.5 (%) 62107 (ft) 7.1 (ft)R 962 (ft) 1188 (ft) 62107 (ft) 7.1 (ft)B R Bridges - # within reach 0 Culverts - # within reach 0 Culverts - # within reach 0 Culverts - # within reach 0 0.0 utfall Area2 1 0 0.0 utfall AreaSSP 0.0 utfalls2 / 25 (ft) 7.1 (ft)R 1/5R 1/5 Culverted within reach % Culverted within reach % Culverts - BSL % Channelization % Channelization DOSL % Channelization DOSL % Channelization % Channelization DOSL % Channelization % Channelization % Channelization DOSL % Channelization % Culverted within reach % Channelization % Channelization % Channelization % Channeli		$0.12 \text{ (mi}^2)$			
T Distance to US XS/Headwaters 962 (f) I Distance to DS XS/Confluence 1188 (f) S Drainage Area Imperviousness 25 (%) Shed Imperviousness 48.5 (%) C Outfalls - # within reach 0 C Outfall Area 0 S Prainage Area Imperviousness 25 (%) G Outfall Area 0 S Prainage Area Imperviousness 25 (%) G Outfall Area 0 S P Outfalls 2 / 25 T A fit Astrocture Pis 0 / 20 0 8 A Infrastructure Pis 10 / 15 8 A fit Astrocture Pis 5 / 5 I T Calverts 3 / 10 1 M Canopy Cover - DSR 4 / 5 I T Reach Bed Stability 3 / 5 5 5 Schamet Jastros 9 / 5 I T Reach Bed Stability 3 / 5 5 5 5 5 I T Bed Materials 0 / 5 5 5 5 <t< td=""><th></th><td></td><td></td><td>-</td><td></td></t<>				-	
I Distance to DS XS/Confluence Drainage Area Imperviousness T Shed Imperviousness Outfall Area Outfall Area1188 (ft) 2.5 (%) 62107 (ft) 7.1 (ft)SC Collected Within Teach Culverts A R Culverts A R Channelization L expansion D 0/15 B A L frastructure Pts T E B Channel Type S E Channel Type S E Culverts S A D 0/20 Culverts A R Culverts Culverts Culverts A R Channelized within reach D 0/20 A R Culverts Culverts Culverts A R Channelized within reach D 0/20 A R Culverts Culverts Culverts A R Culverts Culverts Culverts D 0/15 B A L frastructure Pts T E B Culfall Materials C Canopy Cover - DSL S Canopy Cover - DSL S Co	0	()		_	
T I C Outfall Area48.5 (%) 62107 (ft) 7.1 (ft ²)U C Culverts + # within reach Culvert dwithin reach % Culverted within reach % Culverted within reach % Culverted within reach % Culverted within reach 0.0 28.4SP Culverts0/20 10 /15 B A L farstructure Pts0 /20 10 /15 1 /5 1 /5 1 F 1 Reach Bed Stability 3 /5 5 Entrenchment Ratio0 /21 2 /25 3 /5 5 Entrenchment Ratio0 /22.4Y RR Bank Erosion 3 /51 2 /5 5 Entrenchment Ratio0 /20 3 /51 7 /5 5 Entrenchment Ratio0 /20 2 /5 7 /5T CulvertsCulverts0 /20 0 /20 10 /15 1 /5 5 /50 /20 7 /5 7 /51 7 /5 7 /5 7 /51 7 /5 7 /5 7 /51 7 /5 7 /5 7 /51 7 /5 7 /5 7 /5 7 /5 7 /51 7 /5 7 /5 7 /5 7 /5 7 /5 7 /5 7 /51 7 /5 7 /5 		()	С	Manholes - # within reach	0
1 C STotal Tributary Length Outfall Area62107 (tr) 7.1 (tf)R 8Culvert Length - ft within reach % Culverted within reach % Channelized wit	S Drainage Area Imperviousness	2.5 (%)	Т	Confluences - # within reach	0
C Outfall Area 7.1 (ft ²) E % Claverted within reach 0.0 S P Outfalls 2/25 0 28.4 S P Culverts 0 28.4 A R Channelization 10 7.5 A R Channelization 10 7.5 I M Shear Stress 3 7.0 I T Reach Bed Stability 3 7.5 I T Reach Bed Stability 3 7.5 T E Bed Materials 0 0 Y R Bank Erosion 5 5 S Entrenchment Ratio 3 7.5 Y R Bank Erosion 5 5 S Entrenchment Ratio 3 7.5 V Voody Debris 0 7.5 S Vo		48.5 (%)	U	Culverts - # within reach	0
S % Channelized within reach 28.4 S P Riparian Width - DSR 3 /5 I A Culverts 0 /20 5 A R Channelization 10 /15 5 I M Shear Stress 3 /10 6 I E Channel Type 2 /5 7 8 I T Reach Bed Stability 3 /5 5 5 I T Reach Bed Stability 3 /5 5 5 I T Reach Bed Stability 3 /5 5 5 I T Reach Bed Stability 3 /5 5 5 S Entrenchment Ratio 3 /5 5 5 S Entrenchment Ratio 3 /5 5 5 S Tothany Creakey 6 5 5 Voody Debris 3 /5 3 /5 3 /5 5 S Voody Debris 3 /5 3 /5 5 S Voody Debris 0 /5 5 5 S Voody Debris 0 /5 5 5 S Voody	I Total Tributary Length		R	Culvert Length - ft within reach	0
S P Outfalls 2 / 25 A Culverts 0 / 20 A R Channelization 10 / 15 B A Infrastructure Pts 1 / 5 I M Shear Stress 3 / 10 L E Channel Type 2 / 5 I T Reach Bed Stability 3 / 5 T E Bed Materials 2 / 5 Y R Bank Erosion 5 / 5 S Entrenchment Ratio 3 / 5 S Entrenchment Ratio 3 / 5	C Outfall Area	7.1 (ft ²)	Е	% Culverted within reach	0.0
TACulverts0 / 20ARChannelization10 / 15BAInfrastructure Pts1 / 5IMShear Stress3 / 10LEChannel Type2 / 5ITReach Bed Stability3 / 5TEBed Materials2 / 5YRBank Erosion5 / 5SEntrenchment Ratio3 / 5	S		S	% Channelized within reach	28.4
A R Channelization 10/15 1 A R R parian Composition - DSR 4/5 I M Shear Stress 3/10 1 K R Riparian Composition - DSR 4/5 I M Shear Stress 3/10 1 K R Riparian Composition - DSR 4/5 I M Shear Stress 3/10 1 M Canopy Cover - DSR 4/5 I T Reach Bed Stability 2/5 A T Bed Materials 0/5 S Entrenchment Ratio 3/5 5 S Sediment Supply 3/5 S Entrenchment Ratio 3/5 S Sinuosity 5/5 Attachment Sites 0/5 3/5 3/5 Attachment Sites 0/5	S P Outfalls	2 /25	Р	Riparian Width - DSR	3 /5
B A Infrastructure Pts 1 /5 I M Shear Stress 3 /10 L E Channel Type 2 /5 I T Reach Bed Stability 3 /5 T E Bed Materials 0 /5 S Entrenchment Ratio 3 /5 F F B Bank Erosion 5 /5 S Entrenchment Ratio 3 /5 S Entrenchment Ratio 3 /5	T A Culverts	0 /20	н а	Riparian Width - DSL	5 /5
I M Shear Stress 3 /10 I M Canopy Cover - DSR 4 /5 I T Reach Bed Stability 3 /5 A T E Ganopy Cover - DSR 5 /5 I T Reach Bed Stability 3 /5 A T E Ganopy Cover - DSR 5 /5 I T E Bed Materials 0 /5 5 S Entrenchment Ratio 3 /5 T E S S V R Bank Erosion 5 /5 S S Woody Debris 3 /5 S Entrenchment Ratio 3 /5 S S Woody Debris 3 /5 Attachment Sites 0 /5 5 S O/5 S Attachment Sites 0 /5	A R Channelization	10 /15	A R	Riparian Composition - DSR	4 /5
L E Channel Type 2 / 5 T E Canopy Cover - DSL 5 / 5 N Bed Materials 2 / 5 Bed Materials 0 / 5 Y R Bank Erosion 5 / 5 Entrenchment Ratio 3 / 5 S Entrenchment Ratio 3 / 5 S Sediment Supply 3 / 5 S Model Debris 3 / 5 S S Woody Debris 3 / 5 Attachment Sites 0 / 5 S S Woody Debris 3 / 5 Attachment Sites 0 / 5 S S Woody Debris 3 / 5		-	B A		4 /5
I T Reach Bed Stability 3 /5 A T Bed Materials 0 /5 Y R Bank Erosion 5 /5 Sediment Supply 3 /5 S Entrenchment Ratio 3 /5 Sediment Supply 3 /5 Voody Debris 3 /5 3 /5 Attachment Sites 0 /5		-			1
T E Bed Materials 2 / 5 5					
Y R Bank Erosion 5 / 5 3 / 5 S Entrenchment Ratio 3 / 5 0 / 5 Attachment Sites 0 / 5					
S Entrenchment Ratio 3 /5 S Woody Debris Attachment Sites 3 /5 0 /5					-
Attachment Sites 0/5				5	-
Tookany CreekPky	S Entrenchment Ratio	5/5	5		
Reling GreenRd			tenham T	05	ng GreenRd

R					
A	Total Score	61 / 155	I	M	S54
N	Stability Score	30 / 100	N		ny Creek
K	Habitat Score	31 / 55	F		V Creej Pky & Beryl Rd
I	Priority In Shed	64 /102	0		n Township
N	Priority In Tributary	30 / 50	U	Clienteinia	<u>ii i ownsnip</u>
G		30 / 30			
S			S	Dams - # within reach	0
	U	0.04 (mi ²)			
T	Upstream Drainage Area		Т	Pipes - # within reach	0
A T	Reach length Distance to US XS/Headwaters	1004 (ft) 1188 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0 0
I	Distance to DS XS/Confluence	820 (ft)	C	Manholes - # within reach	0
s	Drainage Area Imperviousness	18.8 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	48.5 (%)	Ū	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	$0.0 (ft^2)$	Е	% Culverted within reach	0.0
S		0.0 ()	s	% Channelized within reach	22.0
	Outfalls	0 /25			
S P T A	Outfalls Culverts	0 /25 0 /20		Riparian Width - DSR Riparian Width - DSL	0 /5 3 /5
T A A R	Culverts Channelization	0 / 20 10 / 15		Riparian Width - DSL Riparian Composition - DSR	3/5 1/5
A R B A	Channelization Infrastructure Pts	0 /5	A K B A	Riparian Composition - DSR Riparian Composition - DSL	4 /5
I M	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
LE	Channel Type	2 /5	ТЕ	Canopy Cover - DSL	4 /5
ΙΤ	Reach Bed Stability	4 /5		Bed Materials	2 /5
ТЕ	Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
Y R	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	3 /5	S	Woody Debris	3 /5
			•	Attachment Sites	0 /5
	Whater	Tookimy Cr	eekPky		
and the second s		Chell	cenham T	ownship	
				and the second s	Oak Hundy,
7	And			WalthamRg	

R					
	otal Score	53 / 155	I	Μ	S56
	tability Score	29 / 100	N	Tookany Creek	
	abitat Score	24 / 55	F		Rd & Krewson Ln
	riority In Shed	81 /102	О		n Township
	riority In Tributary	38 / 50			_
G					
S			S	Dams - # within reach	0
	pstream Drainage Area	0.08 (mi ²)	Т	Pipes - # within reach	0
	each length	1122 (ft)	R	Bridges - # within reach	0
	istance to US XS/Headwaters	820 (ft)	U	Outfalls - # within reach	3
	istance to DS XS/Confluence	1485 (ft)	С	Manholes - # within reach	0
S Dr	rainage Area Imperviousness	18.3 (%)	т	Confluences - # within reach	0
T Sh	ned Imperviousness	48.5 (%)	U	Culverts - # within reach	0
	otal Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
	utfall Area	14.9 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	8.6
	utfalls	4 /25	Р	Riparian Width - DSR	0 /5
	alverts	0 /20	H A	Riparian Width - DSL	5 /5
_	nannelization	4 /15	A R	Riparian Composition - DSR	1 /5
	frastructure Pts	0 /5	B A	Riparian Composition - DSL	1 /5
	near Stress	3 /10	I M T F	Canopy Cover - DSR	3 /5
	hannel Type each Bed Stability	5 /5 3 /5	T E A T	Canopy Cover - DSL Bed Materials	5 /5 0 /5
	ed Materials	2 /5	T E	Sediment Supply	1 /5
_	nk Erosion	3 /5	R	Sinuosity	5 /5
S En	ntrenchment Ratio	5 /5	S	Woody Debris	3 /5
				Attachment Sites	0 /5
Value	amga		enham I	о w п s fi . Гр	

R					
	tal Score	70 / 155	I	M	S58
	ability Score	40 / 100	N	Tookany Creek	
	bitat Score	40 / 100 30 / 55	F		ourne Rd & Foster Rd
	iority In Shed	30 / 33 39 /102	0		n Township
	iority In Tributary	18 / 50	U		<u>ir rownsnip</u>
G	only in moutary	18 / 50			
					0
S		a . a (·2)	S _	Dams - # within reach	0
_	stream Drainage Area	$0.10 \text{ (mi}^2)$		Pipes - # within reach	1
	ach length	1845 (ft)		Bridges - # within reach Outfalls - # within reach	2 5
	stance to US XS/Headwaters stance to DS XS/Confluence	1485 (ft) 2143 (ft)	U C	Manholes - # within reach	0
	ainage Area Imperviousness	22.8 (%)	Т	Confluences - # within reach	2
	ed Imperviousness	48.5 (%)	Ū	Culverts - # within reach	0
	al Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
	tfall Area	19.6 (ft ²)	Е	% Culverted within reach	0.0
S			S	% Channelized within reach	23.6
S P Out	tfalls	6 /25	Р	Riparian Width - DSR	1 /5
	lverts	0 / 20		Riparian Width - DSL	5 /5
	annelization	10 /15		Riparian Composition - DSR	3 /5
	rastructure Pts	2 /5		Riparian Composition - DSL	1 /5
I M She	ear Stress	3 /10	I M	Canopy Cover - DSR	3 /5
	annel Type	5 /5	ТЕ	Canopy Cover - DSL	3 /5
	ach Bed Stability	4 /5		Bed Materials	0 /5
	d Materials	2 /5		Sediment Supply	3 /5
	nk Erosion	3 /5		Sinuosity Was de Dahris	5 /5
S Ent	renchment Ratio	5 /5	S	Woody Debris Attachment Sites	3 /5 3 /5
		Contraction of the second seco	an ham T	o w n s hi p	
	Conserved a second	S.			

