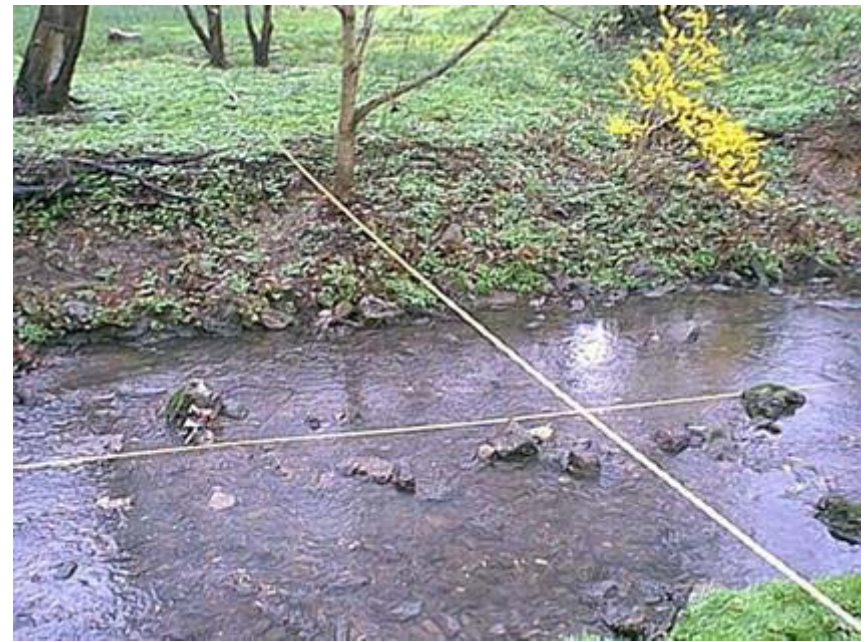


## **APPENDIX A - CROSS SECTION PICTURES**

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
A2**

Cheltenham Township  
Drainage Area = 0.41 mi<sup>2</sup>  
4/14/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**B2**

Burholme Creek

Rockledge Township

Drainage Area = 0.24 mi<sup>2</sup>

4/6/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**B4**

Burholme Creek

Abington Township

Drainage Area = 0.29 mi<sup>2</sup>

4/6/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**B6**

Burholme Creek

Philadelphia County

Drainage Area = 0.50 mi<sup>2</sup>

4/8/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**B8**

Burholme Creek  
Cheltenham Township  
Drainage Area = 0.64 mi<sup>2</sup>  
4/8/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**B10**

Burholme Creek

Cheltenham Township

Drainage Area = 0.66 mi<sup>2</sup>

4/8/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
C2**

Abington Township  
Drainage Area = 0.17 mi<sup>2</sup>  
3/31/04



XS – DSR to DSL

Upstream View



Downstream View





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
D2**

Abington Township  
Drainage Area = 0.12 mi<sup>2</sup>  
3/24/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
D4**

Abington Township  
Drainage Area = 0.13 mi<sup>2</sup>  
3/24/04



XS – DSR to DSL

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**EJ2**

East Branch - Jenkintown Creek

Cheltenham Township

Drainage Area = 0.22 mi<sup>2</sup>

8/3/04



XS – DSR to DSL

Downstream View

Upstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**EJ4**

East Branch - Jenkintown Creek

Cheltenham Township

Drainage Area = 0.45 mi<sup>2</sup>

8/3/04



XS – DSL to DSR

Upstream View



Downstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
G2**

Abington Township  
Drainage Area = 0.11 mi<sup>2</sup>  
3/4/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
G4**

Abington Township  
Drainage Area = 0.22 mi<sup>2</sup>  
3/4/04



XS – DSL to DSR

Upstream View



Downstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
G6**

Cheltenham Township  
Drainage Area = 0.33 mi<sup>2</sup>  
3/4/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
G8**

Cheltenham Township  
Drainage Area = 0.37 mi<sup>2</sup>  
3/4/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**

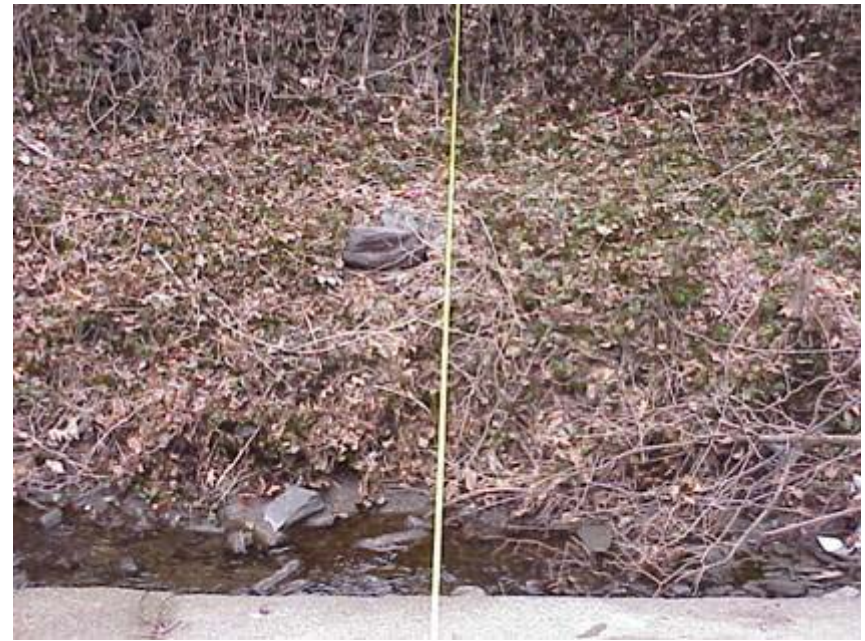




Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
G10**

Cheltenham Township  
Drainage Area = 0.54 mi<sup>2</sup>  
3/4/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**H2**

Rock Creek

Cheltenham Township

Drainage Area = 0.28 mi<sup>2</sup>

3/2/04



**XS – DSR to DSL**

**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**H4**

Rock Creek

Cheltenham Township

Drainage Area = 0.41 mi<sup>2</sup>

3/2/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**H6**

Rock Creek

Cheltenham Township

Drainage Area = 0.95 mi<sup>2</sup>

3/2/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**H8**

Rock Creek

Cheltenham Township

Drainage Area = 1.40 mi<sup>2</sup>

3/2/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**H10**

Rock Creek

Cheltenham Township

Drainage Area = 1.59 mi<sup>2</sup>

3/2/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**H12**

Rock Creek

Cheltenham Township

Drainage Area = 1.66 mi<sup>2</sup>

3/4/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



**Section  
H14**

Rock Creek  
Cheltenham Township  
Drainage Area = 1.81 mi<sup>2</sup>  
3/4/04



**XS – DSL to DSR**



**XS – DSL to DSR**

**Upstream View**



**Downstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**I2**

Baeder Creek

Abington Township

Drainage Area = 0.20 mi<sup>2</sup>

1/12/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**I4**

Baeder Creek  
Abington Township  
Drainage Area = 0.55 mi<sup>2</sup>  
1/12/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**I6**

Baeder Creek

Abington Township

Drainage Area = 0.62 mi<sup>2</sup>

1/12/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**18**

Baeder Creek

Abington Township

Drainage Area = 1.01 mi<sup>2</sup>

1/12/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**I10**

Baeder Creek

Abington Township

Drainage Area = 1.07 mi<sup>2</sup>

1/12/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**I12**

Baeder Creek

Abington Township

Drainage Area = 1.40 mi<sup>2</sup>

1/13/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J2**

Jenkintown Creek  
Abington Township  
Drainage Area = 0.26 mi<sup>2</sup>  
3/24/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J4**

Jenkintown Creek  
Abington Township  
Drainage Area = 0.40 mi<sup>2</sup>  
3/24/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J6**

Jenkintown Creek  
Abington Township  
Drainage Area = 0.49 mi<sup>2</sup>  
8/3/04



**XS – DSL to DSR**

**Downstream View**

**Upstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J8**

Jenkintown Creek  
Abington Township  
Drainage Area = 1.03 mi<sup>2</sup>  
3/24/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J10**

Jenkintown Creek  
Abington Township  
Drainage Area = 1.14 mi<sup>2</sup>  
3/31/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J12**

Jenkintown Creek  
Abington Township  
Drainage Area = 1.21 mi<sup>2</sup>  
3/31/04



**XS – DSR to DSL**

**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J14**

Jenkintown Creek  
Cheltenham Township  
Drainage Area = 1.49 mi<sup>2</sup>  
3/31/04



XS – DSR to DSL

Upstream View



Downstream View



Tacony-Frankford Watershed Stream  
Study

Philadelphia Water Department  
Office of Watersheds

**Section**

**J16**

Jenkintown Creek  
Cheltenham Township  
Drainage Area = 1.54 mi<sup>2</sup>  
3/31/04



XS – DSR to DSL

Upstream View



Downstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J18**

Jenkintown Creek

Cheltenham Township

Drainage Area = 1.60 mi<sup>2</sup>

4/6/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**J20**

Jenkintown Creek  
Cheltenham Township  
Drainage Area = 1.76 mi<sup>2</sup>  
4/14/04



XS – DSR to DSL

Upstream View



Downstream View





**Section  
K2**

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



**XS – DSL to DSR**



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**K4**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
L2**

Cheltenham Township  
Drainage Area = 0.42 mi<sup>2</sup>  
1/6/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
L4**

Cheltenham Township  
Drainage Area = 0.54 mi<sup>2</sup>  
1/6/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
M2**

Cheltenham Township  
Drainage Area = 0.15 mi<sup>2</sup>  
3/2/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



**Section  
M4**

Cheltenham Township  
Drainage Area = 0.27 mi<sup>2</sup>  
3/2/04



**XS – DSR to DSL**



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MR2**

Mill Run

Cheltenham Township

Drainage Area = 1.08 mi<sup>2</sup>

4/6/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MR4**

Mill Run

Cheltenham Township

Drainage Area = 1.28 mi<sup>2</sup>

4/6/04



**XS – DSR to DSL**

**Downstream View**

**Upstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MR6**

Mill Run

Cheltenham Township

Drainage Area = 1.41 mi<sup>2</sup>

4/6/04



**XS – DSR to DSL**

**Downstream View**

**Upstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MR8**

Mill Run

Cheltenham Township

Drainage Area = 1.49 mi<sup>2</sup>

4/6/04



**XS – DSR to DSL**

**Downstream View**

**Upstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MR10**

Mill Run

Cheltenham Township

Drainage Area = 1.56 mi<sup>2</sup>

4/6/04



**XS – DSL to DSR**

**Downstream View**

**Upstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MR12**

Mill Run

Cheltenham Township

Drainage Area = 1.64 mi<sup>2</sup>

4/2/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS2**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS4**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS6**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS8**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 1.06 mi<sup>2</sup>  
2/25/04



XS – DSR to DSL

Downstream View

Upstream View





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS10**

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

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS12**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS14**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 2.12 mi<sup>2</sup>  
1/7/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
MS16**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS18**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS20**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



**Section  
MS22**

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



**XS – DSL to DSR**



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS24**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 4.83 mi<sup>2</sup>  
2/25/04



XS – DSL to DSR

Upstream View



Downstream View





**Section  
MS26**

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



**XS – DSL to DSR**



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



**Section  
MS28**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 5.42 mi<sup>2</sup>  
2/25/04



**XS – DSR to DSL**



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS30**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 5.63 mi<sup>2</sup>  
2/25/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS32**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS34**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 7.73 mi<sup>2</sup>  
3/5/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS36**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS38**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS40**