R				
A Total Score	63 / 155	I	M	S60
N Stability Score	36 / 100	N N	Tookany Creek	
K Habitat Score	27 / 55	F		<u>Ave & Myrtle Ave</u>
I Priority In Shed	60 /102	ГО		n Township
N Priority In Tributary	-	U	Clienteinia	<u>ii i ownship</u>
G G	28 / 50			
			D	2
S		S	Dams - # within reach	0
T Upstream Drainage Area	0.21 (mi ²)	Т	Pipes - # within reach	1
A Reach length T Distance to US XS/Headwaters	1599 (ft)	R	Bridges - # within reach Outfalls - # within reach	2 4
T Distance to US XS/HeadwatersI Distance to DS XS/Confluence	2143 (ft) 947 (ft)	U C	Manholes - # within reach	4
S Drainage Area Imperviousness	35.6 (%)	Т	Confluences - # within reach	0
T Shed Imperviousness	48.5 (%)	Ū	Culverts - # within reach	0
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	14.1 (ft ²)	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	15.6
S P Outfalls	4 /25	Р	Riparian Width - DSR	3 /5
T A Culverts	0 / 20	НА	Riparian Width - DSL	3 /5
A R Channelization	8 /15	A R	Riparian Composition - DSR	3 /5
B A Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	3 /5
I M Shear Stress	3 /10	I M	Canopy Cover - DSR	3 /5
L E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	3 /5
I T Reach Bed Stability	3 /5	A T	Bed Materials	0 /5
T E Bed Materials	2 /5	ТЕ	Sediment Supply	3 /5
Y R Bank Erosion	5 /5	R	Sinuosity	3 /5
S Entrenchment Ratio	5 /5	S	Woody Debris Attachment Sites	3 /5 0 /5
	Chenter of the second s	en fram T	ownship A and a and a second sec	Philadelphia

R					
A	Total Score	45 / 155	I	Μ	S62
N	Stability Score	26 / 100	Ν		ny Creek
K	Habitat Score	19 / 55	F		r Rd & Gilbert Rd
I	Priority In Shed	99 /102	0		m Township
N	Priority In Tributary	48 / 50	Ŭ	Chertenna	<u>in Township</u>
G	1 Honty III HIDutary	40 / 50			
S		2	S	Dams - # within reach	0
Т	Upstream Drainage Area	0.09 (mi ²)	Т	Pipes - # within reach	2
Α	Reach length	980 (ft)		Bridges - # within reach	0
Т	Distance to US XS/Headwaters	947 (ft)	U	Outfalls - # within reach	1
I	Distance to DS XS/Confluence	1013 (ft)	C T	Manholes - # within reach	0
S T	Drainage Area Imperviousness	29.0 (%)	I U	Confluences - # within reach Culverts - # within reach	0 0
I	Shed Imperviousness Total Tributary Length	48.5 (%) 62107 (ft)		Culvert Length - ft within reach	0
C	Outfall Area	$7.1 (ft^2)$		% Culverted within reach	0.0
s	Outrali Area	7.1 (11)	S	% Channelized within reach	0.0
S P	Outfalls	2 /25		Riparian Width - DSR	3 /5
T A	Culverts	0 /20		Riparian Width - DSL	0 /5
A R	Channelization	0 /15		Riparian Composition - DSR	0 /5
B A	Infrastructure Pts	1 /5	B A	Riparian Composition - DSL	0 /5
I M	Shear Stress	3 /10	I M	Canopy Cover - DSR	3 /5
L E I T	Channel Type Reach Bed Stability	5 /5 3 /5	T E A T	Canopy Cover - DSL Bed Materials	4 /5 0 /5
ТЕ	Reach Bed Stability Bed Materials	3 / 3 2 / 5		Sediment Supply	3 /5
Y R	Bank Erosion	2 / 3 5 / 5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5		Woody Debris	1 /5
_		- / -		Attachment Sites	0 /5
Manual Concern		toon man and a second s	enham T	ownship	
Contraction of the second				ANT AT	Philadelphia

R			
A Total Score	68 / 155	I	MS64
N Stability Score	30 / 100	Ν	Tookany Creek
K Habitat Score	38 / 55	F 350 ft SI	E of Ashmead Rd & Gilbert Rd
I Priority In Shed	47 /102		Cheltenham Township
N Priority In Tributary	21 / 50		*
G	21700		
S		S Dams - # within reach	1
T Upstream Drainage Area	0.09 (mi ²)	T Pipes - # within reach	0
A Reach length	857 (ft)	R Bridges - # within reach	
T Distance to US XS/Headwaters	1013 (ft)	U Outfalls - # within read	
I Distance to DS XS/Confluence	701 (ft)	C Manholes - # within rea	
S Drainage Area Imperviousness	31.0 (%)	T Confluences - # within	
T Shed Imperviousness	48.5 (%)	U Culverts - # within read	
I Total Tributary Length	62107 (ft)	R Culvert Length - ft with	
C Outfall Area	$10.8 (\text{ft}^2)$	E % Culverted within re	
S	10.0 ()	S % Channelized within	
S P Outfalls	4 /25	P Riparian Width - DSR	3 /5
T A Culverts	4 / 25 0 / 20	H A Riparian Width - DSL	5 /5
A R Channelization	6 /15	A R Riparian Composition	
B A Infrastructure Pts	6 / 15 1 / 5	B A Riparian Composition	
I M Shear Stress	3 /10	I M Canopy Cover - DSR	4 /5
L E Channel Type	2 /5	T E Canopy Cover - DSL	4 /5
I T Reach Bed Stability	3 /5	A T Bed Materials	4 /5
T E Bed Materials	5 /5	T E Sediment Supply	5 /5
Y R Bank Erosion	3 /5	R Sinuosity	5 /5
S Entrenchment Ratio	3 /5	S Woody Debris	3 /5
		Attachment Sites	0 /5
	MS64	creekPky enham Township	

R				
A Total Score	66 / 155	I	MS70	
N Stability Score	31/100	N	Tookany Creek	
K Habitat Score	35 / 55		W of Tookany Creek Pky & Ashmead R	d
I Priority In Shed	53 /102	0	Cheltenham Township	
N Priority In Tributary	25 / 50			
G	_0700			
S		S Dams - # within r	reach 0	
T Upstream Drainage Area	0.09 (mi ²)	T Pipes - # within r		
A Reach length	904 (ft)	R Bridges - # within		
T Distance to US XS/Headwa		U Outfalls - # withi		
I Distance to DS XS/Conflue		C Manholes - # with		
S Drainage Area Impervious		T Confluences - # w		
T Shed Imperviousness	48.5 (%)	U Culverts - # withi	n reach 0	
I Total Tributary Length	62107 (ft)	R Culvert Length -	ft within reach 0	
C Outfall Area	3.1 (ft ²)	E % Culverted with	nin reach 0.0	
S		S % Channelized w		
S P Outfalls	1 /25	P Riparian Width -	DSR 5 /5	
T A Culverts	0 / 20	H A Riparian Width -		
A R Channelization	12 /15	A R Riparian Compos	-	
B A Infrastructure Pts	1 /5	B A Riparian Compos		
I M Shear Stress	3 /10	I M Canopy Cover - D		
L E Channel Type	2 /5	T E Canopy Cover - D	OSL 4 /5	
I T Reach Bed Stability	4 /5	A T Bed Materials	0 /5	
T E Bed Materials	2 /5	T E Sediment Supply		
Y R Bank Erosion	3 /5	R Sinuosity	5 /5	
S Entrenchment Ratio	3 /5	S Woody Debris	3 /5	
		Attachment Sites	3 /5	
	Source of the second seco	entram Township		

R				
A Total Score	59 / 155	I	М	S72
N Stability Score	20 / 100	Ν	F	ny Creek
K Habitat Score	39 / 55	F		<u>Creek Pky & Johns Rd</u>
I Priority In Shed	69 /102	О		n Township
N Priority In Tributary	31 / 50			L
G		8		
S		S	Dams - # within reach	0
T Upstream Drainage Area	0.14 (mi ²)	Т	Pipes - # within reach	1
A Reach length	1383 (ft)	R	Bridges - # within reach	2
T Distance to US XS/Headwaters		U K	Outfalls - # within reach	0
I Distance to DS XS/Confluence	1659 (ft)	C	Manholes - # within reach	1
S Drainage Area Imperviousness		т	Confluences - # within reach	2
T Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	$0.0 ({\rm ft}^2)$	E	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
S P Outfalls	0 /25	Р	Riparian Width - DSR	5 /5
T A Culverts	0 /20	H A	Riparian Width - DSL	3 /5
A R Channelization	0 /15	A R	Riparian Composition - DSR	4 /5
B A Infrastructure Pts	2 /5	B A	Riparian Composition - DSL	3 /5
I M Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
L E Channel Type	2 /5	ТЕ	Canopy Cover - DSL	4 /5
I T Reach Bed Stability T E Bed Materials	4 /5 3 /5	A T T E	Bed Materials Sediment Supply	2 /5 5 /5
Y R Bank Erosion	3 /5	R	Sinuosity	5 /5
S Entrenchment Ratio	3 /5		Woody Debris	3 /5
			Attachment Sites	0 /5
ParkviewRa	Chel	enham T	ownship	Philadelpina

R					
A	Total Score	49 / 155	I	M	S74
N	Stability Score	26 / 100	Ν		ny Creek
к	Habitat Score	23 / 55	F		Creek Pky & Johns Rd
I	Priority In Shed	93 /102	О	-	n Township
Ν	Priority In Tributary	43 / 50			_
G			3		
S			S	Dams - # within reach	0
T	Upstream Drainage Area	0.42 (mi ²)	Т	Pipes - # within reach	0
A	Reach length	1113 (ft)	R	Bridges - # within reach	0
T	Distance to US XS/Headwaters	1659 (ft)	U	Outfalls - # within reach	0
I	Distance to DS XS/Confluence	567 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	34.9 (%)	т	Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	0.0 (ft ²)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	0.0
S P	Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
T A	Culverts	0 / 20	H A	Riparian Width - DSL	0 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	0 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	0 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	5 /5	ТЕ	Canopy Cover - DSL	4 /5
	Reach Bed Stability Bed Materials	3 /5 5 /5	A T T E	Bed Materials Sediment Supply	4 /5 3 /5
	Bank Erosion	5 /5	I E R	Sinuosity	5 /5
	Entrenchment Ratio	5/5	S	Woody Debris	0 /5
-		- / -		Attachment Sites	3 /5
1 A Strand Land	agreed and a second and a secon	Chelten	ham Tow	nship	
and the second se					Philla dje i pih ja

R				
A Total Score	48 / 155	I	M	S76
N Stability Score	26 / 100	N		ny Creek
K Habitat Score	20 / 100	F		ek Pky & Cheltenham Ave
I Priority In Shed	95 /102	0		n Township
N Priority In Tributary	45 / 50	U	Ciencinia	<u>i i ownsnip</u>
G	43730			
				0
S	· · · · · · · · · · · · · · · · · · ·	S _	Dams - # within reach	0
T Upstream Drainage Area	0.05 (mi ²)		Pipes - # within reach	0
A Reach length T Distance to US XS/Headwaters	698 (ft) 567 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0
T Distance to US XS/HeadwatersI Distance to DS XS/Confluence	830 (ft)	C	Manholes - # within reach	0
S Drainage Area Imperviousness	25.8 (%)	Т	Confluences - # within reach	0
T Shed Imperviousness	48.5 (%)		Culverts - # within reach	0
I Total Tributary Length	62107 (ft)		Culvert Length - ft within reach	0
C Outfall Area	$0.0 (ft^2)$	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
S P Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
T A Culverts	0 / 20		Riparian Width - DSL	0 /5
A R Channelization	0 /15		Riparian Composition - DSR	0 /5
B A Infrastructure Pts	0 /5		Riparian Composition - DSL	0 /5
I M Shear Stress	3 /10		Canopy Cover - DSR	3 /5
L E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	4 /5
I T Reach Bed Stability	3 /5		Bed Materials	4 /5
T E Bed Materials	5 /5		Sediment Supply	3 /5
Y R Bank Erosion	5 /5		Sinuosity	5 /5
S Entrenchment Ratio	5 /5	S	Woody Debris Attachment Sites	3 /5 0 /5
Trougen conserve and the second		Chette	nham Township	
Philade	To th Ta		California and	

R A Total Score N Stability Score K Habitat Score I Priority In Shed N Priority In Shed N Priority In Tributary G G S T Upstream Drainage Area A A Reach length T Distance to US XS/Headwaters I Distance to DS XS/Confluence S Drainage Area Imperviousness T Shed Imperviousness I Total Tributary Length	39 / 155 16 / 100 23 / 55 101 /102 50 / 50 0.03 (mi ²) 946 (ft) 830 (ft) 1062 (ft)	т	<u>Tacony</u> <u>900 ft SSE of Tookany Cre</u> <u>Philad</u> Dams - # within reach	578 <u>v Creek</u> eek Pky & Cheltenham Rd lelphia
N Stability Score K Habitat Score I Priority In Shed N Priority In Tributary G	16 / 100 23 / 55 101 /102 50 / 50 0.03 (mi ²) 946 (ft) 830 (ft)	N F O S T	<u>Tacony</u> <u>900 ft SSE of Tookany Cre</u> <u>Philad</u> Dams - # within reach	<u>7 Creek</u> eek Pky & Cheltenham Rd lelphia
K Habitat Score I Priority In Shed N Priority In Tributary G G T Upstream Drainage Area A Reach length T Distance to US XS/Headwaters I Distance to DS XS/Confluence S Drainage Area Imperviousness T Shed Imperviousness	23 / 55 101 /102 50 / 50 0.03 (mi ²) 946 (ft) 830 (ft)	F O S T	<u>900 ft SSE of Tookany Cree</u> Philad Dams - # within reach	<u>eek Pky & Cheltenham Rd</u> lelphia
I Priority In Shed N Priority In Tributary G	101 /102 50 / 50 0.03 (mi ²) 946 (ft) 830 (ft)	O S T	<u>Philad</u> Dams - # within reach	<u>elphia</u>
N Priority In Tributary G G S T Upstream Drainage Area A A Reach length T Distance to US XS/Headwaters I Distance to DS XS/Confluence S Drainage Area Imperviousness T Shed Imperviousness	50 / 50 0.03 (mi ²) 946 (ft) 830 (ft)	S T	Dams - # within reach	
G T Upstream Drainage Area A Reach length T Distance to US XS/Headwaters I Distance to DS XS/Confluence S Drainage Area Imperviousness T Shed Imperviousness	0.03 (mi ²) 946 (ft) 830 (ft)	т		0
TUpstream Drainage AreaAReach lengthTDistance to US XS/HeadwatersIDistance to DS XS/ConfluenceSDrainage Area ImperviousnessTShed Imperviousness	946 (ft) 830 (ft)	т		0
TUpstream Drainage AreaAReach lengthTDistance to US XS/HeadwatersIDistance to DS XS/ConfluenceSDrainage Area ImperviousnessTShed Imperviousness	946 (ft) 830 (ft)	т		
AReach lengthTDistance to US XS/HeadwatersIDistance to DS XS/ConfluenceSDrainage Area ImperviousnessTShed Imperviousness	946 (ft) 830 (ft)			0
TDistance to US XS/HeadwatersIDistance to DS XS/ConfluenceSDrainage Area ImperviousnessTShed Imperviousness	830 (ft)		Pipes - # within reach Bridges - # within reach	1
IDistance to DS XS/ConfluenceSDrainage Area ImperviousnessTShed Imperviousness	. ,	U	Outfalls - # within reach	0
SDrainage Area ImperviousnessTShed Imperviousness	1062 (11)	С	Manholes - # within reach	0
	17.0 (%)	т	Confluences - # within reach	0
I Total Tributary Length	48.5 (%)	U	Culverts - # within reach	0
	62107 (ft)	R	Culvert Length - ft within reach	0
C Outfall Area	0.0 (ft ²)	Е	% Culverted within reach	0.0
S		S	% Channelized within reach	0.0
S P Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
T A Culverts	0 / 20		Riparian Width - DSL	0 /5
A R Channelization	0 /15		Riparian Composition - DSR	1 /5
B A Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	1 /5
I M Shear Stress	3 /10	IM	Canopy Cover - DSR	3 /5
L E Channel Type	0 /5		Canopy Cover - DSL	1 /5
I T Reach Bed Stability T E Bed Materials	3 /5		Bed Materials	4 /5
T E Bed Materials Y R Bank Erosion	5 /5 3 /5		Sediment Supply Sinuosity	5 /5 5 /5
S Entrenchment Ratio	1 /5		Woody Debris	3 /5
	170	Ŭ	Attachment Sites	0 /5
And State		Philadelp	a M578	ten ham Township

R				
A Total Score	72 / 155	I	M	580
N Stability Score K Habitat Score	27 / 100 45 / 55	N F		<u>v Creek</u>
I Priority In Shed	43 / 33 34 /102	O P	<u>250 ft ESE of Godfrey</u> Philad	
	-	U	<u>r IIIau</u>	erpina
N Priority In Tributary G	16 / 50			
S			ams - # within reach	1
T Upstream Drainage Area	0.37 (mi ²)		ipes - # within reach	0
A Reach length	713 (ft)		ridges - # within reach	1 2
T Distance to US XS/Headwaters I Distance to DS XS/Confluence	1062 (ft) 363 (ft)	_	Outfalls - # within reach Ianholes - # within reach	2
S Drainage Area Imperviousness	52.0 (%)		onfluences - # within reach	0
T Shed Imperviousness	48.5 (%)		ulverts - # within reach	1
I Total Tributary Length	62107 (ft)		ulvert Length - ft within reach	36
C Outfall Area	16.6 (ft ²)		Culverted within reach	5.1
s	-		Channelized within reach	0.0
S P Outfalls	6 /25	P Ri	iparian Width - DSR	5 /5
T A Culverts	6 / 20		iparian Width - DSL	5 /5 5 /5
A R Channelization	0 / 15		iparian Composition - DSR	4 /5
B A Infrastructure Pts	1 /5		iparian Composition - DSL	4 /5
I M Shear Stress	3 /10		anopy Cover - DSR	5 /5
L E Channel Type	0 /5	T E Ca	anopy Cover - DSL	5 /5
I T Reach Bed Stability	4 /5		ed Materials	4 /5
T E Bed Materials	5 /5		ediment Supply	5 /5
Y R Bank Erosion	1 /5		inuosity	5 /5
S Entrenchment Ratio	1 /5		Voody Debris	3 /5
		A	ttachment Sites	0 /5
GODFREY		Philadelph	ni a	

R M MS86 A Stability Score 23/130 N Priority In Sthed 74/02 N Priority In Tributary 35/50 S T Outfalls T Distance to US Sylicalwater. 30/10 Distance to US Sylicalwater. 30/10 T Distance to US Sylicalwater. 30/10 Distance to US Sylicalwater. 30/10 T Distance to US Sylicalwater. 30/10 T Diatace to US Sylicalwater. 30/10 C Outfalls + within reach 0 C Outfalls + within reach 0 C Outfalls + within reach 0 C Outfalls 1/20 S Pariaw Within reach 0 C Outfalls 1/20 A R Chamelization 8/15 M Size Stress 3/15 M Rath Right composition - DSR 3/15 A R Diparaw Stability 1/25 A Rep	ATotal Score56 / 155INStability Score23 / 100N	
N Stability Score 23 / 100 N Habitat Score 33 / 55 Priority In Shed 74 / 102 N Priority In Tributary 35 / 50 G S S T Upstream Drainage Area 0.01 (011) A Reach length 407 (16) T Distance to US XS/Headwaters 53 (16) S Drainage Area 0.01 (011) S Deatinge Area Imperviousness 277 (18) C Duffalls 400 (16) S Deatinge Area Imperviousness 62107 (18) C Outfalls 400 (16) S Deatinge Area Imperviousness 62107 (18) C Outfalls 400 (16) S Deatinge Area Imperviousness 62107 (18) C Outfalls 400 (16) S Deatinge Area Imperviousness 62107 (18) C Duffalls 110 (160 (160 (160 (160 (160 (160 (160 (N Stability Score 23 / 100 N	
K Habital Score 33 / 55 Priority In Shed 74 / 102 S Territy In Tributary G S T Distance to US SX/Headwates 33 (0) 1 Distance to US SX/Headwates 33 (0) 1 Distance to US SX/Headwates 33 (10) 1 Distance to US SX/Headwates 345 (1) 5 Drainage Area 1 Distance to US SX/Headwates 35 (1) 5 Drainage Area Imperviousness 277 (S) 5 Datallase 6 Outfalls 7 Datafuls 7 A 8 A Infraventucture Pis 0 / 20 5 A 6 N (200) 7 R 8 A Infraventucture Pis 0 / 5 9 A Infraventucture Pis 0 / 5 1 R 1 Riparia		
Priority In Shed 74/102 N Priority In Tributary 33/50 S Upstream Drainage Area 0.01 (mi ²) A Reach length 477 (ft) A Beach length 477 (ft) Distance to US XS/Confluence 33 (ft) I Distance to US XS/Confluence 0.01 (mi ²) S Drainage Area 0.01 (mi ²) I Distance to US XS/Confluence 0.01 (mi ²) S Drainage Area Imperviousness 27.7 (%) I Distance to US XS/Confluence 0.01 (mi ²) S Priority In Tributary Length 62107 (ft) C Outfalls 1 //5 I Total Tributary Length 62107 (ft) S P Outfalls 1 //5 S P Outfalls 1 //5 S A Culverts 0 S O Distance To S 1 //5 S P Outfalls 1 //5 K Culverts 0 //5 S A Reach Red Stability 4 //5 S A Reparation Reach Red Stability 4 //5 S R Reliane To Reach Red Stability 4 //5 S	K Habitat Score 33/55 F 4	-
N Priority In Tributary 35 / 50 S Dams - # within reach 0 A Reach length 477 (f) T Distance to US SX/Headwaters 363 (f) Distance to US SX/Headwaters 363 (f) T Step Imperviousness 277 (%) M G Manholes - # within reach 0 T Step Imperviousness 277 (%) Manholes - # within reach 0 T Step Imperviousness 277 (%) Manholes - # within reach 0 T Outfalls 1/25 Manholes - # within reach 0 G Outfall Area 0/20 R Riparian Composition - DSL 1/5 S P Imperviousnes 3/10 Kiparian Composition - DSL 1/5 G A Infrastructure Pis 0/5 A Riparian Composition - DSL 1/5 I R Culverts 0/3 1 M Canopy Cover - DSL 5/5 I R Canopy Cover - DSL 5/5 K K T Bed Materials 2/5 S Red Materials 3/5 S <td></td> <td></td>		
G S T Upstream Drainage Area 0.01 (m ²) A Reach length 0 T Distance to US XS/Headwaters 363 (t) S Drainage Area Imperviousness 277 (%) S Shed Imperviousness 445 (%) G Outfalls - # within reach 0 C Outfall Area 0 S Poingage Area Imperviousness 445 (%) G Outfall Area 0 S Dotal Tributary Length 62107 (t) C Outfall Area 0.0 S Poingage Area Imperviousness 455 (%) G Outfall Area 0 S P Outfall Area 0 S Doutfall Area 0/10 1/5 S P Outfalls 1/75 I M. Shear Stress 3/10 1 L E Channel Type 0/5 I T. Beach Bed Stability 4/5 Y R Raparian With - DSL 3/5 S T. E Bed Materials </td <td></td> <td>rinadelpina</td>		rinadelpina
S Particle and Drainage Area 0.01 (m ²) A Reach length 497 (t) T Distance to DS XS/Confluence 363 (t) S Dainage Area 0.01 (m ²) T Distance to DS XS/Confluence 363 (t) S Distance to DS XS/Confluence 277 (%) H Antobes + within reach 0 C Outfalls - # within reach 0 S P Outfalls - # within reach 0 S Culverts 0/20 R Ruperionservert 161 S A Culverts 0/5 A R Riparian Width - DSR 1/5 S A Channel Type 0/5 A A R Ripar		
T A Reach length TUpstream Drainage Area Reach length Distance to US \$X\$/Confluence S0.01 (m1²) 497 (t) 333 (t) 277 (%) 333 (t) 277 (%) 4.9 (t²)T 497 (t) 333 (t) 277 (%) 4.9 (t²)T T R Bidges -# within reach U Confluences -# within reach 0 Confluences -# within reach <b< td=""><td></td><td></td></b<>		
A Reach length 497 (t) 363 (t) Distance to DS X5/fleadwaters 363 (t) 63 (t) 1 S Drainage Area Imperviousness 277 (%) 63 (t) 1 S Sted Imperviousness 645 (%) 1 0 C Distance to DS X5/fleadwaters 63 (t) 1 0 S Bridges - # within reach 0 1 Total Tributary Length 62107 (t) R Culverts - # within reach 0 S P Outfalls Area 0 16.1 S Culverts 0 / 20 R Reparing Width - DSR 1 / 5 A Culverts 0 / 5 1 / 5 3 / 5 1 / 5 A Culverts 0 / 5 1 / 5 3 / 5 1 / 5 A Culverts 0 / 5 1 / 5 3 / 5 1 / 5 A R Cannelization 8 / 15 R Riparian Composition - DSL 3 / 5 A If Reach Bed Stability 4 / 5 S 5 / 5 5 F R Reit asitosion 3 / 5		
T Distance to US XS/Headwaters 3(3) (f) S Distance to DS XS/Confluence 031 (f) S Distance to DS XS/Confluence 031 (f) S Distance to DS XS/Confluence 031 (f) S Distance to DS XS/Confluence 0 C Outfall Area 0 C Outfall Area 0 S P Outfall Area 0/20 S A R Channelization 8/15 B A Infrastructure Pts 0/5 I T Reach Bed Stability 4/5 I T Reach Bed Stability 4/5 Y R Batk Eroison 3/5 S Entrenchment Ratio 1/5 Y R Batk Eroison 3/5 S Entrenchment Ratio 1/5 Y R Batk Eroison <		
I Distance to DS XS/Confluence 631 (ft) Distance to DS XS/Confluence 631 (ft) Distance to DS XS/Confluence 27.7 (%) I She dimperviousness T Sheed imperviousness 62107 (ft) Outfall Area 49.5 (%) Gutfall Area 62107 (ft) A R Culverts 4.9 (ft ⁻) S P Outfall Area 0/20 A R A R Channelization B A/Infrastructure Pts 0/5 I A I B I Channel Type 0/5 A I R B A Infrastructure Pts 0/5 A I T R Channel Type 0/5 I T R Channel Type 0/5 I T R Channel Type 0/5 I T B ank Erosion 3/5 Entrenchment Ratio 1/5 Y R <		
S Drainage Area Imperviousness 27.7 (%) Shed Imperviousness 48.5 (%) I Total Tributary Length 0.2007 (f) 0.utfall Area 0 S 0.01 S P Outfall Area 0.2007 (f) A R Culverts 0.2017 (f) A Culverts 0.2017 (f) A R Channelization 8.715 I frastructure Pts 0.75 I T Reach Bed Stability 4.75 I T Reach Bed Stability 4.75 I T Reach Bed Stability 3.75 Y R Bank Erosion 3.75 S Entrenchment Ratio 1.75 State Stop 3.75 Y R Bank Erosion 3.75 S Entrenchment Ratio 1.75 S Stop 3.75 Y R Bank Erosion 3.75 S Entrenchment Ratio 1.75 S Voody Debris 3.75 S Stop 0.75		
T Shed Imperviousness 48.5 (%) 0 T Total Tributary Length 62107 (ft) 4.9 (ft ²) R Culverts - # within reach 0 S C Outfalls 1 / 25 K % Culverted within reach 0 S P Outfalls 1 / 25 K % Culverted within reach 0 A R Channelized within reach 0 0 16.1 S P Outfalls 1 / 25 1 / 5 1.75 A R Channelized within reach 0 0 16.1 S P Outfalls 1 / 25 1 / 5 1.75 A R Channelized within reach 0 0 16.1 S P Outfalls 1 / 5 1 / 5 1.75		
1 Total Tributary Length 62107 (fr) 4.9 (fr) S 9 Outfall Area 0 S 9 Outfalls 1/25 T A Culverts 0/20 A R 0.49 (fr) 8 T A Culverts 0/20 A R Channelized within reach 0.0 I 0.75 R Riparian Width - DSR 1/5 A Infrastructure Pts 0./5 A Riparian Width - DSR 1/5 I T Reach Bed Stability 4/5 A Riparian Composition - DSL 3/5 I T Reach Bed Stability 4/5 A R Sediment Suppi 5/5 A T Bed Materials 2/5 S S Sinosity 5/5 Y R Bank Erosion 3/5 S Noticity S/5 S Voody Debris 3/5 S Entrenchment Ratio 1/5 S Sinosity S/5 S Voody Debris S/5 Voody Debris <td></td> <td></td>		
C Outfall Area 4.9 (ft ²) S V Culverts 0.0 A R Outfalls 1./25 A Culverts 0./20 A R Channelized within reach 1.6.1 F M Culverts 0./20 A R Channelized within reach 1.6.1 F M Riparian Composition - DSR 3./5 I T Reach Bed Stability 4./5 T E Bed Materials 2./5 S Entrenchment Ratio 1./5 Y R Bank Erosion 3./5 S Entrenchment Ratio 1./5 Vody Debris 3./5 3./5 Attachment Sites 0./5 Vody Debris 0./5 Vody Debris 0./5	1	
S % Channelized within reach 16.1 S % Channelized within reach 16.1 S % Channelized within reach 16.1 T A Culverts 0 / 20 A R Channelization 8 / 15 B A Infrastructure Pts 0 / 5 I M Shear Stress 3 / 10 A R iparian Composition - DSR 3 / 5 I T Reach Bed Stability 4 / / 5 B A Riparian Composition - DSL 3 / 5 I T Reach Bed Stability 4 / 5 B A Riparian Composition - DSL 5 / 5 T E Bed Materials 2 / 5 5 5 5 5 5 5 Y R Bank Erosion 3 / 5 1 7 8 3 / 5 8 1 / 5 8 1 / 5 8 1 / 5 9 5 / 5 5 Y R Bank Erosion 3 / 5 1 7 8 10 / 5 9 9 9 5 / 5 S Entrenchment R	7	
S P Outfalls 1 /25 A Culverts 0 /20 A R Channelization 8 /15 B A Infrastructure Pts 0 /5 I M Shear Stress 3 /10 L E Channel Type 0 /5 I M Shear Stress 3 /10 L E Channel Type 0 /5 I T Reach Bed Stability 4 /5 T E Bed Materials 3 /5 Y R Bank Erosion 3 /5 S Entrenchment Ratio 1 /5		
T A Culverts 0/20 A R Channelization 8/15 B A Infrastructure Pts 0/5 I M Shear Stress 3/10 I E Channel Type 0/5 I M Shear Stress 3/10 I T Reach Bed Stability 4/5 T E Channel Type 0/5 I T Reach Bed Stability 4/5 T E Bed Materials 3/5 S Entrenchment Ratio 1/5 S Entrenchment Ratio 1/5		
A R Channelization 8 /15 A R Riparian Composition - DSR 3 /5 I M Shear Stress 3 /10 I M Canopy Cover - DSR 5 /5 I T Reach Bed Stability 4 /5 A T E Canopy Cover - DSR 5 /5 I T Reach Bed Stability 4 /5 A T E Canopy Cover - DSL 5 /5 Y R Bank Erosion 3 /5 T E Sediment Supply 5 /5 S Entrenchment Ratio 1 /5 S S Woody Debris 3 /5 V R Bask Erosion 3 /5 S S Woody Debris 3 /5 S Entrenchment Ratio 1 /5 S Woody Debris 3 /5 Attachment Sites 0 /5		
B A Infrastructure Pts 0 / 5 I M Shear Stress 3 / 10 L E Channel Type 0 / 5 I T R Rach Bed Stability 4 / 5 T E Bed Materials 2 / 5 Bank Erosion 3 / 5 T E S Entrenchment Ratio 1 / 5 T F S S S S M Interstructure Pts 0 / 5 A T Bed Materials 2 / 5 5 5 Bank Erosion 3 / 5 T E S Woody Debris 3 / 5 3 / 5 3 / 5 Attachment Sites 0 / 5 0 / 5		
I M Shear Stress 3 /10 I M Canopy Cover - DSR 5 /5 I T Reach Bed Stability 4 /5 A T Bed Materials 2 /5 I T R Bed Materials 3 /5 Bed Materials 2 /5 S Bank Erosion 3 /5 F R Sinuosity 5 /5 S Entrenchment Ratio 1 /5 F R Sinuosity 5 /5 V R S S O /5 S S S S S Entrenchment Ratio 1 /5 S S S S S Modyl Debris A T S S S S S S S Modyl Debris A S S S S S S S S S S S Modyl Debris A S N S N S N S N S Modyl Debris A S N S N N </td <td></td> <td></td>		
L E Channel Type 0 / 5 T E Canopy Cover - DSL 5 / 5 I T Reach Bed Stability 4 / 5 3 / 5 5 5 / 5 Y R Bank Erosion 3 / 5 1 / 5 5 5 / 5 5 S Entrenchment Ratio 1 / 5 1 / 5 5 8 3 / 5 3 / 5 V R Bank Erosion 3 / 5 1 / 5 5 5 5 5 Internehment Ratio 1 / 5 1 / 5 5 8 8 8 8 Voody Debris 3 / 5 3 / 5 3 / 5 3 / 5 4 0 / 5		
I T Reach Bed Stability 4 / 5 A T Bed Materials 2 / 5 Y R Bank Erosion 3 / 5 Sediment Supply 5 / 5 S Entrenchment Ratio 1 / 5 Sediment Supply 3 / 5 V R Bank Erosion 3 / 5 Sediment Supply 5 / 5 S Usody Debris 3 / 5 3 / 5 Attachment Sites 0 / 5		
Y R Bank Erosion 3 /5 Entrenchment Ratio 1 /5 S Bunk Erosion 5 /5 1 /5 S Bunk Erosion 5 /5 S Bunk Erosion		
S Entrenchment Ratio 1/5 S Woody Debris 3/5 Attachment Sites 0/5	T E Bed Materials 3 /5 T E Sediment Supp	ply 5/5
Attachment Sites 0/5		-
Reserved and a second		
La hand for the second and the second	Balantin and a state of the sta	BRATORIN BERTORIN