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



**XS – DSR to DSL**

**Downstream View**

**Upstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS42**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 9.58 mi<sup>2</sup>  
4/1/04



**XS – DSL to DSR**

**Upstream View**



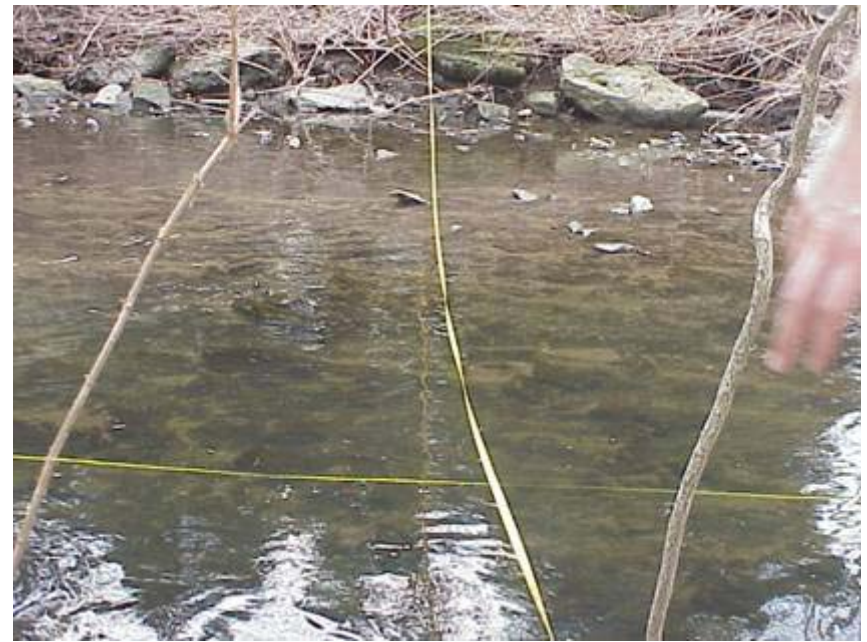
**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS44**

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



XS – DSL to DSR

Upstream View



Downstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS46**

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



XS – DSR to DSL

Upstream View



Downstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS48**

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



**XS – DSR to DSL**

**Downstream View**

**Upstream 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<sup>2</sup>  
4/2/04



**XS – DSR to DSL**



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
MS52**

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



**XS – DSR to DSL**



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**

**MS54**

Main Stem Tacony Creek  
Cheltenham Township  
Drainage Area = 13.45 mi<sup>2</sup>

8/3/04



XS – DSL to DSR

Downstream View

Upstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS56**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS58**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS60**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS62**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Sections**

**MS64/MS66/MS68**

Main Stem Tacony Creek

Cheltenham Township

Drainage Area = 15.10 mi<sup>2</sup>

4/23/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
MS70**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS72**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS74**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS76**

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



**XS – DSL to DSR**

**Downstream View**

**Upstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS78**

Main Stem Tacony Creek  
Philadelphia County  
Drainage Area = 16.01 mi<sup>2</sup>  
4/28/04

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Sections**

**MS80/MS82/MS84**

Main Stem Tacony Creek

Philadelphia County

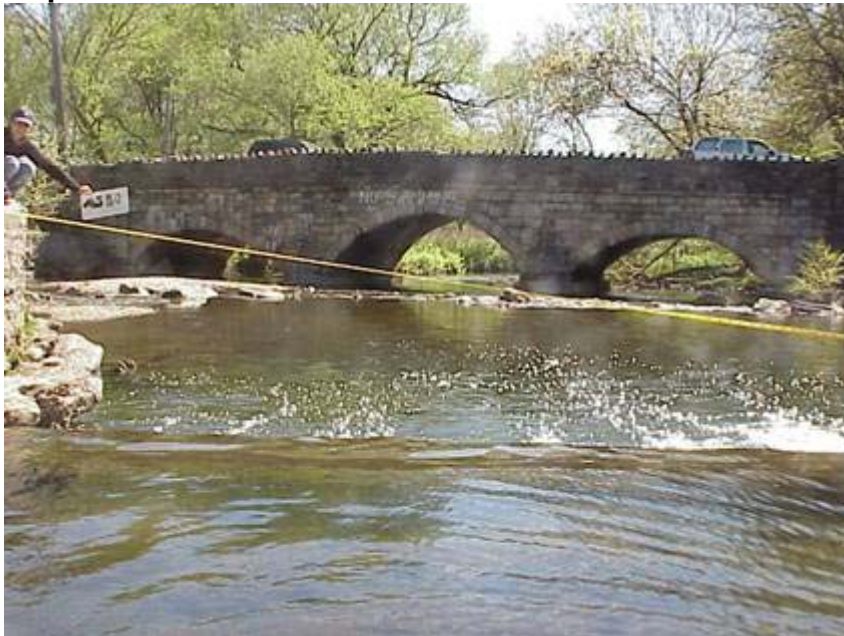
Drainage Area = 16.37 mi<sup>2</sup>

4/28/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS86**

Main Stem Tacony Creek  
Philadelphia County  
Drainage Area = 16.38 mi<sup>2</sup>  
4/29/04

**Upstream View**



**Downstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
MS88**

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



**XS – DSR to DSL**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Sections**

**MS94/MS96/MS98**

Main Stem Tacony Creek

Philadelphia County

Drainage Area = 17.38 mi<sup>2</sup>

4/29/04



**XS – DSR to DSL**

**Downstream View**

**Upstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS100**

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

**Upstream View**



**Downstream View**



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

Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS102**

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



**XS – DSR to DSL**

**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS104**

Main Stem Tacony Creek  
Philadelphia County  
Drainage Area = 20.59 mi<sup>2</sup>  
5/5/04



**XS – DSR to DSL**

**Upstream View**



**Downstream View**





Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS106**

Main Stem Tacony Creek  
Philadelphia County  
Drainage Area = 20.82 mi<sup>2</sup>  
5/5/04



XS – DSR to DSL

Upstream View



Downstream View



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS108**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
MS110**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS112**

Main Stem Tacony Creek  
Philadelphia County  
Drainage Area = 21.16 mi<sup>2</sup>  
5/6/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
MS114**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section**  
**MS120**

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



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



Tacony-Frankford Watershed Stream Study  
Philadelphia Water Department  
Office of Watersheds

**Section  
N2**

Cheltenham Township  
Drainage Area = 0.18 mi<sup>2</sup>  
4/23/04



**XS – DSL to DSR**

**Upstream View**



**Downstream View**



**APPENDIX B - QUALITATIVE STREAM SURVEY SUMMARY  
DATA**





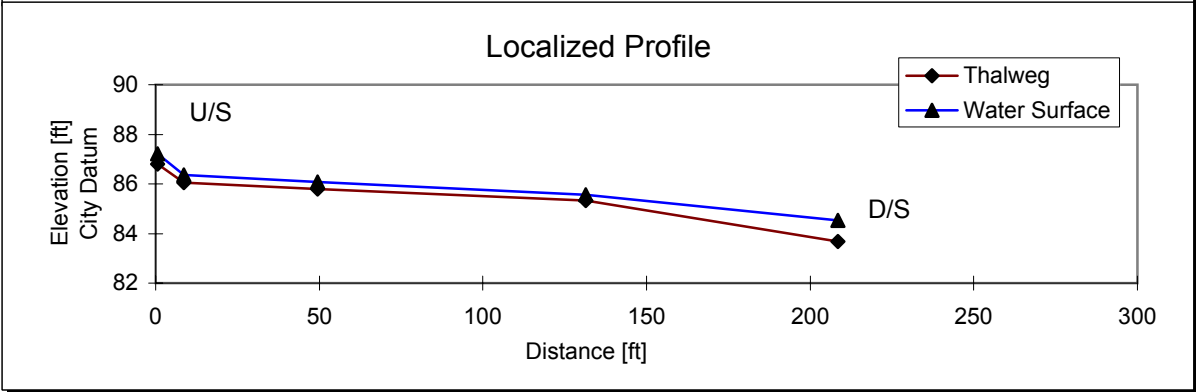
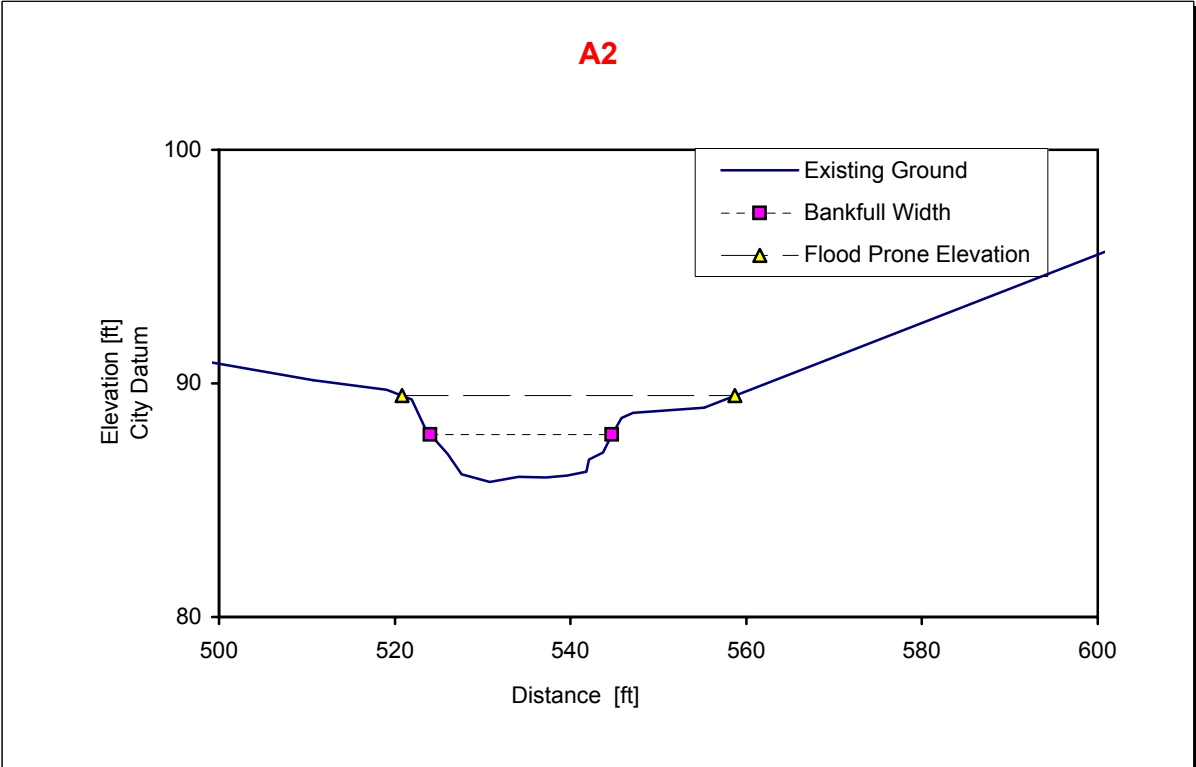






## **APPENDIX C - MEASURED REACH CROSS SECTION GRAPHS**

## A2

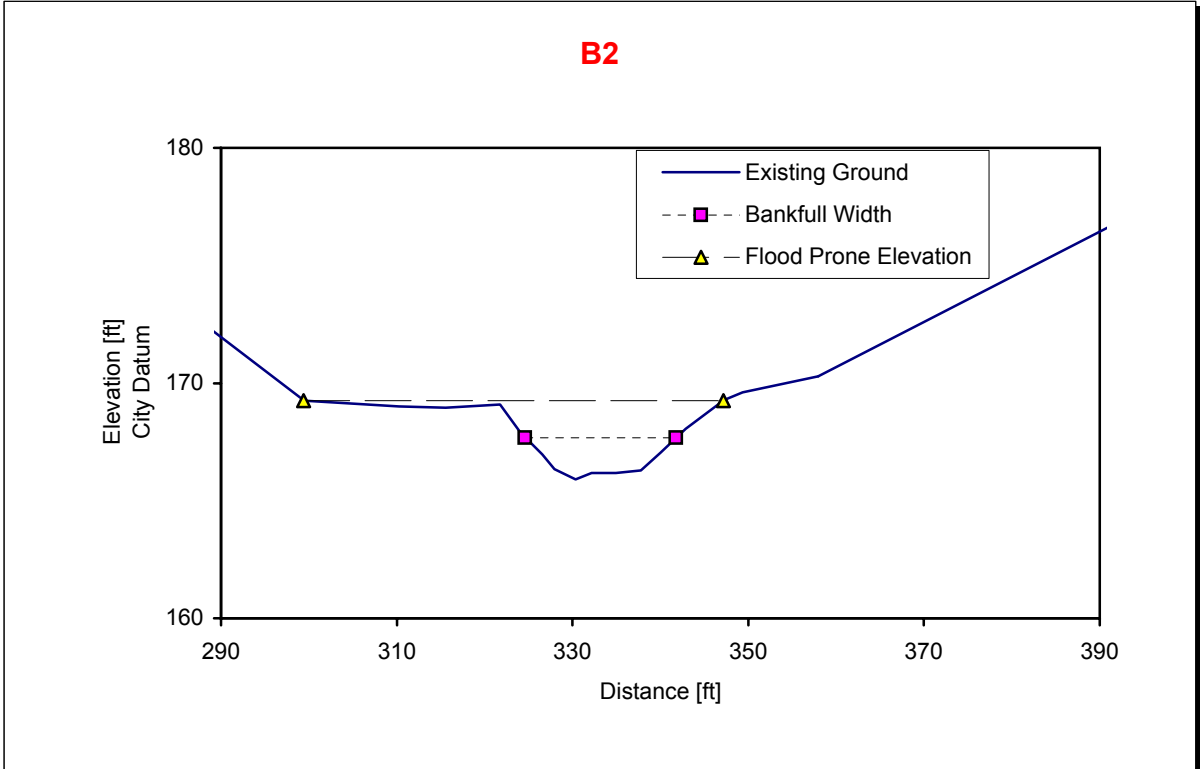


Rosgen Stream Type Classification	
Entrenchment	1.83
Width:Depth	13.83
Sinosity	1.09
Slope	0.0128
D50	128 [mm]
Stream Type	B3c

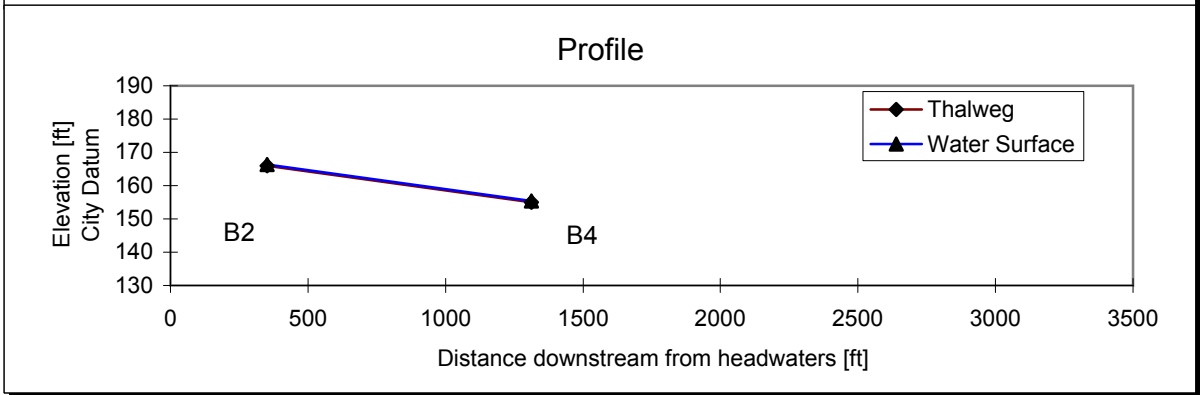
Flow Calculations	
Bankfull Depth	1.49 [ft]
Area	30.80 [sq.ft]
Manning's n	0.0370
Velocity	5.78 [ft/s]
Discharge	177.90 [cfs]
Shear Stress	1.14 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	A
<b>Location:</b>	Cheltenham Township

## B2



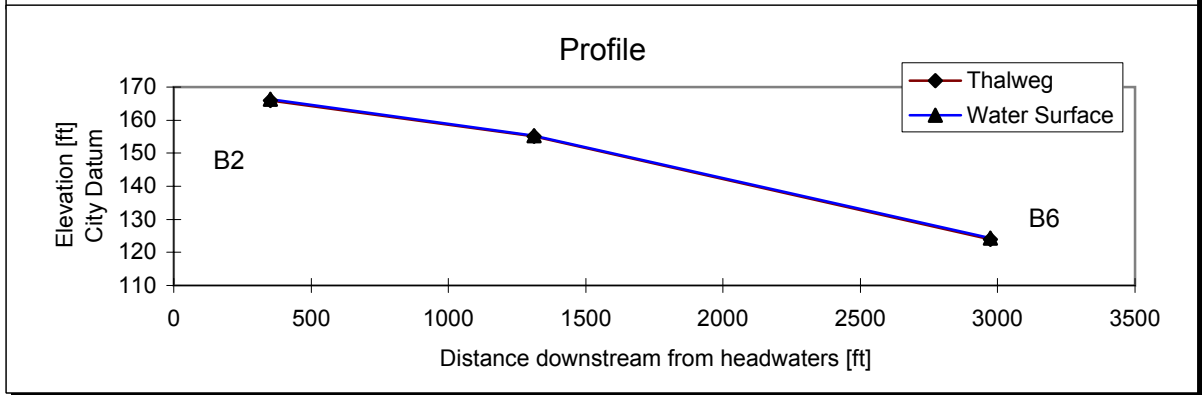
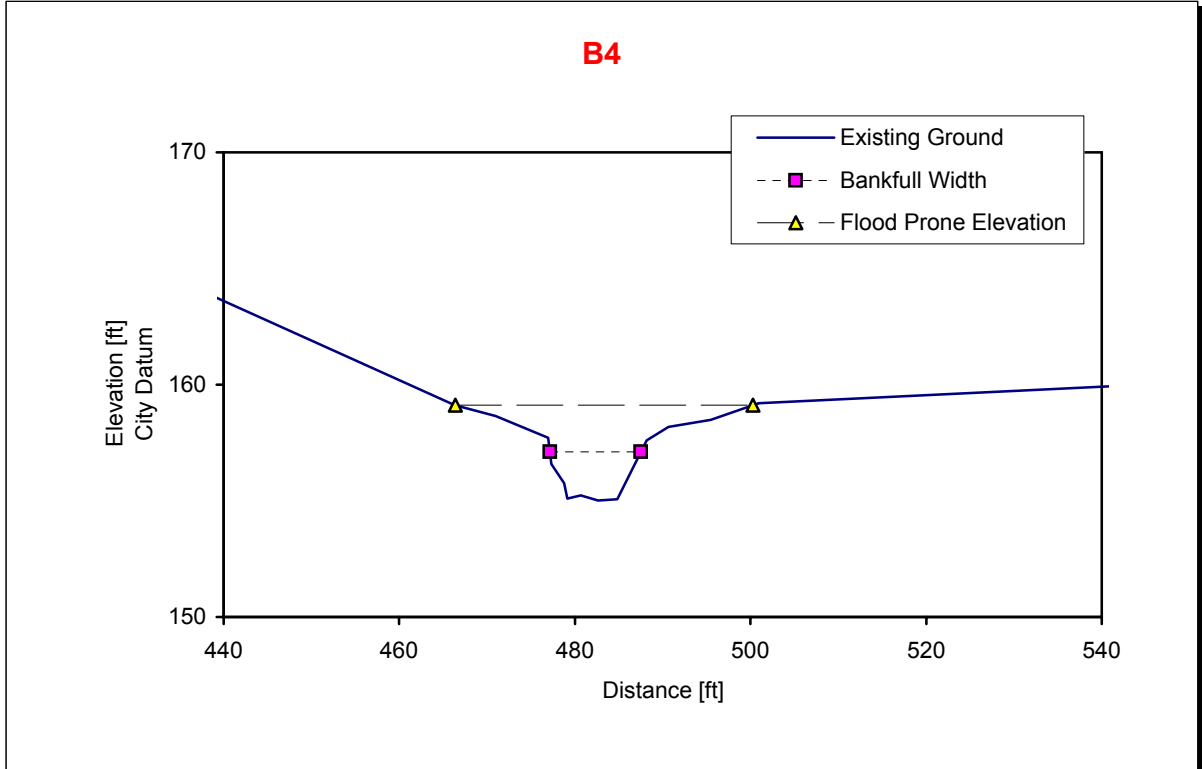
## Profile



Rosgen Stream Type Classification	
Entrenchment	2.77
Width:Depth	14.84
Sinosity	1.07
Slope	0.0114
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	1.16 [ft]
Area	19.99 [sq.ft]
Manning's n	0.0370
Velocity	4.66 [ft/s]
Discharge	93.10 [cfs]
Shear Stress	0.80 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Burholme Creek
<b>Location:</b>	Rockledge Township