R					
Α	Total Score	83 / 155	I	M	S88
Ν	Stability Score	53 / 100	Ν	Tacony	y Creek
К	Habitat Score	30 / 55	F	700 ft NE of Nedro	St & Hammond Ave
I	Priority In Shed	15 /102	Ο	Philad	lelphia
Ν	Priority In Tributary	5 / 50			
G					
S			S	Dams - # within reach	1
т	Upstream Drainage Area	0.17 (mi ²)	т	Pipes - # within reach	0
Α	Reach length	1485 (ft)	R	Bridges - # within reach	0
Т	Distance to US XS/Headwaters	631 (ft)	U	Outfalls - # within reach	3
I	Distance to DS XS/Confluence	2384 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	69.1 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	204
	Outfall Area	165.7 (ft ²)	E	% Culverted within reach	13.8
S			S	% Channelized within reach	14.6
	Outfalls	24 / 25	Р	Riparian Width - DSR	1 /5
	Culverts	9 / 20		Riparian Width - DSL	3 /5
	Channelization	6 /15	A R	Riparian Composition - DSR	1 /5
	Infrastructure Pts Shear Stress	1 /5 3 /10	B A I M	Riparian Composition - DSL Canopy Cover - DSR	1 /5 5 /5
	Channel Type	0 /5	T E	Canopy Cover - DSK Canopy Cover - DSL	5 / 5 4 / 5
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
	Bed Materials	3 /5		Sediment Supply	5 /5
Y R	Bank Erosion	3 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	1 /5	S	Woody Debris	3 /5
				Attachment Sites	0 /5
	DRO		43000		ADDRESS OF ADDRES ADDRESS OF ADDRESS OF ADDR
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R					
	Total Score	76 / 155	I	M	S 94
A	Stability Score				
N K	Habitat Score	48 / 100 28 / 55	N F		<u>y Creek</u> am St & Garland St
I	Priority In Shed	28 / 33 26 /102	r O	-	lelphia
	Priority In Tributary	-	U	11114	
N G	r fiority in Tributary	12/50			
S		(2)	S	Dams - # within reach	0
T	Upstream Drainage Area	0.83 (mi ²)	Т	Pipes - # within reach	2
A	Reach length	1642 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0 7
T I	Distance to US XS/Headwaters Distance to DS XS/Confluence	2384 (ft) 900 (ft)	C	Manholes - # within reach	5
S	Drainage Area Imperviousness	67.8 (%)	т	Confluences - # within reach	0
T	Shed Imperviousness	48.5 (%)	Ū	Culverts - # within reach	1
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	114
С	Outfall Area	67.0 (ft ²)	Е	% Culverted within reach	6.9
S			s	% Channelized within reach	0.0
S P	Outfalls	18 /25	Р	Riparian Width - DSR	1 /5
T A	Culverts	6 / 20		Riparian Width - DSL	3 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	2 /5	ВА	Riparian Composition - DSL	1 /5
I M	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
L E	Channel Type	5 /5	ТЕ	Canopy Cover - DSL	5 /5
	Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
ТЕ	Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
	Bank Erosion	3 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	1 /5
				Attachment Sites	0 /5
The Part of the Pa	CHEW RESON		Philadelle Philadelle		ADANS

R					
A		54 / 155	I	MS	5100
N		28 / 100	N		y Creek
K		26 / 55	F		ey Ave & Tabor Rd
I	Priority In Shed	26 / 55 79 /102	r O		delphia
N		-	U	11114	
G		36 / 50			
S			S	Dams - # within reach	0
Т	1 0	0.02 (mi ²)	Т	Pipes - # within reach	0
A	0	1066 (ft)	R	Bridges - # within reach Outfalls - # within reach	1
TI	Distance to US XS/Headwaters Distance to DS XS/Confluence	900 (ft) 1233 (ft)	U C	Manholes - # within reach	3 2
S	Distance to D3 A5/Confidence Drainage Area Imperviousness	17.2 (%)	Т	Confluences - # within reach	0
T		48.5 (%)	Ū	Culverts - # within reach	0
Ι	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С		9.4 (ft ²)	Е	% Culverted within reach	0.0
s			S	% Channelized within reach	0.0
s	P Outfalls	2 /25	Р	Riparian Width - DSR	0 /5
	A Culverts	0 / 20		Riparian Width - DSL	0 /5
	R Channelization	0 /15	A R	Riparian Composition - DSR	3 /5
В	A Infrastructure Pts	1 /5	ВА	Riparian Composition - DSL	1 /5
Ι	M Shear Stress	3 /10	I M	Canopy Cover - DSR	5 /5
L	E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	4 /5
	T Reach Bed Stability	4 /5	A T	Bed Materials	2 /5
	E Bed Materials	3 /5	ТЕ	Sediment Supply	5 /5
Y	R Bank Erosion	5 /5	R	Sinuosity	5 /5
	S Entrenchment Ratio	5 /5	S	Woody Debris Attachment Sites	1 /5 0 /5
		1 / 4 / 10 M	A.A.		
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R				
A Total Score	85 / 155	I	MS	102
N Stability Score	62 / 100	N		/ Creek
K Habitat Score	23 / 55	F		sevelt Blvd & F St
I Priority In Shed	23 / 33 13 /102	O I		elphia
N Priority In Tributary	3 / 50	U	111140	
G Inonty in moutary	3 / 50			
S		S D	ams - # within reach	0
T Upstream Drainage Area	0.06 (mi ²)		pes - # within reach	0
A Reach length	1719 (ft)		ridges - # within reach	0
T Distance to US XS/Headwaters	1233 (ft)		utfalls - # within reach	3
I Distance to DS XS/Confluence	2205 (ft)		anholes - # within reach	1
S Drainage Area Imperviousness	45.4 (%)		onfluences - # within reach	0
T Shed Imperviousness	48.5 (%)		ulverts - # within reach	1
I Total Tributary Length	62107 (ft)	R Ci	ulvert Length - ft within reach	319
C Outfall Area	138.2 (ft ²)		Culverted within reach	18.5
S			Channelized within reach	0.0
S P Outfalls	22 / 25	P Ri	iparian Width - DSR	0 /5
T A Culverts	12 / 20		iparian Width - DSL	0 /5
A R Channelization	0 /15		iparian Composition - DSR	1 /5
B A Infrastructure Pts	1 /5		iparian Composition - DSL	1 /5
I M Shear Stress	3 /10		anopy Cover - DSR	4 /5
L E Channel Type	5 /5	T E Ca	anopy Cover - DSL	3 /5
I T Reach Bed Stability	4 /5		ed Materials	4 /5
T E Bed Materials	5 /5		ediment Supply	5 /5
Y R Bank Erosion	5 /5		nuosity	5 /5
S Entrenchment Ratio	5 /5	S W	oody Debris	0 /5
		A	ttachment Sites	0 /5
ASHDALE ROOSEVELT BORE		Philadelph		ROOS EVENT

R		
	49 /155	I MS104
A Total Score N Stability Score	48 / 155	
K Habitat Score	29 / 100 19 / 55	N Tacony Creek F 300 ft WNW of Whitaker Ave & Pennway St
I Priority In Shed	19 / 33 95 /102	O Philadelphia
N Priority In Tributary	45 / 50	
G Inforty in Tributary	43 / 50	1
S		S Dams - # within reach 0
T Upstream Drainage Area	3.29 (mi ²)	T Pipes - # within reach 1
A Reach length T Distance to US XS/Headwaters	1724 (ft) 2205 (ft)	RBridges - # within reach1UOutfalls - # within reach3
I Distance to DS XS/Confluence	1243 (ft)	C Manholes - # within reach 2
S Drainage Area Imperviousness	66.8 (%)	T Confluences - # within reach 0
T Shed Imperviousness	48.5 (%)	U Culverts - # within reach 0
I Total Tributary Length	62107 (ft)	R Culvert Length - ft within reach 0
C Outfall Area	24.5 (ft ²)	E % Culverted within reach 0.0
S		S % Channelized within reach 1.0
S P Outfalls	10 /25	P Riparian Width - DSR 0 /5
T A Culverts	0 / 20	H A Riparian Width - DSL 1/5
A R Channelization	2 /15	A R Riparian Composition - DSR 1 /5
B A Infrastructure Pts	1 /5	B A Riparian Composition - DSL 1/5
I M Shear Stress	3 /10	I M Canopy Cover - DSR 4 /5
L E Channel Type	0 /5	TECanopy Cover - DSL1 /5ATBed Materials0 /5
I T Reach Bed Stability T E Bed Materials	5 /5 2 /5	A TBed Materials0 /5TESediment Supply3 /5
Y R Bank Erosion	5 /5	R Sinuosity 5/5
S Entrenchment Ratio	1 /5	S Woody Debris 3 /5
		Attachment Sites 0 /5
ROOSEVELT	BINGHAM	Ruscome Antia de la pinta Astroi

R							
А	Total Score	43 / 155	1 1	I	ľ	MS	5106
N	Stability Score	19/100	1	N	ľ	Tacon	<u>y Creek</u>
К	Habitat Score	24 / 55		F			er Ave & Pennway St
Ι	Priority In Shed	100 /102		0		Philac	delphia
Ν	Priority In Tributary	49 / 50					
G		,	8				
S	L			S	ľ	Dams - # within reach	0
Т	Upstream Drainage Area	0.23 (mi ²)	1 1	Т		Pipes - # within reach	0
Α	Reach length	1649 (ft)		R		Bridges - # within reach	0
Т	Distance to US XS/Headwaters	1243 (ft)		U		Outfalls - # within reach	0
Ι	Distance to DS XS/Confluence	2055 (ft)		С		Manholes - # within reach	2
S	Drainage Area Imperviousness	65.7 (%)		Т		Confluences - # within reach	0
Т	Shed Imperviousness	48.5 (%)		U		Culverts - # within reach	0
Ι	Total Tributary Length	62107 (ft)		R		Culvert Length - ft within reach	0
С	Outfall Area	$0.0 (ft^2)$		Е		% Culverted within reach	0.0
S			·	S		% Channelized within reach	9.3
S P	Outfalls	0 /25	1 i	Р		Riparian Width - DSR	3 /5
Т А	Culverts	0 /20		H A		Riparian Width - DSL	0 /5
A R	Channelization	4 /15		A R		Riparian Composition - DSR	1 /5
B A	Infrastructure Pts	1 /5		B A		Riparian Composition - DSL	1 /5
I M	Shear Stress	3 /10		I M	I	Canopy Cover - DSR	5 /5
L E	Channel Type	0 /5		т е		Canopy Cover - DSL	5 /5
І Т	Reach Bed Stability	3 /5		A T	•	Bed Materials	0 /5
Т Е	Bed Materials	2 /5		т е		Sediment Supply	1 /5
Y R	Bank Erosion	5 /5		R		Sinuosity	5 /5
S	Entrenchment Ratio	1 /5		S		Woody Debris	3 /5
			·			Attachment Sites	0 /5
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R					
A	Total Score	49 / 155	I	M	5108
	Stability Score		I N		
	Habitat Score	21 / 100 28 / 55	F		<u>y Creek</u> it & Ramona Ave
	Priority In Shed	28 / 55 93 /102	r O		lelphia
N	Priority In Tributary	-	U	11114	
G	1 Holity III HIDutaly	43 / 50			
S		2	S	Dams - # within reach	0
Т	Upstream Drainage Area	0.17 (mi ²)	Т	Pipes - # within reach	0
	Reach length Distance to US XS/Headwaters	1464 (ft) 2055 (ft)	R U	Bridges - # within reach Outfalls - # within reach	0
	Distance to DS XS/Confluence	872 (ft)	C	Manholes - # within reach	0
S	Drainage Area Imperviousness	18.3 (%)	Т	Confluences - # within reach	0
	Shed Imperviousness	48.5 (%)	Ū	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	0
С	Outfall Area	0.0 (ft ²)	Е	% Culverted within reach	0.0
S			S	% Channelized within reach	0.0
S P	Outfalls	0 /25	Р	Riparian Width - DSR	0 /5
T A	Culverts	0 / 20		Riparian Width - DSL	0 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	3 /5
B A	Infrastructure Pts	0 /5	B A	Riparian Composition - DSL	3 /5
	Shear Stress	3 /10	I M	Canopy Cover - DSR	4 /5
	Channel Type	2 /5		Canopy Cover - DSL	3 /5
	Reach Bed Stability	5 /5	A T T T	Bed Materials	2 /5
	Bed Materials Bank Erosion	3 /5 5 /5		Sediment Supply Sinuosity	5 /5 5 /5
	Entrenchment Ratio	3 /5		Woody Debris	3 /5
J		070		Attachment Sites	0 /5
A CANANA					No.
A CARACTER S			Philadely	10098	