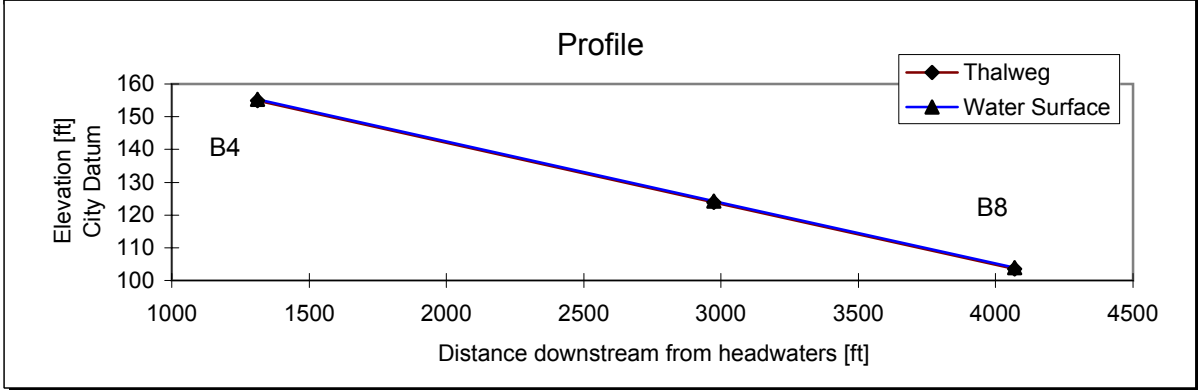
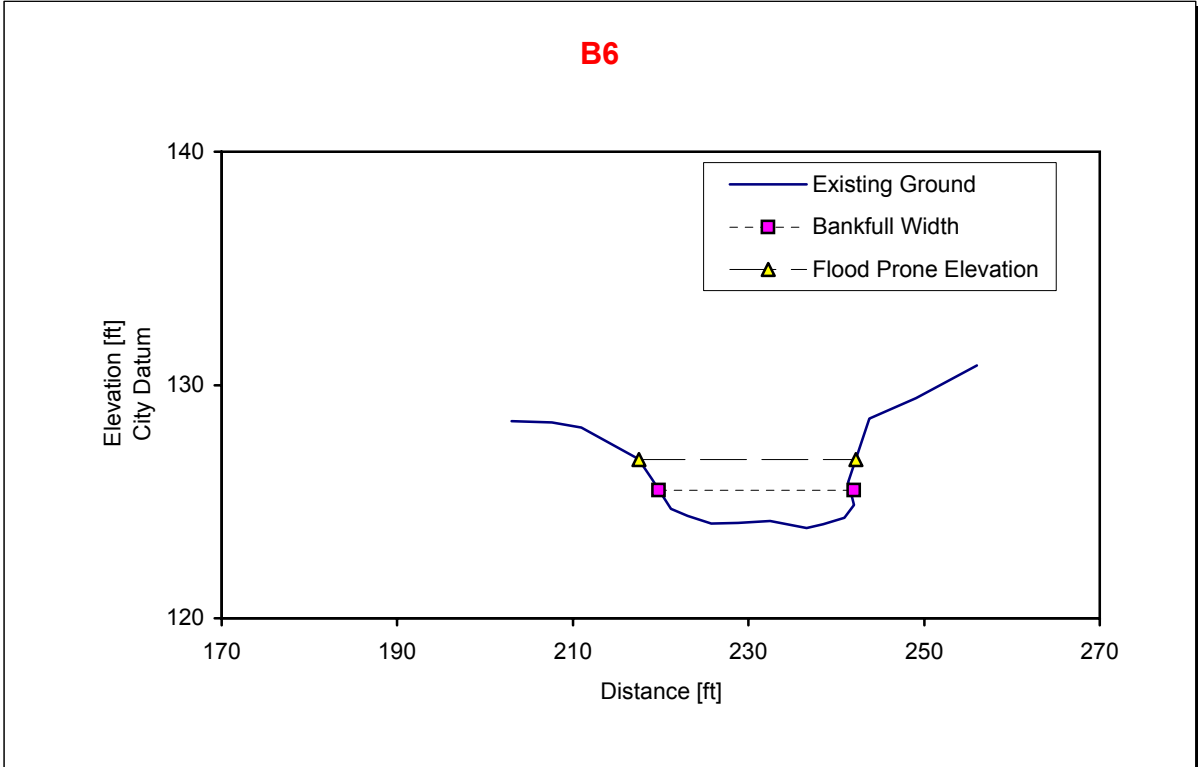
Rosgen Stream Type Classification	
Entrenchment	3.27
Width:Depth	6.65
Sinosity	1.07
Slope	0.0161
D50	90 [mm]
Stream Type	E4

Flow Calculations	
Bankfull Depth	1.56 [ft]
Area	16.15 [sq.ft]
Manning's n	0.0370
Velocity	6.21 [ft/s]
Discharge	100.34 [cfs]
Shear Stress	1.34 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Burholme Creek
<b>Location:</b>	Abington Township



### B6

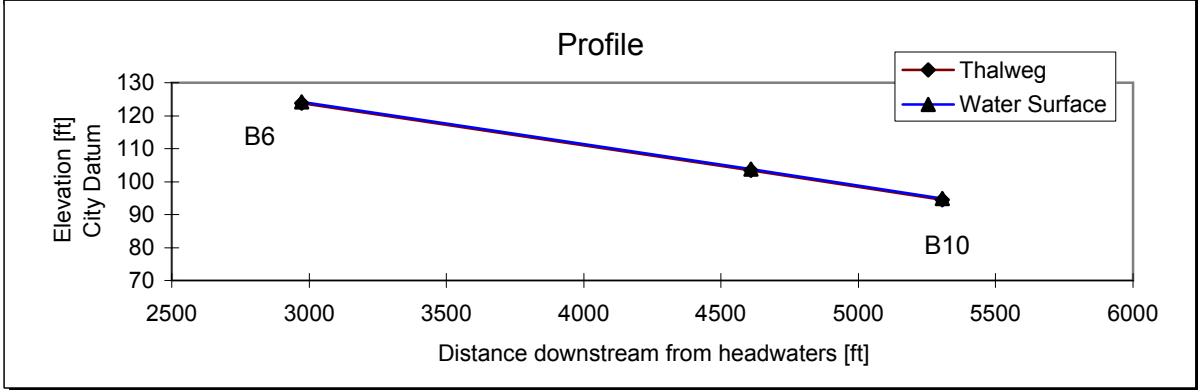
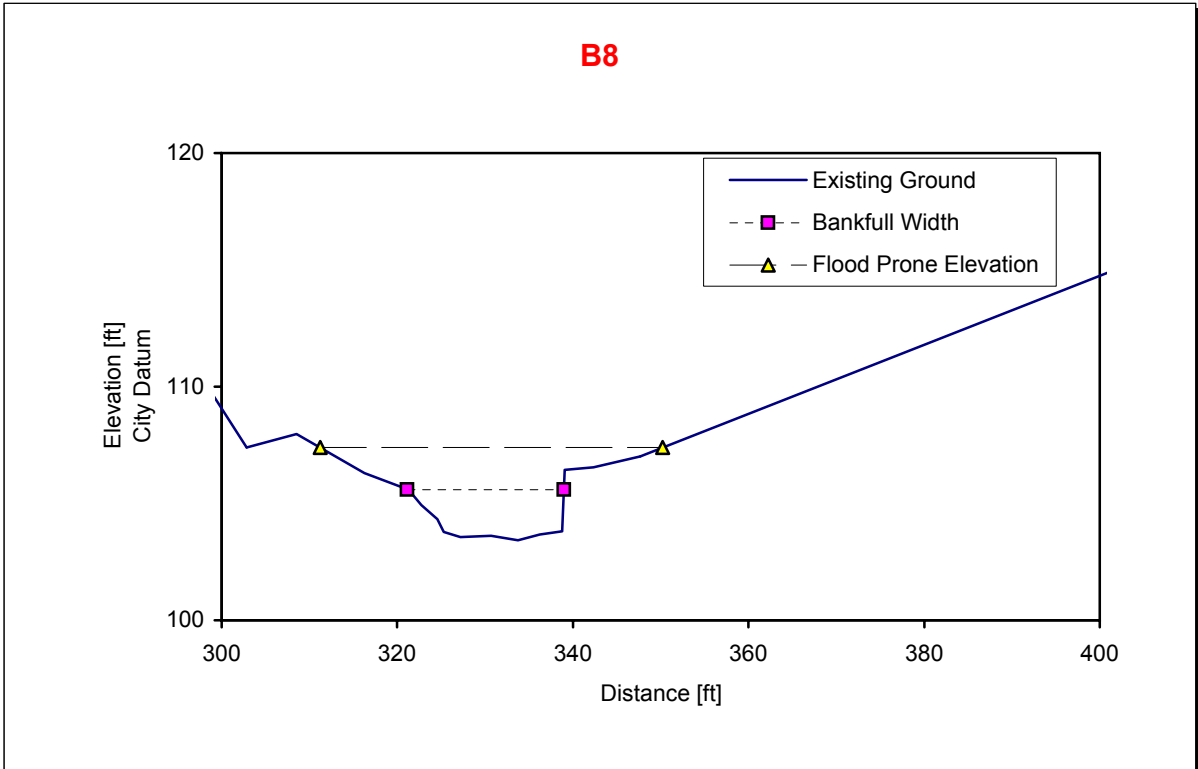


Rosgen Stream Type Classification	
Entrenchment	1.13
Width:Depth	16.80
Sinosity	1.15
Slope	0.0187
D50	128 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	1.30 [ft]
Area	28.27 [sq.ft]
Manning's n	0.0370
Velocity	6.25 [ft/s]
Discharge	176.77 [cfs]
Shear Stress	1.41 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Burholme Creek
<b>Location:</b>	Philadelphia

### B8

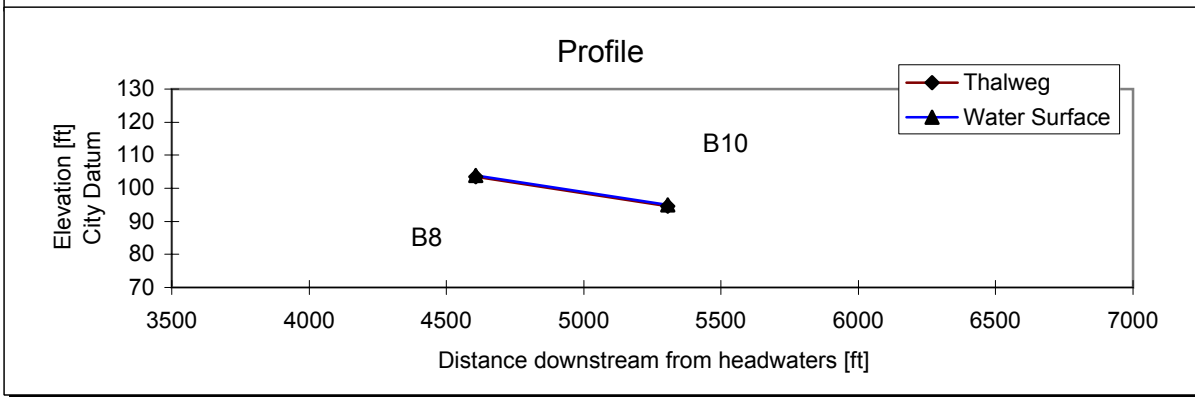
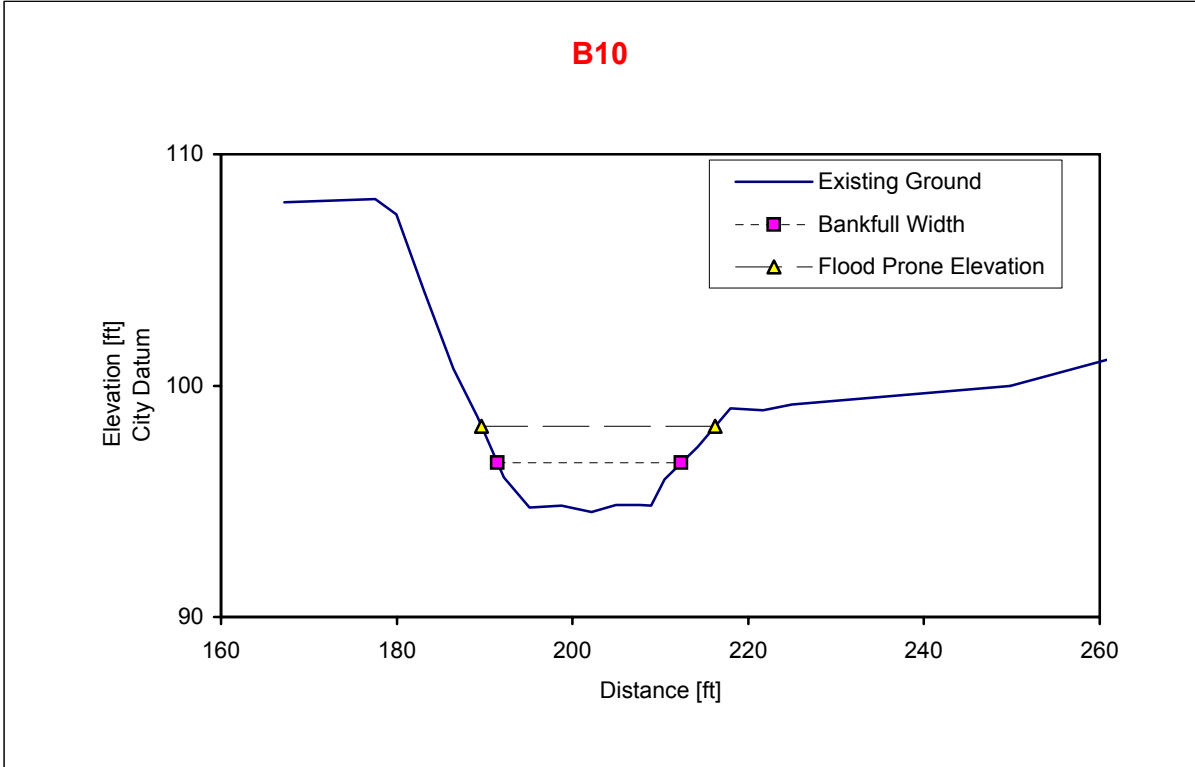