Total Score	58 / 155	I	MS	5110
Stability Score	31 / 100	N	Tacon	y Creek
Habitat Score	27 / 55	F	900 ft SW of I S	t & Ramona Ave
Priority In Shed	72 /102	О	Philad	delphia
Priority In Tributary	33 / 50			<u> </u>
	,	J		
		S	Dams - # within reach	0
Upstream Drainage Area	0.13 (mi ²)	т	Pipes - # within reach	0
Reach length	906 (ft)	R	Bridges - # within reach	0
Distance to US XS/Headwaters	872 (ft)	U	Outfalls - # within reach	1
Distance to DS XS/Confluence	939 (ft)	С	Manholes - # within reach	0
Drainage Area Imperviousness	15.4 (%)	т	Confluences - # within reach	0
Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	1
Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	50
Outfall Area	3.1 (ft ²)	E	% Culverted within reach	5.5
	•	S	% Channelized within reach	0.0
? Outfalls	1 /25	Р	Riparian Width - DSR	3 /5
Culverts	6 / 20	H A	Riparian Width - DSL	1 /5
Channelization	0 /15	A R	Riparian Composition - DSR	3 /5
Infrastructure Pts	0 /5	В А	Riparian Composition - DSL	3 /5
A Shear Stress	3 /10	I M	Canopy Cover - DSR	1 /5
E Channel Type	5 /5	ТЕ	Canopy Cover - DSL	1 /5
Reach Bed Stability	3 /5	A T	Bed Materials	2 /5
Bed Materials	3 /5	т е	Sediment Supply	5 /5
R Bank Erosion	5 /5	R	Sinuosity	5 /5
5 Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
		_	Attachment Sites	0 /5



R					
A	Total Score	58 / 155	I	MS	5112
N	Stability Score	27 / 100	N		y Creek
K	Habitat Score	31 / 55	F		<u>& Wyoming Ave</u>
I	Priority In Shed	72 /102	О		lelphia
N	Priority In Tributary	33 / 50			
G		, i			
S			S	Dams - # within reach	0
T	Upstream Drainage Area	0.04 (mi ²)	Т	Pipes - # within reach	0
A	Reach length	1259 (ft)	R	Bridges - # within reach	1
Т	Distance to US XS/Headwaters	939 (ft)	U	Outfalls - # within reach	0
Ι	Distance to DS XS/Confluence	1807 (ft)	С	Manholes - # within reach	0
S	Drainage Area Imperviousness	18.6 (%)	Т	Confluences - # within reach	0
T	Shed Imperviousness	48.5 (%)	U	Culverts - # within reach	0
I	Total Tributary Length	62107 (ft) 0.0 (ft ²)	R	Culvert Length - ft within reach	0
C	Outfall Area	0.0 (11)	E	% Culverted within reach	0.0
S			S	% Channelized within reach	0.0
S P	Outfalls	0 /25	Р	Riparian Width - DSR	3 /5
T A	Culverts	0 / 20	H A	Riparian Width - DSL	3 /5
A R	Channelization	0 /15	A R	Riparian Composition - DSR	1 /5
B A I M	Infrastructure Pts Shear Stress	1 /5 3 /10	B A I M	Riparian Composition - DSL Canopy Cover - DSR	1 /5 5 /5
	Channel Type	5 /5	T E	Canopy Cover - DSK Canopy Cover - DSL	3 /5
	Reach Bed Stability	5 /5	A T	Bed Materials	2 /5
	Bed Materials	3 /5	те	Sediment Supply	5 /5
Y R	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	3 /5
-		and the factor	1	Attachment Sites	0 /5
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	The factor of the second				

R			_			
A Total S	core	83 / 155		I	MS	5114
N Stabili	ty Score	50 / 100		N	Tacon	<u>y Creek</u>
K Habita		33 / 55		F		<u>St & Cayuga St</u>
	y In Shed	15 /102		0		delphia
	y In Tributary	5 / 50		_		
G	y in Thoutary	3730				
S				S	Dams - # within reach	0
T Upstream	n Drainage Area	8.84 (mi ²)		т	Pipes - # within reach	0
A Reach le	ngth	1924 (ft)		R	Bridges - # within reach	1
T Distance	e to US XS/Headwaters	1807 (ft)		U	Outfalls - # within reach	2
I Distance	e to DS XS/Confluence	1862 (ft)		С	Manholes - # within reach	0
S Drainag	e Area Imperviousness	59.8 (%)		Т	Confluences - # within reach	0
T Shed Im	perviousness	48.5 (%)		U	Culverts - # within reach	0
I Total Tri	ibutary Length	62107 (ft)		R	Culvert Length - ft within reach	0
C Outfall		650.0 (ft ²)		Е	% Culverted within reach	0.0
S			4	S	% Channelized within reach	0.0
P Outfalls		25 / 25	1	Р	Riparian Width - DSR	3 /5
A Culverts		0 /20		H A	Riparian Width - DSL	3 /5
R Channel	ization	0 /15		A R	Riparian Composition - DSR	1 /5
A Infrastru	icture Pts	1 /5		B A	Riparian Composition - DSL	1 /5
M Shear St	ress	3 /10		I M	Canopy Cover - DSR	5 /5
E Channel	Туре	5 /5		ТЕ	Canopy Cover - DSL	5 /5
T Reach B	ed Stability	3 /5		A T	Bed Materials	2 /5
E Bed Mat	erials	3 /5		ТЕ	Sediment Supply	5 /5
R Bank Er	osion	5 /5		R	Sinuosity	5 /5
S Entrench	nment Ratio	5 /5		S	Woody Debris	3 /5
					Attachment Sites	0 /5
			· · · · · · · · · · · · · · · · · · ·			
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R					
	Total Score	89 / 155	I	M	5120
	Stability Score				
	Habitat Score	61 / 100	N F		<u>rd Creek</u> uga St & Castor Ave
	Priority In Shed	28 / 55 8 /102	F O		lelphia
	2	-	0	<u>rinac</u>	
N G	Priority In Tributary	2 / 50			
S			S	Dams - # within reach	2
Т	Upstream Drainage Area	0.07 (mi ²)	Т	Pipes - # within reach	0
	Reach length	1324 (ft)	R	Bridges - # within reach	0
	Distance to US XS/Headwaters	1862 (ft)	U	Outfalls - # within reach	4
	Distance to DS XS/Confluence Drainage Area Imperviousness	392 (ft)	C T	Manholes - # within reach Confluences - # within reach	0 0
	Shed Imperviousness	11.8 (%) 48.5 (%)	U I	Culverts - # within reach	0
	Total Tributary Length	62107 (ft)	R	Culvert Length - ft within reach	79
	Outfall Area	$41.1 (ft^2)$	E	% Culverted within reach	5.9
S S	outun meu	11.1 ()	s	% Channelized within reach	54.8
	Outfalls	14 / 25	Р	Riparian Width - DSR	1 /5
	Culverts	6 / 20	H A	Riparian Width - DSL	3 /5
	Channelization Infrastructure Pts	12 /15	A R	Riparian Composition - DSR	3 /5
	Shear Stress	1 /5 7 /10	B A I M	Riparian Composition - DSL Canopy Cover - DSR	3 /5 5 /5
	Channel Type	5 /5	T E	Canopy Cover - DSK Canopy Cover - DSL	4 /5
	Reach Bed Stability	5 /5	A T	Bed Materials	1 /5
	Bed Materials	1 /5	ТЕ	Sediment Supply	3 /5
Y R	Bank Erosion	5 /5	R	Sinuosity	5 /5
S	Entrenchment Ratio	5 /5	S	Woody Debris	0 /5
			-	Attachment Sites	0 /5
			hiladel	phia	Astor
the states					

R A Total Score 59 / 155 N Stability Score 20 / 100 K Habitat Score 39 / 55 I Priority In Shed 69 / 102 N Priority In Shed 69 / 102 N Priority In Tributary 1 / 1 G S Dams - # within reach 1 T Upstream Drainage Area 0.18 (mi ²) S Dams - # within reach 1 G S Dams - # within reach 1 I S Datance to US XS/Headwaters 1391 (ft) C Manholes - # within reach 1 I Distance to DS XS/Confluence 1321 (ft) C Manholes - # within reach 1 S Drainage Area Imperviousness 17.5 (%) T Confluences - # within reach 1 I Total Tributary Length 2729 (ft) R Culvert Length - ft within reach 1 I Outfall Area 7.1 (ft ²) E % Culverted within reach 3.7	
NStability Score20 / 100KHabitat Score39 / 55IPriority In Shed69 / 102NPriority In Tributary1 / 1GSDams - # within reachTUpstream Drainage Area0.18 (mi²)AReach length2729 (ft)TDistance to US XS/Headwaters1391 (ft)IDistance to DS XS/Confluence1321 (ft)SDrainage Area Imperviousness17.5 (%)TShed Imperviousness17.5 (%)ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach1IOutfall Area7.1 (ft²)COutfall Area3.7	
K I Priority In Shed39 / 55 69 / 102F O500 ft NE of Parkview Rd & Hill Cheltenham TownshipN Priority In Tributary1/10Cheltenham TownshipGSSSDams - # within reach1T OUpstream Drainage Area0.18 (mi²)TPipes - # within reach1A R Cach length2729 (ft)RBridges - # within reach1T Distance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1I Distance to DS XS/Confluence1321 (ft)CManholes - # within reach1S Drainage Area Imperviousness17.5 (%)TConfluences - # within reach1I T Outfall Area2729 (ft)RCulvert Length - ft within reach1J C Outfall Area7.1 (ft²)E % Culverted within reach3.7	- Crust
I N Priority In Shed69 /102 1 /1OCheltenham TownshipN OPriority In Tributary1/1GImage: Second Stress Str	
N GPriority In Tributary1/1SSDams - # within reach1TUpstream Drainage Area0.18 (mi²)TPipes - # within reach1AReach length2729 (ft)RBridges - # within reach1TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach1SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
GSSDams - # within reach1TUpstream Drainage Area0.18 (mi²)TPipes - # within reach1AReach length2729 (ft)RBridges - # within reach0TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach1SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
SSDams - # within reach1TUpstream Drainage Area0.18 (mi²)TPipes - # within reach1AReach length2729 (ft)RBridges - # within reach0TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach1SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
TUpstream Drainage Area0.18 (mi²)TPipes - # within reach1AReach length2729 (ft)RBridges - # within reach0TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach2SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1IShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
AReach length2729 (ft)RBridges - # within reach0TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach2SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
AReach length2729 (ft)RBridges - # within reach0TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach2SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
TDistance to US XS/Headwaters1391 (ft)UOutfalls - # within reach1IDistance to DS XS/Confluence1321 (ft)CManholes - # within reach2SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
SDrainage Area Imperviousness17.5 (%)TConfluences - # within reach1TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
TShed Imperviousness17.5 (%)UCulverts - # within reach1ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
ITotal Tributary Length2729 (ft)RCulvert Length - ft within reach101COutfall Area7.1 (ft²)E% Culverted within reach3.7	
COutfall Area7.1 (ft^2)E% Culverted within reach3.7	
S % Channelized within reach 0.0	
S P Outfalls 2 /25 P Riparian Width - DSR 5 /	/5
TACulverts3 /20HARiparian Width - DSL5 /	
A R Channelization 0 /15 A R Riparian Composition - DSR 4 /	
B A Infrastructure Pts 1/5 B A Riparian Composition - DSL 4/	
I M Shear Stress 7 /10 I M Canopy Cover - DSR 5 /	
L E Channel Type 0 /5 T E Canopy Cover - DSL 5 /	/5
I T Reach Bed Stability 3 /5 A T Bed Materials 0 /	/5
T E Bed Materials 2 /5 T E Sediment Supply 1 /	/5
YRBank Erosion1 /5RSinuosity5 /	/5
S Entrenchment Ratio 1 /5 S Woody Debris 5 /	/5
Attachment Sites 0 /	/5
Boncourga Dencou	