Rosgen Stream Type Classification	
Entrenchment	2.19
Width:Depth	10.46
Sinosity	1.01
Slope	0.0126
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	1.71 [ft]
Area	30.45 [sq.ft]
Manning's n	0.0350
Velocity	6.34 [ft/s]
Discharge	193.14 [cfs]
Shear Stress	1.20 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Burholme Creek
<b>Location:</b>	Cheltenham Township

### B10

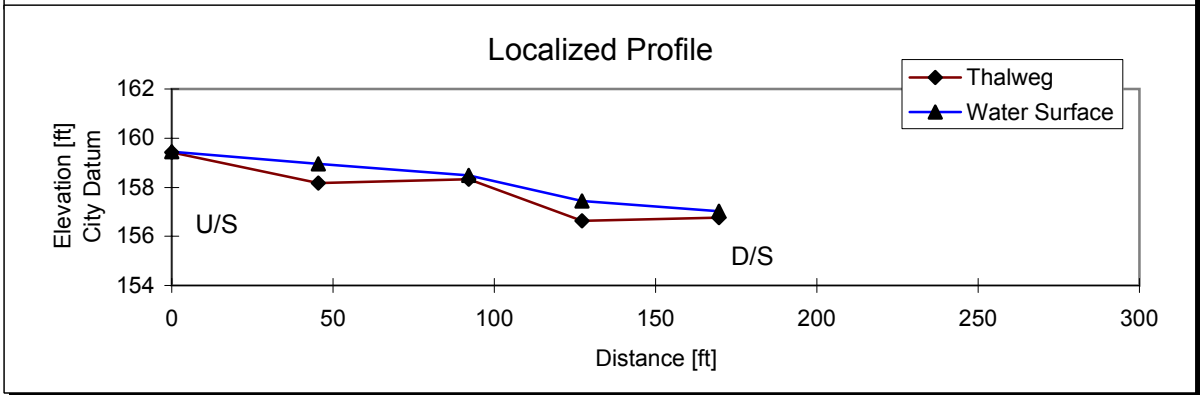
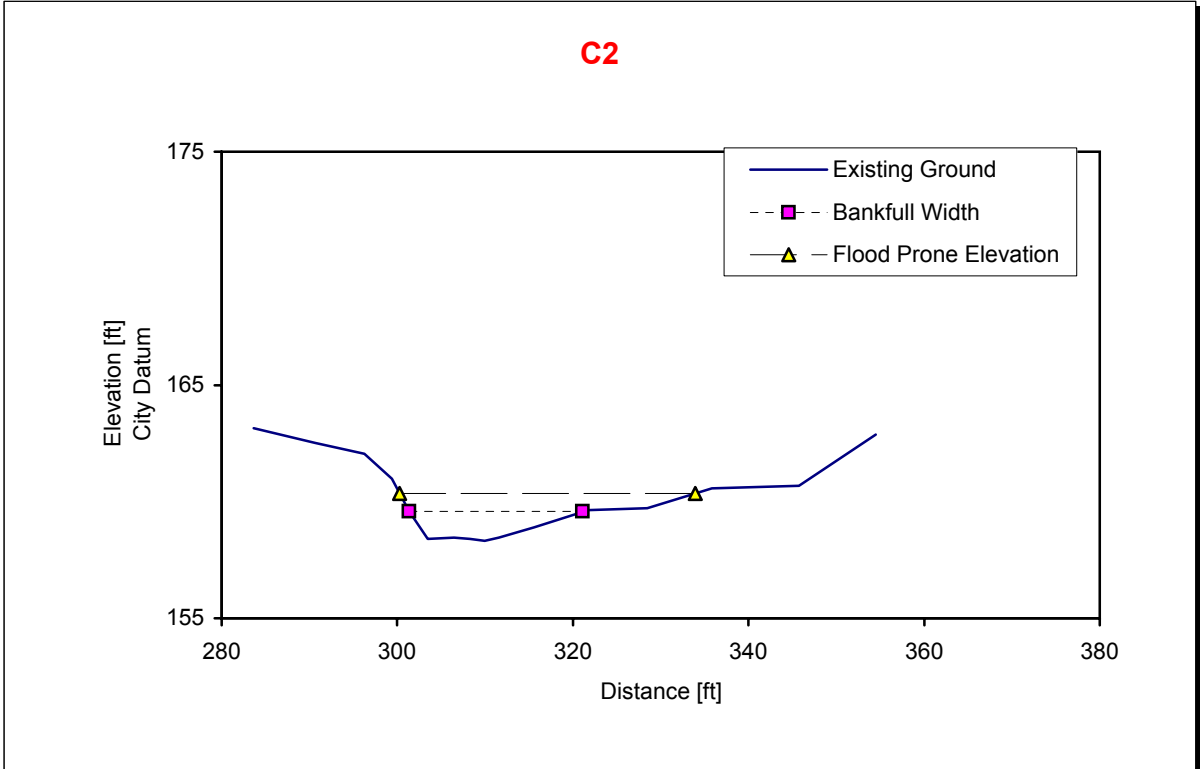


Rosgen Stream Type Classification	
Entrenchment	1.27
Width:Depth	13.28
Sinosity	1.06
Slope	0.0128
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	1.58 [ft]
Area	33.03 [sq.ft]
Manning's n	0.0350
Velocity	6.31 [ft/s]
Discharge	208.29 [cfs]
Shear Stress	1.19 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Burholme Creek
<b>Location:</b>	Cheltenham Township

## C2

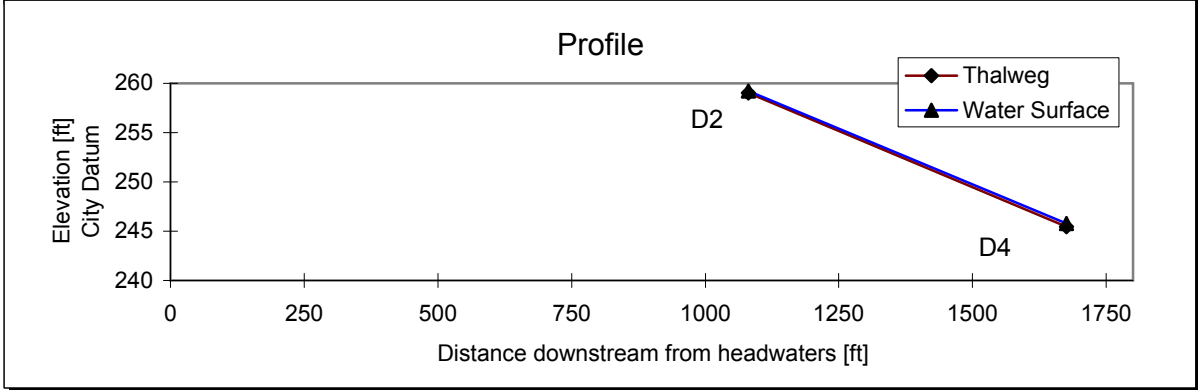
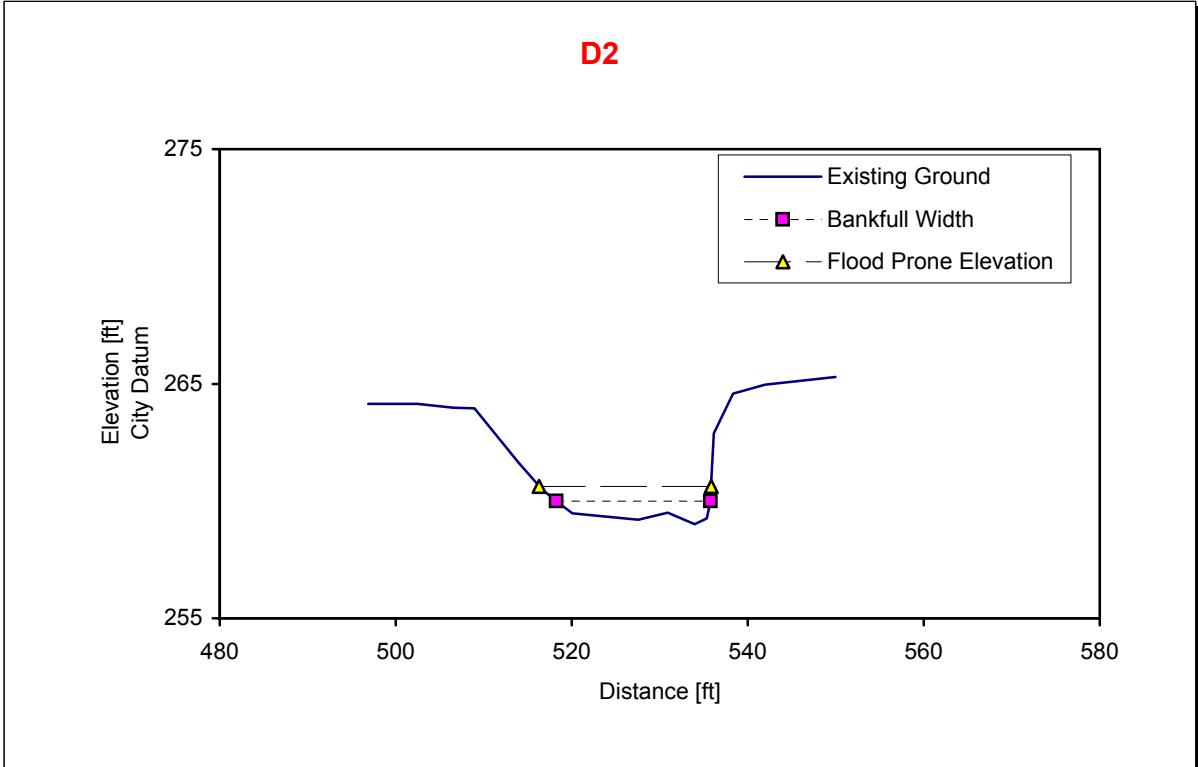


Rosgen Stream Type Classification	
Entrenchment	1.71
Width:Depth	24.40
Sinosity	1.10
Slope	0.0143
D50	22 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	0.81 [ft]
Area	15.97 [sq.ft]
Manning's n	0.0330
Velocity	4.62 [ft/s]
Discharge	73.80 [cfs]
Shear Stress	0.71 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	C
<b>Location:</b>	Abington Township