APPENDIX E - REACH RANKING SPREADSHEETS

Reach Creek Outfalls Culverts Channelization Infrastructure Pts Shear Stress Channel Type Reach Bed Beak Materials Bank Eros - - S1 S2 S3 S4 S5 S6 S7 S8 S9 A2 A 4 15 10 1 7 2 5 2 3 B4 Burholme 0 12 2 1 7 0 5 2 3 B6 Burholme 0 15 4 0 7 0 3 3 3 B10 Burholme 1 6 0 1 7 5 3 3 5 C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 7 5 3 3 5 EJ2 East Branch - Jenkintown	S10 3 1 5 3 5 3 5 3 5 3 5 1 1 3 5 5 1 1 3 5 5 5 5 5	Total Stability Ranking Value - 52 34 33 37 38 36 32 35 31 36 32 35 31 36 27 60
A2 A 4 15 10 1 7 2 5 2 3 B2 Burholme 10 3 10 1 3 0 3 2 1 B4 Burholme 0 12 2 1 7 0 5 2 3 B6 Burholme 2 9 0 1 7 5 3 2 3 B8 Burholme 0 15 4 0 7 0 3 3 3 3 B10 Burholme 1 6 0 1 7 5 3 3 3 3 C2 C 2 3 4 1 3 5 4 3 3 5 D2 D 2 6 0 1 7 5 3 3 3 5 EJ2 East Branch - Jenkintown 4	3 1 1 5 3 5 5 5 5 1 1 3 5 5 5 5 5 5 5 5	34 33 37 38 36 32 32 32 35 31 31 36 27
B2 Burholme 10 3 10 1 3 0 3 2 1 B4 Burholme 0 12 2 1 7 0 5 2 3 B6 Burholme 2 9 0 1 7 5 3 2 3 B8 Burholme 0 15 4 0 7 0 3 3 3 B10 Burholme 1 6 0 1 7 5 3 2 4 5 C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 7 5 3 3 5 EJ2 East Branch - Jenkintown 0 20 0 1 3 0 3 3 5 G4 G 6 18 10 1	1 1 5 3 5 5 5 5 1 1 3 5 5 5 5 5 5 5	34 33 37 38 36 32 32 32 35 31 31 36 27
B4 Burholme 0 12 2 1 7 0 5 2 3 B6 Burholme 2 9 0 1 7 5 3 2 3 B8 Burholme 0 15 4 0 7 0 3 3 3 3 B10 Burholme 1 6 0 1 7 5 3 2 3 3 3 B10 Burholme 1 6 0 1 7 5 3 3 3 5 C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 3 5 4 3 3 5 EJ2 East Branch - Jenkintown 4 3 6 2 3 3 5 3 3 5 3 2	1 5 3 5 5 5 5 1 1 3 5 5 5 5 5 5 5	33 37 38 36 32 32 32 35 31 36 27
B6 Burholme 2 9 0 1 7 5 3 2 3 B8 Burholme 0 15 4 0 7 0 3 3 3 3 B10 Burholme 1 6 0 1 7 5 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 5 C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 7 5 3 3 5 EJ4 East Branch - Jenkintown 4 3 6 2 3 0 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 5 3 5 3	5 3 5 3 5 5 5 1 1 3 5 5 5 5 5	37 38 36 32 32 32 35 31 36 27
B8 Burholme 0 15 4 0 7 0 3 3 3 B10 Burholme 1 6 0 1 7 5 3 3 5 C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 3 5 4 3 3 3 D4 D 0 6 0 1 7 5 3 3 3 5 EJ2 East Branch - Jenkintown 4 3 6 2 3 0 4 3 5 G2 G 4 0 0 1 3 0 3 3 5 G4 G 6 18 10 1 7 5 3 2 1 G8 G 4 6 10 1	3 5 3 5 5 1 1 3 5 5 5 5 5	38 36 32 32 35 31 36 27
B10 Burholme 1 6 0 1 7 5 3 3 5 C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 3 5 4 3 3 5 D4 D 0 6 0 1 7 5 3 3 5 EJ2 East Branch - Jenkintown 4 3 6 2 3 0 4 3 5 EJ4 East Branch - Jenkintown 0 20 0 1 3 0 3 3 5 G2 G 4 0 0 1 3 0 3 3 5 G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 6 10 1 <	5 3 5 1 1 3 5 5 5 5	36 32 32 35 31 36 27
C2 C 2 3 4 1 3 2 4 5 5 D2 D 2 6 0 1 3 5 4 3 3 D4 D 0 6 0 1 7 5 3 3 5 EJ2 East Branch - Jenkintown 4 3 6 2 3 0 4 3 5 EJ4 East Branch - Jenkintown 0 20 0 1 3 0 3 3 5 G2 G 4 0 0 1 3 3 5 3 5 G4 G 6 18 10 1 7 5 3 2 1 G6 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2<	3 5 5 1 1 3 5 5 5	32 32 35 31 36 27
D2 D 2 6 0 1 3 5 4 3 3 D4 D 0 6 0 1 7 5 3 3 5 EJ2 East Branch - Jenkintown 4 3 6 2 3 0 4 3 5 EJ4 East Branch - Jenkintown 0 20 0 1 3 0 4 3 5 EJ4 East Branch - Jenkintown 0 20 0 1 3 0 3 3 5 G2 G 4 0 0 1 3 3 5 3 5 G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 6 10 1 7 2 3 3 1 G8 G 4 12 2 1 <t< th=""><th>5 5 1 1 3 5 5 5</th><th>32 35 31 36 27</th></t<>	5 5 1 1 3 5 5 5	32 35 31 36 27
D4 D 0 6 0 1 7 5 3 3 5 EJ2 East Branch - Jenkintown 4 3 6 2 3 0 4 3 5 EJ4 East Branch - Jenkintown 0 20 0 1 3 0 4 3 5 G2 G 4 0 0 1 3 0 3 3 5 G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 3 G6 G 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3<	5 1 1 3 5 5 5	35 31 36 27
EJ2 East Branch - Jenkintown 4 3 6 2 3 0 4 3 5 EJ4 East Branch - Jenkintown 0 20 0 1 3 0 3 3 5 G2 G 4 0 0 1 3 0 3 3 5 G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 1 G8 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 5 G10 G 6 0 0 0 7 3 5 3 5 H4 Rock 4 12 2 1 7 <	1 1 3 5 5 5	31 36 27
EJ4 East Branch - Jenkintown 0 20 0 1 3 0 3 3 5 G2 G 4 0 0 1 3 3 5 3 5 G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 1 G8 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 5 G10 G 6 0 0 0 7 3 5 3 5 H12 Rock 4 12 2 1 7 2 3	1 3 5 5	36 27
G2 G 4 0 0 1 3 3 5 3 5 G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 1 G8 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 1 H2 Rock 6 0 0 0 7 3 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 3 3 H6 Rock 10 9 0 3 7 2 5<	3 5 5	27
G4 G 6 18 10 1 7 5 3 2 3 G6 G 4 0 0 1 7 5 3 2 1 G8 G 4 6 10 1 7 5 3 2 1 G8 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 5 G10 G 6 0 0 0 7 3 5 3 3 1 H2 Rock 6 0 0 0 7 3 5 3 3 5 H4 Rock 4 12 2 1 7 2 3 3 3 3 H6 Rock 10 9 0 3 <th7< th=""><th>5 5</th><th></th></th7<>	5 5	
G6 G 4 0 0 1 7 5 3 2 1 G8 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 1 H2 Rock 6 0 0 0 7 3 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 3 H6 Rock 10 9 0 3 7 2 3 3 3 H8 Rock 2 0 2 1 7 2 3 3 5 H10 Rock 14 6 4 2 <th7< th=""> 5 3</th7<>	5	60
G8 G 4 6 10 1 7 2 3 3 5 G10 G 6 15 12 1 7 2 3 3 1 H2 Rock 6 0 0 0 7 3 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 3 5 H6 Rock 10 9 0 3 7 2 3 3 3 3 H8 Rock 2 0 2 1 7 2 5 2 1 H10 Rock 14 6 4 2 7 5 3 3 5 H12 Rock 4 6 10 1 7		
G10 G 6 15 12 1 7 2 3 3 1 H2 Rock 6 0 0 0 7 3 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 3 3 H6 Rock 10 9 0 3 7 2 3 3 3 3 3 H8 Rock 2 0 2 1 7 2 5 2 1 H10 Rock 14 6 4 2 7 5 3 3 5 H12 Rock 4 6 10 1 7 2 3 2 1 H14 Rock 10 18 6 0		28
H2 Rock 6 0 0 7 3 5 3 5 H4 Rock 4 12 2 1 7 0 5 3 3 3 H6 Rock 10 9 0 3 7 2 3	3	44
H4 Rock 4 12 2 1 7 0 5 3 3 H6 Rock 10 9 0 3 7 2 3 3 3 H8 Rock 2 0 2 1 7 2 5 2 1 H10 Rock 14 6 4 2 7 5 3 3 5 H12 Rock 4 6 10 1 7 2 3 2 1 H14 Rock 10 18 6 0 7 3 3 0 1	3	53
H6 Rock 10 9 0 3 7 2 3 3 3 H8 Rock 2 0 2 1 7 2 5 2 1 H0 Rock 14 6 4 2 7 5 3 3 5 H12 Rock 4 6 10 1 7 2 3 2 1 H14 Rock 10 18 6 0 7 3 3 0 1	3	32
H8 Rock 2 0 2 1 7 2 5 2 1 H10 Rock 14 6 4 2 7 5 3 3 5 H12 Rock 4 6 10 1 7 2 3 2 1 H14 Rock 10 18 6 0 7 3 3 0 1	1	38
H10 Rock 14 6 4 2 7 5 3 3 5 H12 Rock 4 6 10 1 7 2 3 2 1 H14 Rock 10 18 6 0 7 3 3 0 1	3	43
H12 Rock 4 6 10 1 7 2 3 2 1 H14 Rock 10 18 6 0 7 3 3 0 1	3	25
H14 Rock 10 18 6 0 7 3 3 0 1	5	54
	3	39
12 Baeder 16 6 15 2 3 5 3 3 1	5	53
	5	59
14 Baeder 2 6 4 1 7 0 5 2 1	1	29
I6 Baeder 1 3 0 1 7 5 4 3 5	5	34
I8 Baeder 0 15 0 1 7 5 3 2 3	5	41
110 Baeder 4 9 15 1 7 0 3 3 1	1	44
112 Baeder 10 18 10 0 3 2 4 3 5	3	58
J2 Jenkintown 6 3 8 2 3 0 5 3 5	1	36
J4 Jenkintown 0 0 10 1 7 3 3 3 1	3	31
J6 Jenkintown 10 15 15 1 3 0 3 3 1	3	54
J8 Jenkintown 6 0 0 1 3 2 3 3 3	3	24
J10 Jenkintown 4 9 10 1 7 2 5 1 5	3	47
J12 Jenkintown 2 6 10 1 7 3 3 3 3	5	43
J14 Jenkintown 4 0 0 1 7 0 3 2 3	1	21
J16 Jenkintown 1 6 0 1 7 0 3 2 3	1	24
J18 Jenkintown 1 0 0 1 7 5 4 5 5	5	33
J20 Jenkintown 1 6 6 1 7 2 4 3 3	3	36
K2 West Branch - Baeder 4 12 12 1 3 0 3 3 3	1	42
K4 West Branch - Baeder 0 6 0 1 3 2 4 3 5	3	27
L2 L 2 6 2 0 3 0 3 1 1	1	19
L4 L 2 6 10 1 7 5 5 1 5	5	47
M2 M 6 6 0 1 7 2 3 2 3	3	33
M4 M 1 6 2 0 7 5 3 2 3	5	34
MR2 Mill Run 22 9 12 0 3 3 2 3	5	62
MR4 Mill Run 2 6 10 1 3 5 3 3 3	5	41
MR6 Mill Run 4 0 12 0 3 5 3 3 3	5	38
MR8 Mill Run 2 0 10 1 3 5 3 2 1	5	32
MR10 Mill Run 2 6 10 1 7 2 3 3 5	3	42
MR12 Mill Run 4 6 10 0 7 3 3 1 5	5	44

				Chan	nel Stability Paran	neters - TACO	NY CREEK WA	TERSHED				
Reach	Creek	Outfalls	Culverts	Channelization	Infrastructure Pts	Shear Stress	Channel Type	Reach Bed Stability	Bed Materials	Bank Erosion	Entrenchment Ratio	Total Stability Ranking Value
	-	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	-
MS2	Main Stem Tookany	4	0	0	1	7	5	5	2	5	5	34
MS4	Main Stem Tookany	0	12	0	1	7	0	5	3	5	1	34
MS6	Main Stem Tookany	0	3	4	1	7	5	5	3	5	5	38
MS8	Main Stem Tookany	6	6	0	1	7	2	3	2	1	3	31
MS10	Main Stem Tookany	1	0	0	0	7	2	5	2	3	3	23
MS12	Main Stem Tookany	10	9	12	1	7	0	3	0	1	1	44
MS14	Main Stem Tookany	10	15	12	0	3	5	4	3	3	5	60
MS16	Main Stem Tookany	20	0	10	0	3	2	4	3	3	3	48
MS18	Main Stem Tookany	4	15	0	1	3	2	3	3	3	3	37
MS20	Main Stem Tookany	0	0	0	0	3	0	3	3	3	1	13
MS22	Main Stem Tookany	0	0	2	1	3	0	3	3	1	1	14
MS24	Main Stem Tookany	10	0	10	1	3	2	3	5	3	3	40
MS26	Main Stem Tookany	10	0	10	2	7	3	3	3	5	5	48
MS28	Main Stem Tookany	2	0	10	2	7	3	3	2	5	5	39
MS30	Main Stem Tookany	6	3	4	1	3	5	4	3	5	5	39
MS32	Main Stem Tookany	1	9	10	1	7	2	3	5	5	3	46
MS34	Main Stem Tookany	4	0	0	0	7	5	3	3	3	5	30
MS36	Main Stem Tookany	4	0	6	2	3	5	3	5	1	5	34
MS38	Main Stem Tookany	14	3	4	3	3	2	4	5	1	3	42
MS40	Main Stem Tookany	10	3	8	1	3	5	3	3	5	5	46
MS42	Main Stem Tookany	4	0	4	1	3	5	3	5	5	5	35
MS44	Main Stem Tookany	6	9	6	2	3	0	4	5	1	1	37
MS46	Main Stem Tookany	2	0	10	1	3	2	5	3	3	3	32
MS48	Main Stem Tookany	2	0	0	1	3	5	4	3	5	5	28
MS50	Main Stem Tookany	1	0	12	0	3	5	3	2	5 5	5	36 31
MS52 MS54	Main Stem Tookany	2	0	10 10	0	3	2	3	3	5	3	30
MS54 MS56	Main Stem Tookany Main Stem Tookany	4	0	4	0	3	5	3	2	3	5	29
MS58	Main Stem Tookany Main Stem Tookany	6	0	4 10	2	3	5	4	2	3	5	40
MS50 MS60	Main Stem Tookany	4	0	8	1	3	5	3	2	5	5	36
MS62	Main Stem Tookany	2	0	0	1	3	5	3	2	5	5	26
MS64	Main Stem Tookany	4	0	6	1	3	2	3	5	3	3	30
MS70	Main Stem Tookany Main Stem Tookany	4	0	12	1	3	2	4	2	3	3	30
MS70 MS72	Main Stem Tookany	0	0	0	2	3	2	4	3	3	3	20
MS72 MS74	Main Stem Tookany	0	0	0	0	3	5	3	5	5	5	20
MS74 MS76	Main Stem Tookany	0	0	0	0	3	5	3	5	5	5	26
MS78	Main Stem Tacony	0	0	0	1	3	0	3	5	3	1	16
MS80	Main Stem Tacony	6	6	0	1	3	0	4	5	1	1	27
MS86	Main Stem Tacony	1	0	8	0	3	0	4	3	3	1	23
MS88	Main Stem Tacony	24	9	6	1	3	0	3	3	3	1	53
MS94	Main Stem Tacony	18	6	0	2	3	5	3	3	3	5	48
MS100	Main Stem Tacony	2	0	0	1	3	5	4	3	5	5	28
MS102	Main Stem Tacony	22	12	0	1	3	5	4	5	5	5	62
MS104	Main Stem Tacony	10	0	2	1	3	0	5	2	5	1	29
MS104	Main Stem Tacony	0	0	4	1	3	0	3	2	5	1	19
MS108	Main Stem Tacony	0	0	0	0	3	2	5	3	5	3	21
MS110	Main Stem Tacony	1	6	0	0	3	5	3	3	5	5	31
MS112	Main Stem Tacony	0	0	0	1	3	5	5	3	5	5	27
MS114	Main Stem Tacony	25	0	0	1	3	5	3	3	5	5	50
MS120	Main Stem Tacony	14	6	12	1	7	5	5	1	5	5	61
N2	N	2	3	0	1	7	0	3	2	1	1	20
-	-		-				-	-	-			

			На	bitat Param	neters - TAC		EEK WAT	ERSHED					
Reach	Creek	Riparia DSR	n Width DSL	DSR	omposition DSL	DSR	y Cover DSL	Bed Materials	Sediment Supply	Sinuosity	Woody Debris	Attachment Sites	Total Habitat Ranking Value
-	-	H	H1	F	12	H	13	H4	H5	H6	H7	H8	-
A2	A	1	3	3	3	5	4	0	3	5	1	3	31
B2	Burholme	1	3	4	3	5	5	0	5	5	1	3	35
B4	Burholme	3	5	4	4	5	5	0	3	5	3	0	37
B6	Burholme	0	0	1	1	1	1	0	3	5	3	3	18
B8	Burholme	5	5	4	4	5	5	2	5	5	1	0	41
B10	Burholme	1	3	1	1	3	3	2	5	5	1	0	25
C2	С	1	3	1	1	5	5	4	5	5	5	3	38
D2	D	3	3	1	1	1	1	2	5	5	3	3	28
D4	D	0	1	1	1	0	0	2	3	5	3	0	16
EJ2	East Branch - Jenkintown	0	5	1	1	0	0	2	5	5	3	0	22
EJ4	East Branch - Jenkintown	0	0	1	1	0	0	2	3	5	3	0	15
G2	G	5	5	4	4	5	5	2	1	5	5	0	41
G4	G	1	5	3	3	4	5	0	5	5	3	3	37
G6	G	3	1	3	1	1	3	0	3	5	5	3	28
G8	G	0	0	3	3	4	3	2	5	5	5	3	33
G10	G	3	5	3	4	5	3	2	3	5	5	0	38
H2	Rock	0	0	1	4	1	1	2	5	5	3	0	19
H4	Rock	1	5	1	4	1	5	2	3	5	5	0	32
H4	Rock	0	5	1	4	5	5	2	3	5	3	0	24
H8		-				-	-		1			-	24 22
	Rock	1	5	1	1	4	4	0	-	5	0	0	
H10	Rock	5	0	1	1	4	5	2	3	5	3	3	32
H12	Rock	3	5	1	3	4	5	0	3	5	5	3	37
H14	Rock	5	5	4	4	4	4	5	1	5	5	0	42
12	Baeder	5	5	4	4	1	1	2	1	5	3	3	34
14	Baeder	5	5	4	4	4	4	0	1	5	5	0	37
16	Baeder	0	0	0	0	1	1	2	5	5	3	0	17
18	Baeder	0	0	0	0	5	5	0	3	5	3	3	24
l10	Baeder	5	5	4	4	5	5	2	1	5	5	3	44
l12	Baeder	3	1	4	1	4	4	2	5	5	3	0	32
J2	Jenkintown	1	0	1	1	5	4	2	1	3	3	3	24
J4	Jenkintown	5	0	1	4	5	5	2	5	5	3	0	35
J6	Jenkintown	5	5	3	3	4	4	2	1	5	3	0	35
J8	Jenkintown	5	0	1	1	5	3	2	3	5	1	0	26
J10	Jenkintown	1	1	3	3	4	4	1	3	5	3	3	31
J12	Jenkintown	3	1	1	1	4	4	2	5	5	3	0	29
J14	Jenkintown	3	0	0	0	4	4	0	1	3	3	0	18
J16	Jenkintown	5	1	1	1	4	3	0	3	5	3	0	26
J18	Jenkintown	3	0	1	1	5	4	4	5	5	3	0	31
J20	Jenkintown	5	3	4	1	4	3	2	5	5	3	0	35
K2	West Branch - Baeder	5	0	4	1	3	3	2	3	5	3	0	29
K4	West Branch - Baeder	0	3	1	1	4	4	2	3	5	3	3	29
L2	L	5	5	4	4	3	3	1	1	5	5	0	36
L2	L	3	5	4	4	1	1	1	3	3	5	3	27
M2	L M	1	5	3	3	1	5	0	3	3	5	3	30
	M								1				
M4		3	3	3	3	4	1	0		5	1	3	27
MR2	Mill Run	5	5	3	3	5	3	0	1	5	3	0	33
MR4	Mill Run	1	3	3	3	5	5	2	5	5	3	0	35
MR6	Mill Run	5	1	1	1	5	5	2	5	5	1	0	31
MR8	Mill Run	1	1	4	3	5	5	0	3	5	3	0	30
MR10	Mill Run	3	1	3	3	5	4	2	3	5	3	0	32
MR12	Mill Run	5	5	4	4	5	5	1	5	5	5	0	44

			На	bitat Param	neters - TAC		EK WAT	ERSHED					
Reach	Creek	Riparia DSR	n Width DSL	Riparian C DSR	omposition DSL	Canopy DSR	/ Cover DSL	Bed Materials	Sediment Supply	Sinuosity	Woody Debris	Attachment Sites	Total Habitat Ranking Value
-	-	F	11	F	12	Н	13	H4	H5	H6	H7	H8	-
MS2	Main Stem Tookany	1	0	1	1	1	1	0	5	3	3	0	16
MS4	Main Stem Tookany	0	1	1	1	1	1	2	3	5	3	0	18
MS6	Main Stem Tookany	0	0	3	3	3	3	2	5	5	1	0	25
MS8	Main Stem Tookany	3	5	3	3	5	5	0	3	5	3	0	35
MS10	Main Stem Tookany	3	1	1	1	3	3	0	3	5	3	0	23
MS12	Main Stem Tookany	3	5	3	4	3	3	5	1	5	5	0	37
MS14	Main Stem Tookany	5	5	1	1	1	1	2	3	5	5	3	32
MS16	Main Stem Tookany	1	5	1	4	4	4	2	5	5	5	0	36
MS18	Main Stem Tookany	0	5	1	1	4	4	2	3	5	5	0	30
MS20	Main Stem Tookany	3	5	3	3	5	5	2	3	5	5	0	39
MS22	Main Stem Tookany	5	5	3	3	5	5	2	1	5	5	0	39
MS24	Main Stem Tookany	5	5	1	1	4	4	4	3	5	3	0	35
MS26	Main Stem Tookany	5	5	1	1	5	5	2	3	5	3	0	35
MS28	Main Stem Tookany	3	5	3	4	1	5	0	1	5	5	0	32
MS30	Main Stem Tookany	0	3	1	1	1	1	2	3	5	3	0	20
MS32	Main Stem Tookany	5	0	1	1	3	1	4	5	5	5	0	30
MS32 MS34	Main Stem Tookany	1	3	1	1	1	4	2	1	5	5	0	24
MS34 MS36	Main Stem Tookany	3	3	3	1	5	3	4	5	3	5	0	35
MS38		5	5	3	3	5	4	4	5	3	3	0	40
	Main Stem Tookany		-	-		-				-		÷	
MS40	Main Stem Tookany	5	5	3	3	4	4	2	3	5	3	0	37
MS42	Main Stem Tookany	1	5	3	1	5	5	4	5	3	3	0	35
MS44	Main Stem Tookany	5	5	3	1	5	4	4	5	3	5	0	40
MS46	Main Stem Tookany	5	5	4	4	5	5	2	3	5	5	0	43
MS48	Main Stem Tookany	5	0	1	4	5	5	2	5	5	5	0	37
MS50	Main Stem Tookany	5	1	4	1	5	3	0	3	5	5	0	32
MS52	Main Stem Tookany	3	5	4	4	4	5	0	3	5	3	0	36
MS54	Main Stem Tookany	0	3	1	4	4	4	2	5	5	3	0	31
MS56	Main Stem Tookany	0	5	1	1	3	5	0	1	5	3	0	24
MS58	Main Stem Tookany	1	5	3	1	3	3	0	3	5	3	3	30
MS60	Main Stem Tookany	3	3	3	3	3	3	0	3	3	3	0	27
MS62	Main Stem Tookany	3	0	0	0	3	4	0	3	5	1	0	19
MS64	Main Stem Tookany	3	5	4	1	4	4	4	5	5	3	0	38
MS70	Main Stem Tookany	5	3	4	1	4	4	0	3	5	3	3	35
MS72	Main Stem Tookany	5	3	4	3	5	4	2	5	5	3	0	39
MS74	Main Stem Tookany	0	0	0	0	4	4	4	3	5	0	3	23
MS76	Main Stem Tookany	0	0	0	0	3	4	4	3	5	3	0	22
MS78	Main Stem Tacony	0	0	1	1	3	1	4	5	5	3	0	23
MS80	Main Stem Tacony	5	5	4	4	5	5	4	5	5	3	0	45
MS86	Main Stem Tacony	1	1	3	3	5	5	2	5	5	3	0	33
MS88	Main Stem Tacony	1	3	1	1	5	4	2	5	5	3	0	30
MS94	Main Stem Tacony	1	3	1	1	4	5	2	5	5	1	0	28
MS100	Main Stem Tacony	0	0	3	1	5	4	2	5	5	1	0	26
MS100 MS102	Main Stem Tacony	0	0	1	1	4	3	4	5	5	0	0	28
MS102 MS104	Main Stem Tacony	0	1	1	1	4	1	4	3	5	3	0	 19
									3				
MS106	Main Stem Tacony	3	0	1	1	5	5	0	-	5	3	0	24
MS108	Main Stem Tacony	0	0	3	3	4	3	2	5	5	3	0	28
MS110	Main Stem Tacony	3	1	3	3	1	1	2	5	5	3	0	27
MS112	Main Stem Tacony	3	3	1	1	5	3	2	5	5	3	0	31
MS114	Main Stem Tacony	3	3	1	1	5	5	2	5	5	3	0	33
MS120	Main Stem Tacony	1	3	3	3	5	4	1	3	5	0	0	28
N2	N	5	5	4	4	5	5	0	1	5	5	0	39

Chanı	nel Stability and Habitat Pa Alph	rameters - TAC abetical Order	ONY CREEK	WATERSHED
Reach	Creek	Total Stability Ranking Value	Total Habitat Ranking Value	Total Stability and Habitat Ranking Value
-	-	-	-	-
A2	Α	52	31	83
B2	Burholme	34	35	69
B4	Burholme	33	37	70
B6	Burholme	37	18	55
B8	Burholme	38	41	79
B10	Burholme	36	25	61
C2	С	32	38	70
D2	D	32	28	60
D4	D	35	16	51
EJ2	East Branch - Jenkintown	31	22	53
EJ4	East Branch - Jenkintown	36	15	51
G2	G	27	41	68
G4	G	60	37	97
G6	G	28	28	56
G8	G	44	33	77
G10	G	53	38	91
H2	Rock	32	19	51
H4	Rock	38	32	70
H6	Rock	43	24	67
H8	Rock	25	22	47
H10	Rock	54	32	86
H12	Rock	39	37	76
H14	Rock	53	42	95
12	Baeder	59	34	93
14	Baeder	29	37	66
16	Baeder	34	17	51
18	Baeder	41	24	65
110	Baeder	44	44	88
112	Baeder	58	32	90
J2	Jenkintown	36	24	60
J4	Jenkintown	31	35	66
J6	Jenkintown	54	35	89
J8	Jenkintown	24	26	50
J10	Jenkintown	47	31	78
J12	Jenkintown	43	29	72
J14	Jenkintown	21	18	39
J16	Jenkintown	24	26	50
J18	Jenkintown	33	31	64
J20	Jenkintown	36	35	71
K2	West Branch - Baeder	42	29	71
K4	West Branch - Baeder	27	29	56
L2	L	19	36	55
L4	L	47	27	74
M2	М	33	30	63
M4	M	34	27	61
MR2	Mill Run	62	33	95
MR4	Mill Run	41	35	76
MR6	Mill Run	38	31	69
MR8	Mill Run	32	30	62
MR10	Mill Run	42	32	74
MR12	Mill Run	44	44	88

	Alpl	nabetical Order		T
		Total Stability	Total Habitat Ranking	Total Stability and Habitat Ranking
Reach	Creek	Ranking Value	Value	Value
	-	-	4	-
MS2	Main Stem Tookany	34	16	50
MS4	Main Stem Tookany	34	18	52
MS6	Main Stem Tookany	38	25	63
MS8	Main Stem Tookany	31	35	66
MS10	Main Stem Tookany	23	23	46
MS12	Main Stem Tookany	44	37	81
MS14	Main Stem Tookany	60	32	92
MS16	Main Stem Tookany	48	36	84
MS18	Main Stem Tookany	37	30	67
MS20	Main Stem Tookany	13	39	52
MS22	Main Stem Tookany	14	39	53
MS24	Main Stem Tookany	40	35	75
MS26	Main Stem Tookany	48	35	83
MS28	Main Stem Tookany	39	32	71
MS30	Main Stem Tookany	39	20	59
MS32	Main Stem Tookany	46	30	76
MS34	Main Stem Tookany	30	24	54
MS36	Main Stem Tookany	34	35	69
MS38	Main Stem Tookany	42	40	82
MS40	Main Stem Tookany	46	37	83
MS42	Main Stem Tookany	35	35	70
MS44	Main Stem Tookany	37	40	77
MS46	Main Stem Tookany	32	43	75
MS48	Main Stem Tookany	28	37	65
MS50	Main Stem Tookany	36	32	68
MS52	Main Stem Tookany	31	36	67
MS54	Main Stem Tookany	30	31	61
MS56	Main Stem Tookany	29	24	53
MS58	Main Stem Tookany	40	30	70
MS60	Main Stem Tookany	36	27	63
MS62	Main Stem Tookany	26	19	45
MS64	Main Stem Tookany	30	38	68
MS70	Main Stem Tookany	31	35	66
MS72	Main Stem Tookany	20	39	59
MS74	Main Stem Tookany	26	23	49
MS76	Main Stem Tookany	26	22	48
MS78	Main Stem Tacony	16	23	39
MS80	Main Stem Tacony	27	45	72
MS86	Main Stem Tacony	23	33	56
MS88	Main Stem Tacony	53	30	83
MS94	Main Stem Tacony	48	28	76
MS100	Main Stem Tacony	28	26	54
MS102	Main Stem Tacony	62	23	85
MS104	Main Stem Tacony	29	19	48
MS106	Main Stem Tacony	19	24	43
MS108	Main Stem Tacony	21	28	49
MS110	Main Stem Tacony	31	27	58
MS112	Main Stem Tacony	27	31	58
MS114	Main Stem Tacony	50	33	83
MS120	Main Stem Tacony	61	28	89
N2	N	20	39	59

		bility and Habitat			
		Transformer	Total Habitat		-
Deset	Oreach	Total Stability	Ranking	Habitat Ranking	Tota
Reach	Creek	Ranking Value	Value	Value	Rank
- G4	G	60	37	97	- 1
MR2	Mill Run	62	33	95	2
H14	Rock	53	42	95	2
12	Baeder	59	34	93	4
MS14	Main Stem Tookany	60	32	92	5
G10	G	53	38	91	6
112	Baeder	58	32	90	7
MS120	Main Stem Tacony	61	28	89	8
J6	Jenkintown	54	35	89	8
MR12	Mill Run	44	44	88	10
l10	Baeder	44	44	88	10
H10	Rock	54	32	86	12
MS102	Main Stem Tacony	62	23	85	13
MS16	Main Stem Tookany	48	36	84	14
MS40	Main Stem Tookany	46	37	83	15
MS114	Main Stem Tacony	50	33	83	15
A2	Α	52	31	83	15
MS26	Main Stem Tookany	48	35	83	15
MS88	Main Stem Tacony	53	30	83	15
MS38	Main Stem Tookany	42	40	82	20
MS12	Main Stem Tookany	44	37	81	21
B8	Burholme	38	41	79	22
J10	Jenkintown	47	31	78	23
MS44 G8	Main Stem Tookany	<u> </u>	<u>40</u> 33	77 77	24 24
MS94	G Main Stem Tacony	44	28	76	24
MR4	Main Stem Tacony Mill Run	40	35	76	26
H12	Rock	39	37	76	26
MS32	Main Stem Tookany	46	30	76	26
MS46	Main Stem Tookany	32	43	75	30
MS24	Main Stem Tookany	40	35	75	30
L4	L	40	27	74	32
MR10	 Mill Run	42	32	74	32
MS80	Main Stem Tacony	27	45	72	34
J12	Jenkintown	43	29	72	34
J20	Jenkintown	36	35	71	36
K2	West Branch - Baeder	42	29	71	36
MS28	Main Stem Tookany	39	32	71	36
MS42	Main Stem Tookany	35	35	70	39
C2	C	32	38	70	39
MS58	Main Stem Tookany	40	30	70	39
B4	Burholme	33	37	70	39
H4	Rock	38	32	70	39
B2	Burholme	34	35	69	44
MR6	Mill Run	38	31	69	44
MS36	Main Stem Tookany	34	35	69 68	44
MS50	Main Stem Tookany	36	32	68	47
G2	G Main Stom Tookany	27	41	68 68	47
MS64	Main Stem Tookany	30	38	68 67	47
MS18 MS52	Main Stem Tookany Main Stem Tookany	37 31	30 36	67 67	50 50