## D2

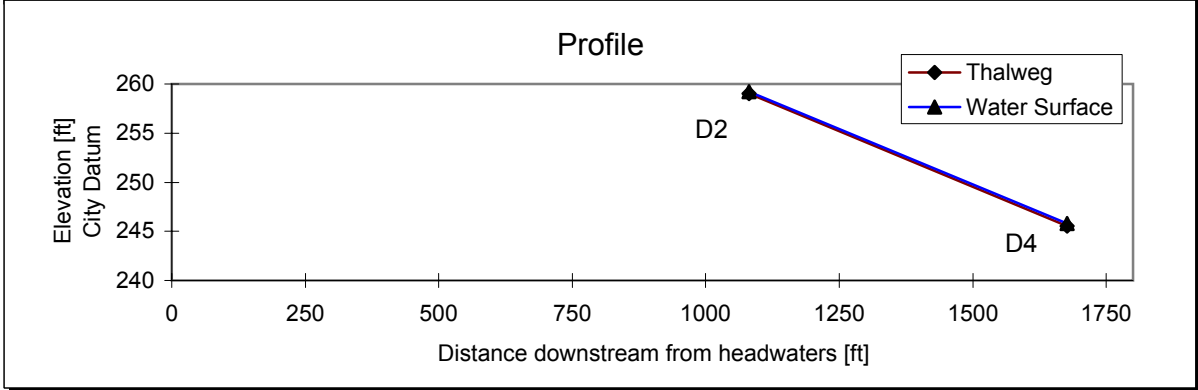
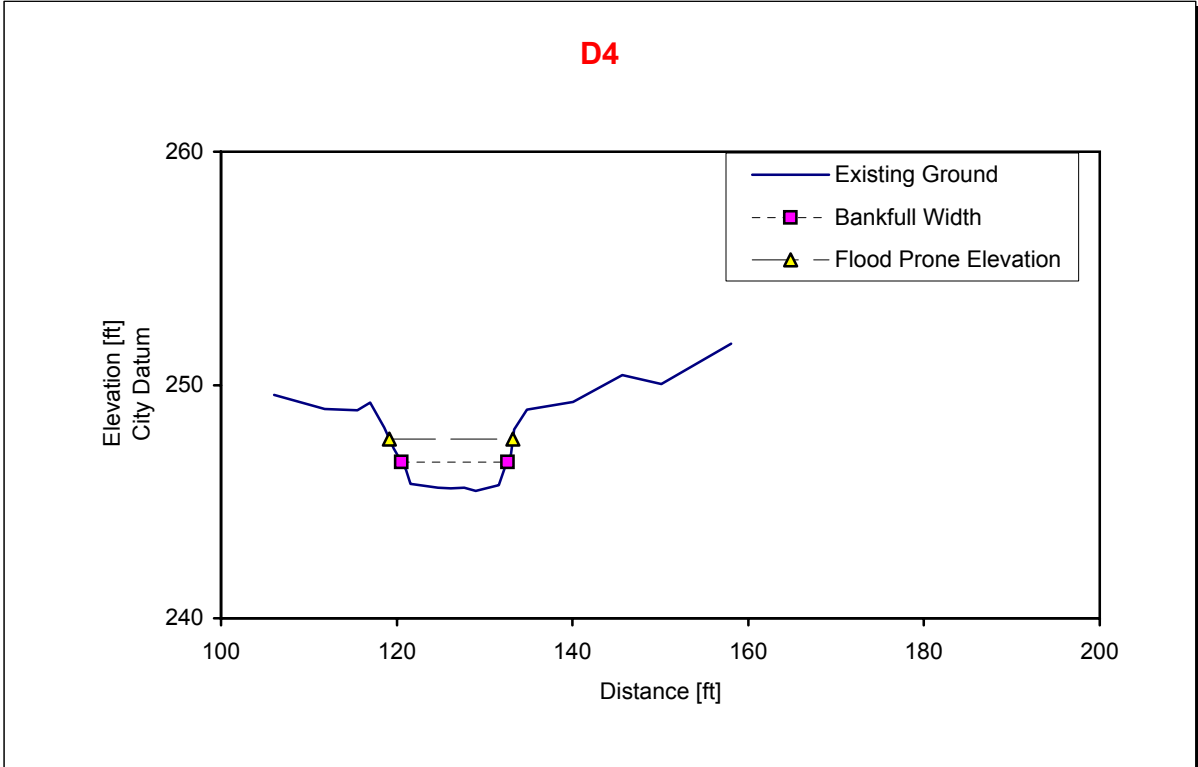


Rosgen Stream Type Classification	
Entrenchment	1.12
Width:Depth	27.24
Sinosity	1.06
Slope	0.0227
D50	64 [mm]
Stream Type	F4b

Flow Calculations	
Bankfull Depth	0.64 [ft]
Area	11.26 [sq.ft]
Manning's n	0.0350
Velocity	4.67 [ft/s]
Discharge	52.54 [cfs]
Shear Stress	0.88 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	D
<b>Location:</b>	Abington Township

### D4

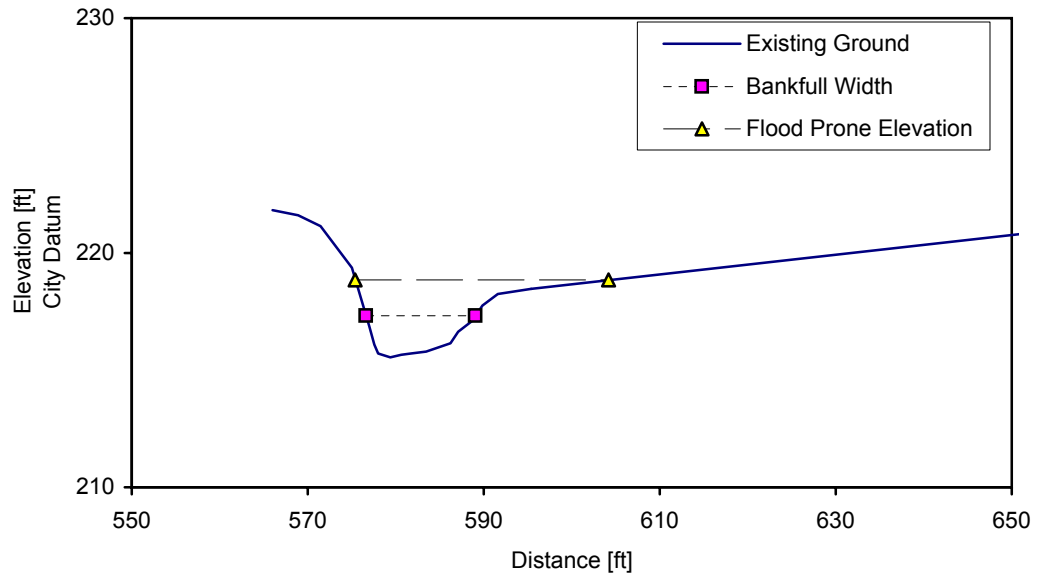


Rosgen Stream Type Classification	
Entrenchment	1.17
Width:Depth	12.28
Sinosity	1.18
Slope	0.0227
D50	64 [mm]
Stream Type	F4b

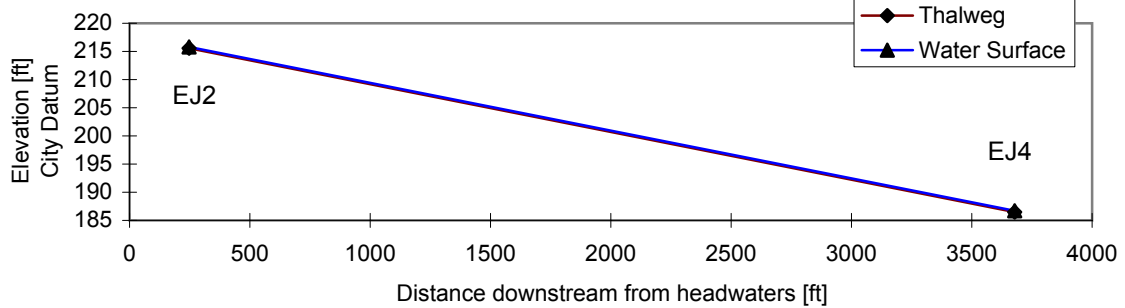
Flow Calculations	
Bankfull Depth	0.98 [ft]
Area	11.81 [sq.ft]
Manning's n	0.0350
Velocity	6.06 [ft/s]
Discharge	71.54 [cfs]
Shear Stress	1.30 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	D
<b>Location:</b>	Abington Township

## EJ2



## Profile



### Rosgen Stream Type Classification

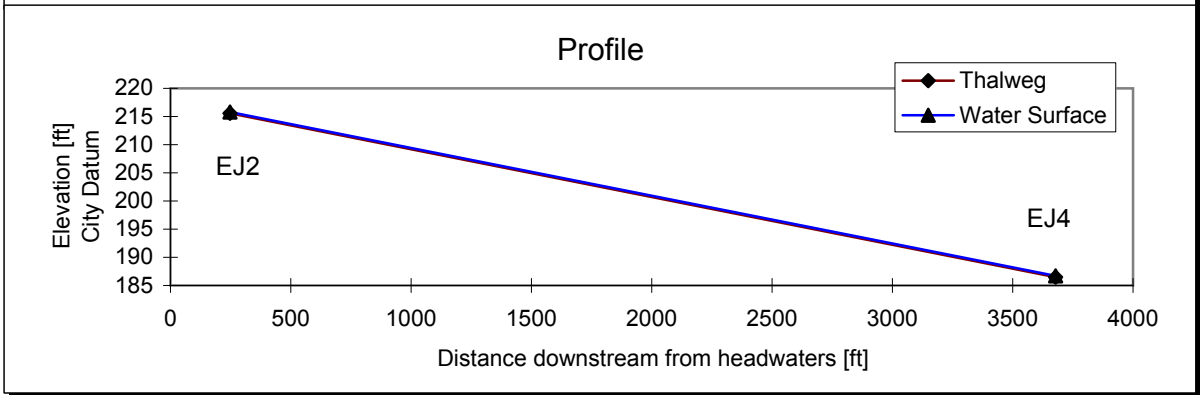
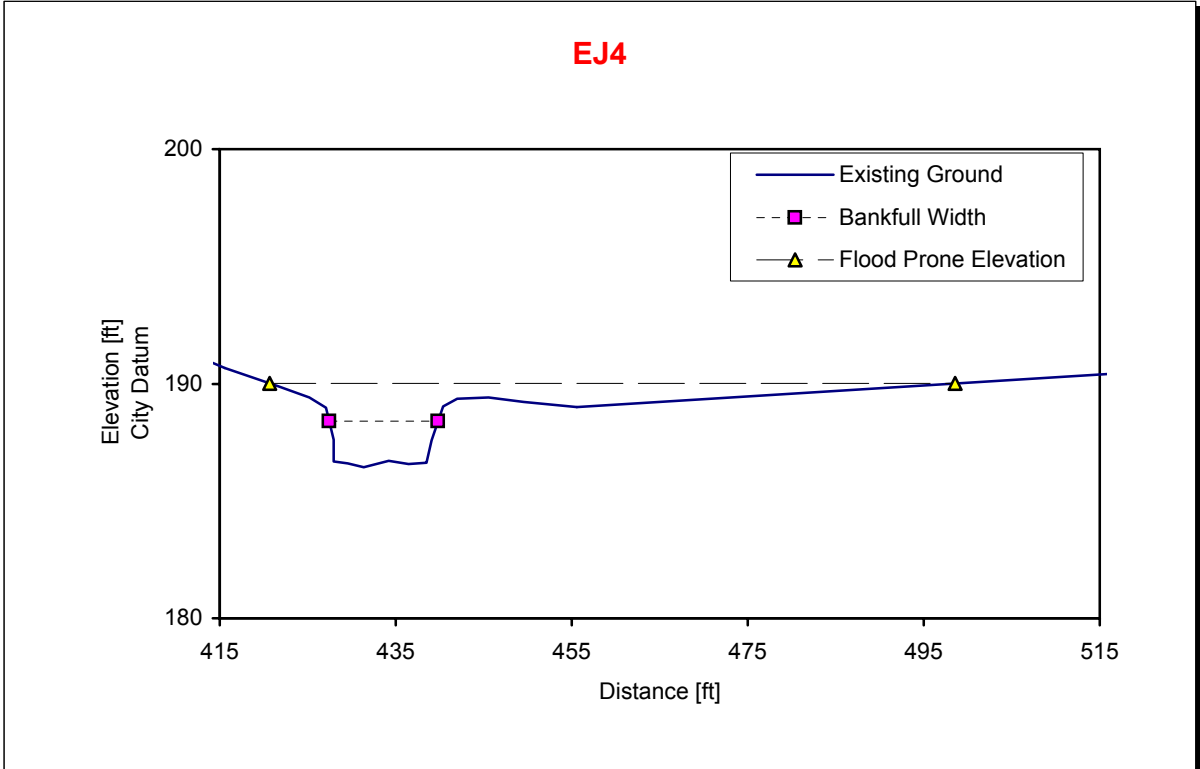
<b>Entrenchment</b>	2.32
<b>Width:Depth</b>	10.07
<b>Sinosity</b>	1.09
<b>Slope</b>	0.0085
<b>D50</b>	22 [mm]
<b>Stream Type</b>	C4c-