			Total Habitat	Total Stability and	
		Total Stability	Ranking	Habitat Ranking	Tota
Reach	Creek	Ranking Value	Value	Value	Ran
-	-	Tunning Value	Value	Value	- Tturn
H6	Rock	43	24	67	50
MS8	Main Stem Tookany	31	35	66	53
MS70	Main Stem Tookany	31	35	66	53
14	Baeder	29	37	66	53
J4	Jenkintown	31	35	66	53
MS48	Main Stem Tookany	28	37	65	57
18	Baeder	41	24	65	57
J18	Jenkintown	33	31	64	59
M2	Μ	33	30	63	60
MS60	Main Stem Tookany	36	27	63	60
MS6	Main Stem Tookany	38	25	63	60
MR8	Mill Run	32	30	62	63
B10	Burholme	36	25	61	64
M4	Μ	34	27	61	64
MS54	Main Stem Tookany	30	31	61	64
J2	Jenkintown	36	24	60	67
D2	D	32	28	60	67
MS30	Main Stem Tookany	39	20	59	69
MS72	Main Stem Tookany	20	39	59	69
N2	N	20	39	59	69
MS110	Main Stem Tacony	31	27	58	72
MS112	Main Stem Tacony	27	31	58	72
K4	West Branch - Baeder	27	29	56	74
MS86	Main Stem Tacony	23	33	56	74
G6	G	28	28	56	74
B6	Burholme	37	18	55	77
L2	L	19	36	55	77
MS100	Main Stem Tacony	28	26	54	79
MS34	Main Stem Tookany	30	24	54	79
EJ2	East Branch - Jenkintown	31	22	53	81
MS22	Main Stem Tookany	14	39	53	81
MS56	Main Stem Tookany	29	24	53	81
MS20	Main Stem Tookany	13	39	52	84
MS4	Main Stem Tookany	34	18	52	84
H2	Rock	32	19	51	86
D4	D	35	16	51	86
EJ4	East Branch - Jenkintown	36	15	51	86
16	Baeder	34	17	51	86
J8	Jenkintown	24	26	50	90
J16	Jenkintown	24	26	50	90
MS2	Main Stem Tookany	34	16	50	90
MS74	Main Stem Tookany	26	23	49	93
MS108	Main Stem Tacony	21	28	49	93
MS104	Main Stem Tacony	29	19	48	95
MS76	Main Stem Tookany	26	22	48	95
H8	Rock	25	22	47	97
MS10	Main Stem Tookany	23	23	46	98
MS62	Main Stem Tookany	26	19	45	99
MS106	Main Stem Tacony	19	24	43	100
J14	Jenkintown	21	18	39	101
MS78	Main Stem Tacony	16	23	39	101

Chan	nel Stability Parameters - TACO Total Stability Ran		TERSHED
Reach	Creek	Total Stability Ranking Value	Total Stability Rank
-	-	-	-
MR2	Mill Run	62	1
MS102	Main Stem Tacony	62	1
MS120	Main Stem Tacony	61	3
MS14	Main Stem Tookany	60	4
G4 12	G Baeder	60	-
		59	6
112	Baeder	58 54	7
H10 J6	Rock Jenkintown	54	8 8
			-
MS88	Main Stem Tacony	53	10
G10	G	53	10
H14	Rock	53	10
A2	<u>A</u>	52	13
MS114	Main Stem Tacony	50	14
MS94	Main Stem Tacony	48	15
MS16	Main Stem Tookany	48	15
MS26	Main Stem Tookany	48	15
J10	Jenkintown	47	18
L4	L	47	18
MS40	Main Stem Tookany	46	20
MS32	Main Stem Tookany	46	20
MR12	Mill Run	44	22
G8	G	44	22
I10	Baeder	44	22
MS12	Main Stem Tookany	44	22
J12	Jenkintown	43	26
H6	Rock	43	26
K2	West Branch - Baeder	42	28
MS38	Main Stem Tookany	42	28
MR10	Mill Run	42	28
MR4	Mill Run	41	31
18	Baeder	41	31
MS24	Main Stem Tookany	40	33
MS58	Main Stem Tookany	40	33
MS30	Main Stem Tookany	39	35
H12	Rock	39	35
MS28	Main Stem Tookany	39	35
MR6	Mill Run	38	38
B8	Burholme	38	38
H4	Rock	38	38
MS6	Main Stem Tookany	38	38
B6	Burholme	37	42
MS18	Main Stem Tookany	37	42
MS44	Main Stem Tookany	37	42
MS50	Main Stem Tookany	36	45
J2	Jenkintown	36	45
B10	Burholme	36	45
EJ4	East Branch - Jenkintown	36	45
J20	Jenkintown	36	45
MS60	Main Stem Tookany	36	45
MS42	Main Stem Tookany	35	51

	Total Stability Ra	nk Order		
Reach	Creek	Total Stability Ranking Value		
- D4	- D	- 35	- 51	
B2	Burholme	34	53	
16	Baeder	34	53	
M4	M	34	53	
MS2	Main Stem Tookany	34	53	
MS36	Main Stem Tookany	34	53	
MS4	Main Stem Tookany Main Stem Tookany	34	53	
J18	Jenkintown	33	59	
M2	M	33	59	
B4	Burholme	33	59	
MS46	Main Stem Tookany	32	62	
H2	Rock	32	62	
C2	C	32	62	
D2	<u>0</u>	32	62	
MR8	Mill Run	32	62	
MS110	Main Stem Tacony	31	67	
EJ2	East Branch - Jenkintown	31	67	
MS8	Main Stem Tookany	31	67	
MS52	Main Stem Tookany	31	67	
MS70	Main Stem Tookany Main Stem Tookany	31	67	
J4	Jenkintown	31	67	
MS54	Main Stem Tookany	30	73	
MS64	Main Stem Tookany	30	73	
MS34	Main Stem Tookany	30	73	
MS104	Main Stem Tacony	29	75	
MS56	Main Stem Tookany	29	76	
14	Baeder	29	76	
MS48	Main Stem Tookany	29	78	
MS100	Main Stem Tacony	28	79	
G6	G	28	79	
MS112	Main Stem Tacony	20	82	
G2	G	27	82	
K4	West Branch - Baeder	27	82	
MS80	Main Stem Tacony	27	82	
MS62	Main Stem Tookany	26	86	
MS74	Main Stem Tookany	26	86	
MS74 MS76	Main Stem Tookany	26	86	
H8	Rock	25	89	
J8	Jenkintown	23	90	
J16	Jenkintown	24	90	
MS10	Main Stem Tookany	24	90	
MS10 MS86	Main Stem Tacony	23	92	
	-			
J14 MS108	Jenkintown Main Stom Tacony	21	94	
MS108	Main Stem Tacony Main Stem Tookany	21	94	
MS72		20	96	
N2	<u>N</u>	20	96	
L2	L Main Stom Tasany	19	98	
MS106	Main Stem Tacony	19	98	
MS78	Main Stem Tacony	16	100	
MS22	Main Stem Tookany Main Stem Tookany	14	101	

Channel Habitat Parameters - TACONY CREEK WATERSHED Total Habitat Rank Order				
	Total Habitat Re			
Reach	Creek	Total Habitat Ranking Value	Total Habitat Rank	
-	-	-	-	
MS80	Main Stem Tacony	45	1	
l10	Baeder	44	2	
MR12	Mill Run	44	2	
MS46	Main Stem Tookany	43	4	
H14	Rock	42	5	
B8	Burholme	41	6	
G2	G	41	6	
MS38	Main Stem Tookany	40	8	
MS44	Main Stem Tookany	40	8	
MS20	Main Stem Tookany	39	10	
MS22	Main Stem Tookany	39	10	
MS72	Main Stem Tookany	39	10	
N2	N	39	10	
C2	C	38	14	
G10	G	38	14	
MS64	Main Stem Tookany	38	14	
B4	Burholme	37	17	
G4	G	37	17	
H12	Rock	37	17	
14	Baeder	37	17	
MS12	Main Stem Tookany	37	17	
MS40	Main Stem Tookany	37	17	
MS48	Main Stem Tookany	37	17	
L2		36	24	
MS16	Main Stem Tookany	36	24	
MS52	Main Stem Tookany	36	24	
B2	Burholme	35	27	
J4	Jenkintown	35	27	
J6	Jenkintown	35	27	
J20	Jenkintown	35	27	
MR4	Mill Run	35	27	
MIX4 MS8	Main Stem Tookany	35	27	
MS24	Main Stem Tookany	35	27	
MS26	Main Stem Tookany	35	27	
MS36	Main Stem Tookany	35	27	
MS42	Main Stem Tookany	35	27	
MS70	Main Stem Tookany	35	27	
12		34		
	Baeder G		38	
G8 MR2		33	39 39	
	Mill Run Main Stom Tasany			
MS86 MS114	Main Stem Tacony Main Stem Tacony	33	39 39	
MOT14				
H4	Rock	32	43	
H10	Rock	32	43	
I12	Baeder	32	43	
MR10	Mill Run	32	43	
MS14	Main Stem Tookany	32	43	
MS28	Main Stem Tookany	32	43	
MS50	Main Stem Tookany	32	43	
A2	<u>A</u>	31	50	
J10	Jenkintown	31	50	

	Total Habitat Ra	nk Order		
Reach	Creek	Total Habitat Ranking Value		
-	-	- 31		
J18 MR6	Jenkintown Mill Run	31	50 50	
-		-		
MS54 MS112	Main Stem Tookany	<u>31</u> 31	50 50	
MS112 MS58	Main Stem Tacony	-		
	Main Stem Tookany	30	56	
M2 MR8	M	30	56	
-	Mill Run Mein Stern Teekenv	<u> </u>	56 56	
MS18	Main Stem Tookany			
MS32	Main Stem Tookany	30	56	
MS88	Main Stem Tacony	30	56	
K2	West Branch - Baeder	29	62	
K4	West Branch - Baeder	29	62	
J12	Jenkintown	29	62	
D2	D	28	65	
G6	G	28	65	
MS94	Main Stem Tacony	28	65	
MS120	Main Stem Tacony	28	65	
MS108	Main Stem Tacony	28	65	
L4	L	27	70	
M4	M	27	70	
MS60	Main Stem Tookany	27	70	
MS110	Main Stem Tacony	27	70	
J8	Jenkintown	26	74	
J16	Jenkintown	26	74	
MS100	Main Stem Tacony	26	74	
B10	Burholme	25	77	
MS6	Main Stem Tookany	25	77	
MS56	Main Stem Tookany	24	79	
18	Baeder	24	79	
J2	Jenkintown	24	79	
MS34	Main Stem Tookany	24	79	
MS106	Main Stem Tacony	24	79	
H6	Rock	24	79	
MS10	Main Stem Tookany	23	85	
MS74	Main Stem Tookany	23	85	
MS78	Main Stem Tacony	23	85	
MS102	Main Stem Tacony	23	85	
EJ2	East Branch - Jenkintown	22	89	
H8	Rock	22	89	
MS76	Main Stem Tookany	22	89	
MS30	Main Stem Tookany	20	92	
MS104	Main Stem Tacony	19	93	
H2	Rock	19	93	
MS62	Main Stem Tookany	19	93	
B6	Burholme 18		96	
J14	Jenkintown 18		96	
MS4	Main Stem Tookany	18	96	
16	Baeder	17	99	
D4	D	16	100	
MS2	Main Stem Tookany	16	100	
EJ4	East Branch - Jenkintown	15	102	

APPENDIX F - GIS METADATA

File Name	Shape Type	Description
	Type	Description
FGM_Rebars	Point	Locations of Rebars placed for each of the 102 reaches plotted using mobile GPS unit.
		Locations of the 102 cross-sections where data was collected. Shapefile was created by taking the shapefile
TF_FGM_X-sect_Locations	Polyline	FGM_Rebars and drawing a line between the two points to connect them.
		Tacony-Frankford Watershed broken down into smaller sheds based on drainage area to each set of rebar points or
TF_FGM_Sheds	Polygon	eross-section location
		Tacony-Frankford hydrology polygon coverage split up according to cross-section location. Each cross-section was designated to represent a stretch of creek that extended half-way to the next cross-section in either direction, or to
TF_FGM_Hydro_Polygons	Polygon	headwaters or confluences.
Reach_Ranking_Total	Polyline	Total Reach Ranking Scores assigned to each of the 102 reaches using the scoring protocol discussed herein
		Tacony-Frankford hydrology line coverage split up according to cross-section location. Each cross-section was designated to represent a stretch of creek that extended half-way to the next cross-section in either direction, or to
TF_FGM_Hydro_Lines	Polyline	headwaters or confluences.
TF_Stream_Centerlines	Polyline	Tacony-Frankford stream centerline shapefile clipped to between cross-sections.
TFImpervious	Polygon	Impervious cover for the City of Philadelphia clipped to the Tookany/Tacony-Frankford Watershed coverage
Tacony-Frankford Watershed	Polygon	Polygon coverage of the shape of the Tookany/Tacony-Frankford Watershed
		Point file consisting of the locations of bridges, confluences, dams, manholes, outfalls, and pipes that impact the
Tacony_Infrastructure_Point_Final	Point	waterway in the Tookany/Tacony-Frankford Watershed. Points were GPSed during a Fall-Winter 2004 infrastructure investigation completed by PWD.
		Line file consisting of the locations of channelized portions and culverted portions that impact the waterway in the
Tacony_Infrastructure_Lines_Final	Polyline	Tookany/Tacony-Frankford Watershed. Points were GPSed during a Fall-Winter 2004 infrastructure investigation completed by PWD.
TF_Poor_Condition	Point	Point coverage that selected outfalls, pipes, and manholes deemed to be in poor condition from the infrastructure investigation .
Reach Prioritization II	Polyline	
	1 Orymic	
		Point coverage showing all the locations identified during an aerial infrared imaging study that was completed on all the hydrology in the Wissahickon, Cobbs, and Tacony watersheds for the purpose of finding thermal anomalies indicative
ID D	Deiter	of liquid contamination of the surface water resulting from leaking sewer lines, ground water seeps, or unidentified
IR_Points_2006	Point	surface or subsurface outfalls.
Dvrpc-lu	Polygon	Landuse cover from DVRPC from the year 2000