### Flow Calculations

<b>Bankfull Depth</b>	1.23 [ft]
<b>Area</b>	15.29 [sq.ft]
<b>Manning's n</b>	0.0350
<b>Velocity</b>	4.27 [ft/s]
<b>Discharge</b>	65.32 [cfs]
<b>Shear Stress</b>	0.60 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	East Branch Jenkintown Creek
<b>Location:</b>	Cheltenham Township

### EJ4



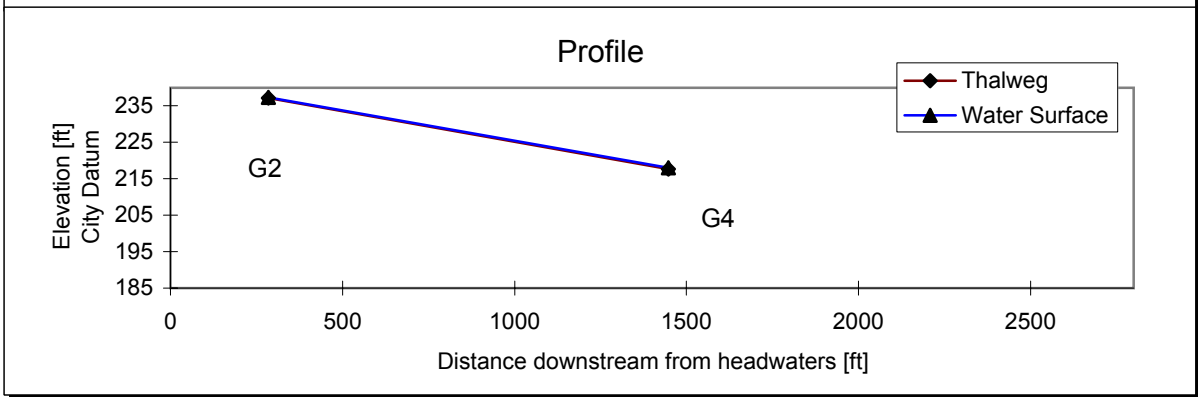
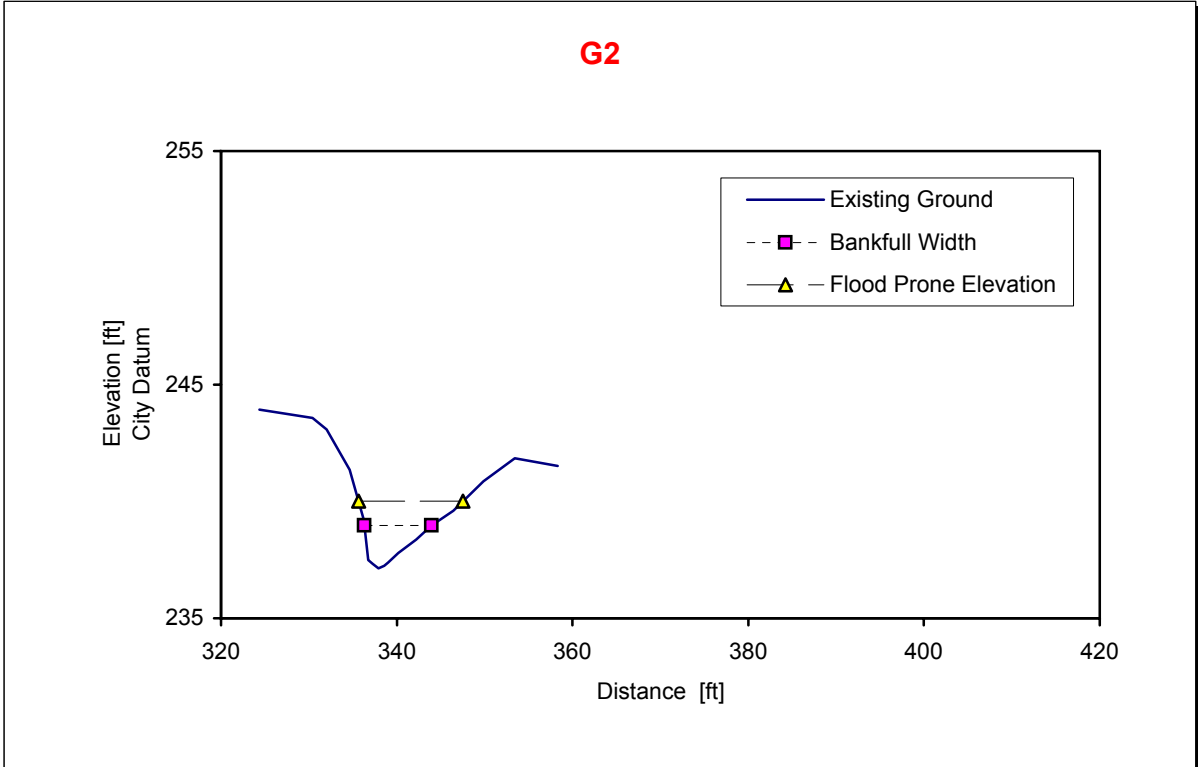
Rosgen Stream Type Classification	
Entrenchment	6.30
Width:Depth	7.54
Sinosity	1.05
Slope	0.0085
D50	64 [mm]
Stream Type	E4

Flow Calculations	
Bankfull Depth	1.64 [ft]
Area	20.24 [sq.ft]
Manning's n	0.0350
Velocity	4.87 [ft/s]
Discharge	98.51 [cfs]
Shear Stress	0.73 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	East Branch Jenkintown Creek
<b>Location:</b>	Cheltenham Township



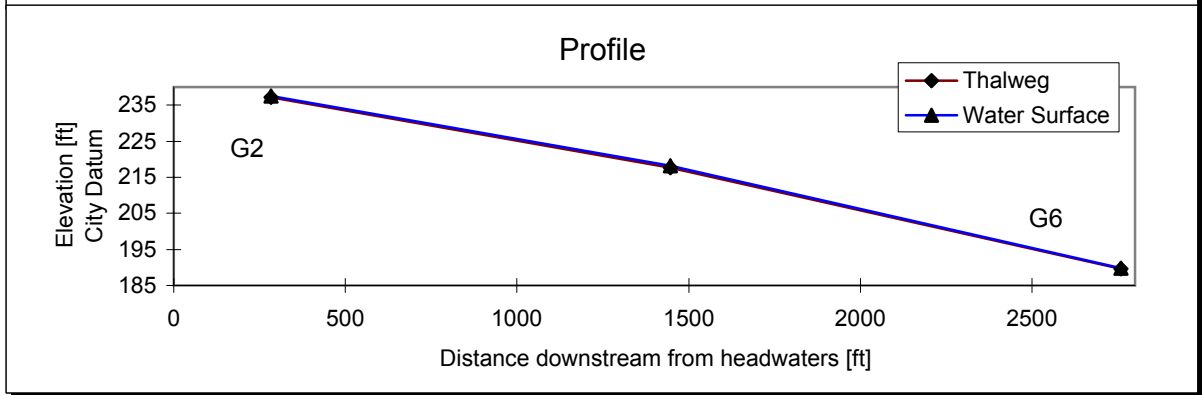
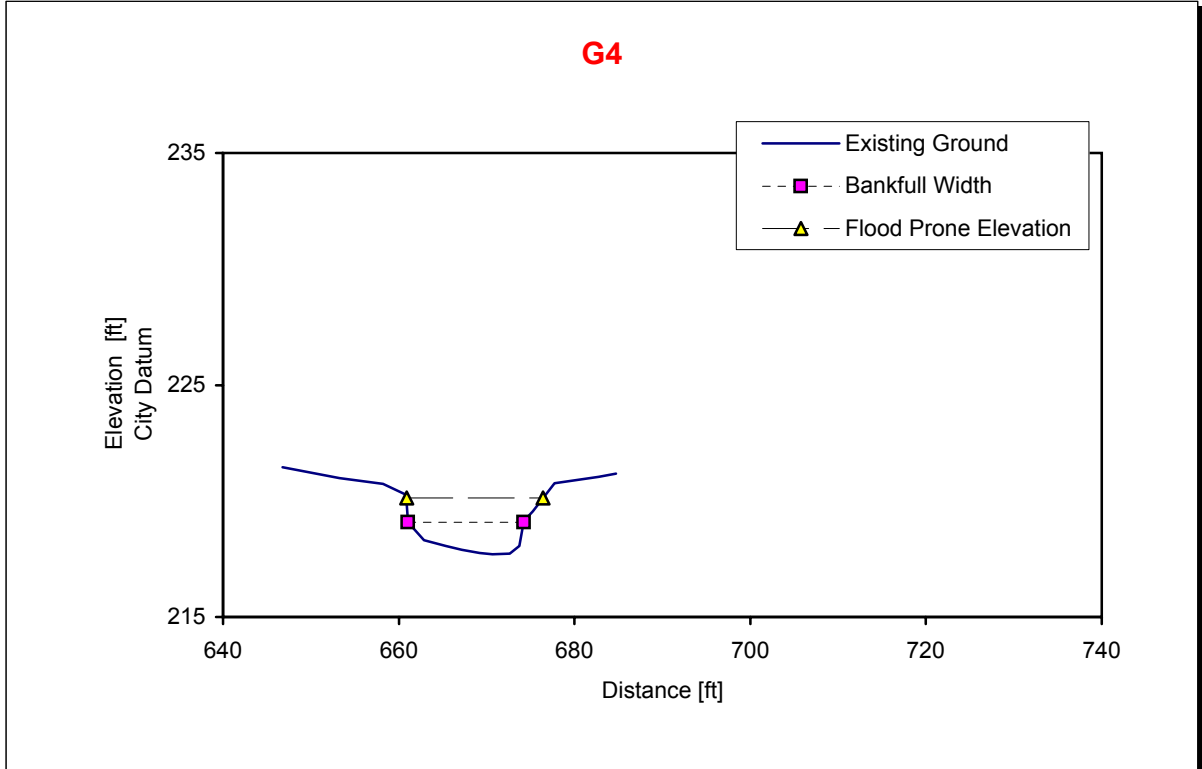
## G2



Rosgen Stream Type Classification	
Entrenchment	1.56
Width:Depth	7.24
Sinuousity	1.18
Slope	0.0166
D50	22 [mm]
Stream Type	G4c

Flow Calculations	
Bankfull Depth	1.05 [ft]
Area	8.02 [sq.ft]
Manning's n	0.0350
Velocity	5.06 [ft/s]
Discharge	40.63 [cfs]
Shear Stress	0.92 [lb/sq.ft]

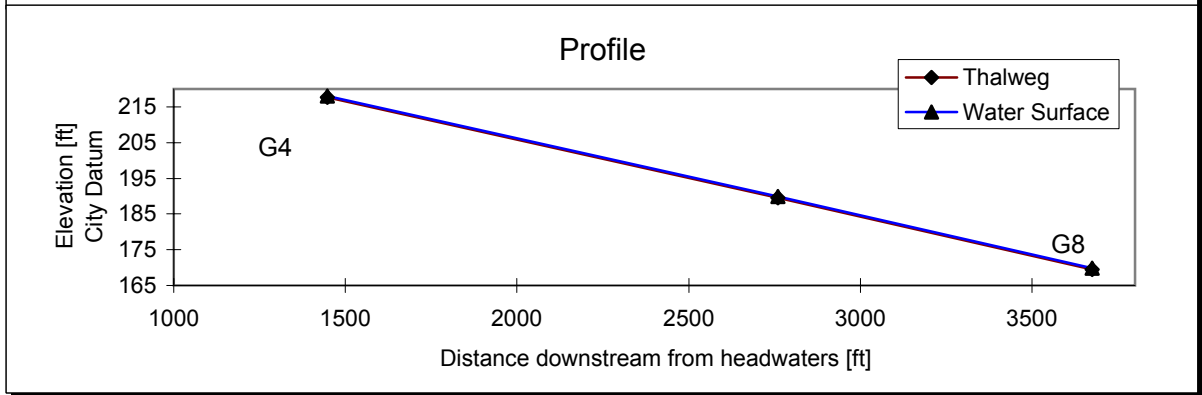
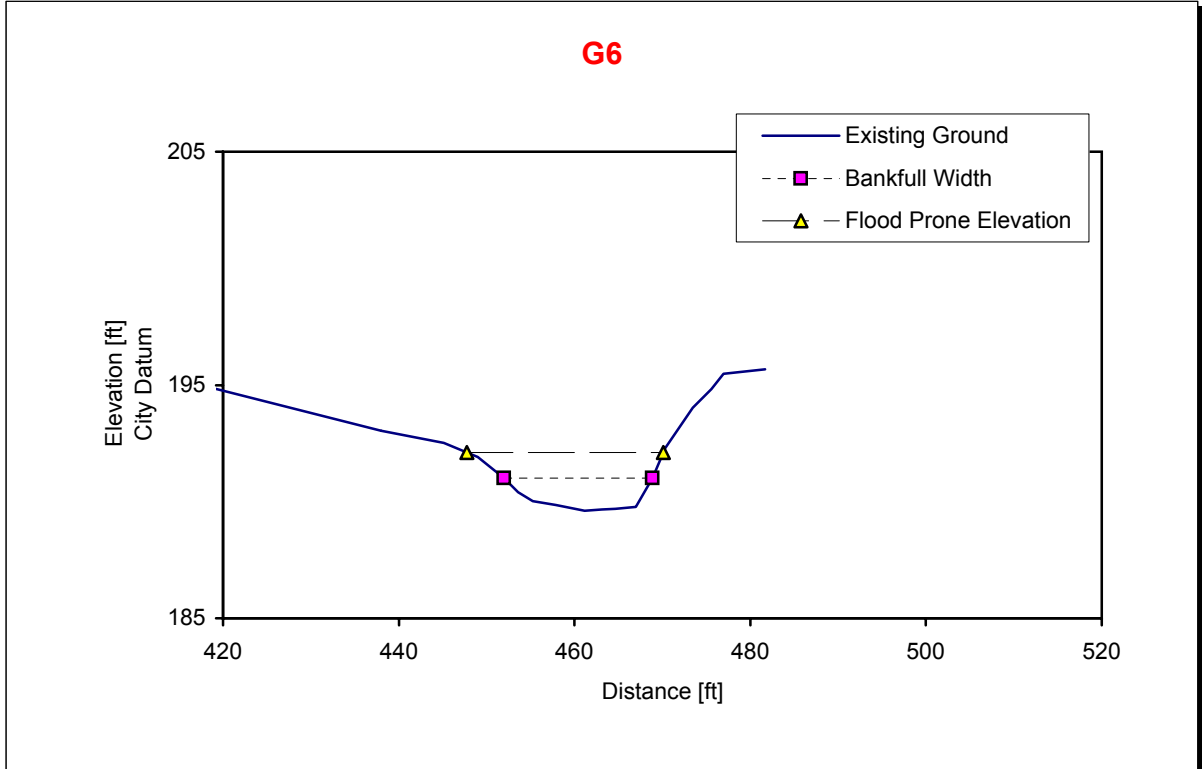
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	G
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	1.18
Width:Depth	12.81
Sinosity	1.04
Slope	0.0192
D50	128 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	1.03 [ft]
Area	13.54 [sq.ft]
Manning's n	0.0370
Velocity	5.45 [ft/s]
Discharge	73.77 [cfs]
Shear Stress	1.16 [lb/sq.ft]

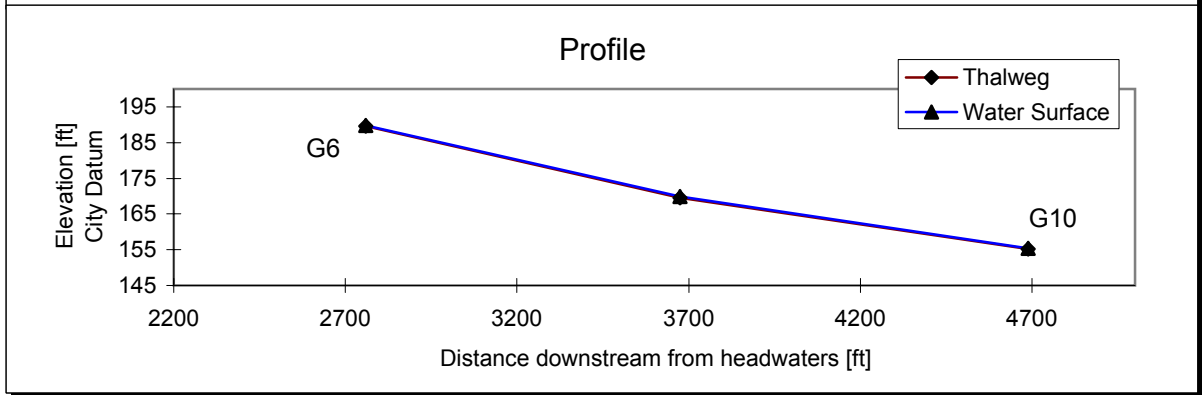
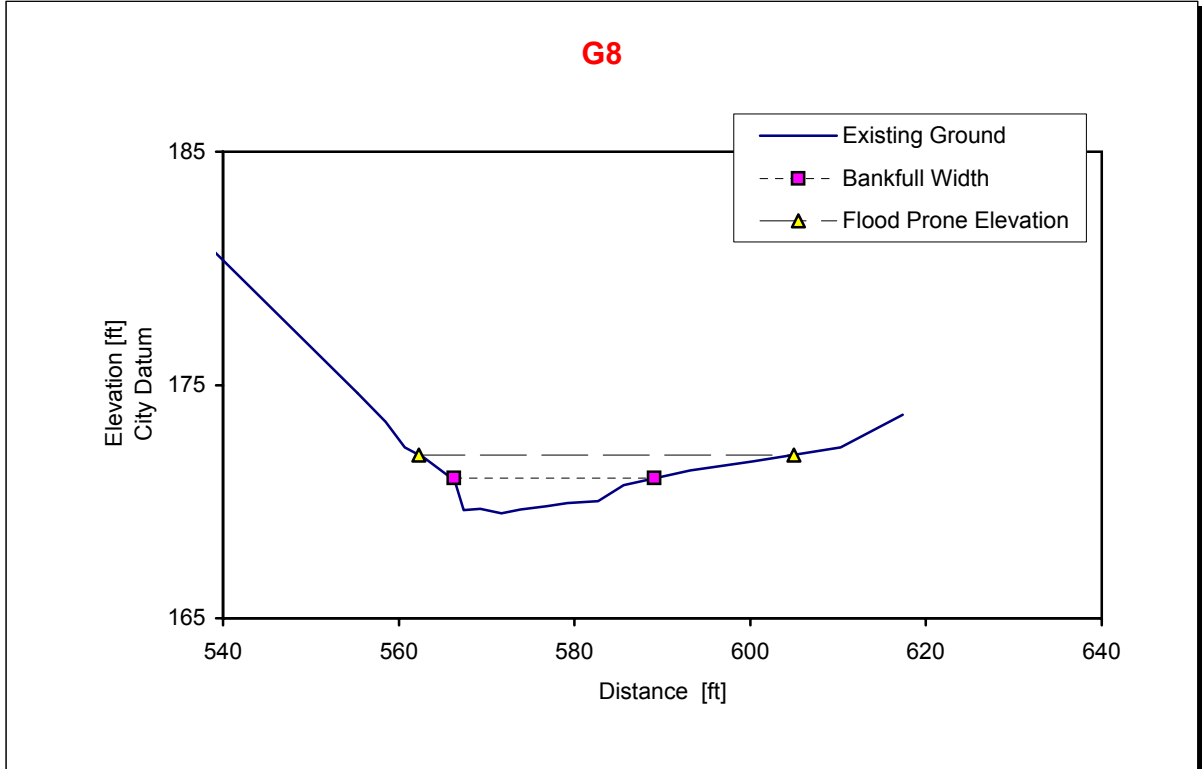
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	G
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	1.33
Width:Depth	16.01
Sinosity	1.05
Slope	0.0217
D50	128 [mm]
Stream Type	F3b

Flow Calculations	
Bankfull Depth	1.06 [ft]
Area	17.83 [sq.ft]
Manning's n	0.0370
Velocity	6.02 [ft/s]
Discharge	107.29 [cfs]
Shear Stress	1.38 [lb/sq.ft]

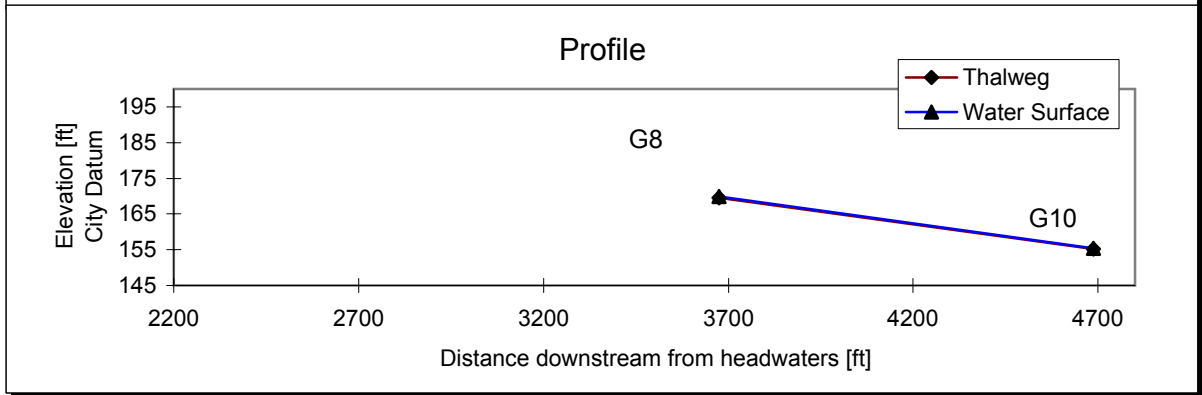
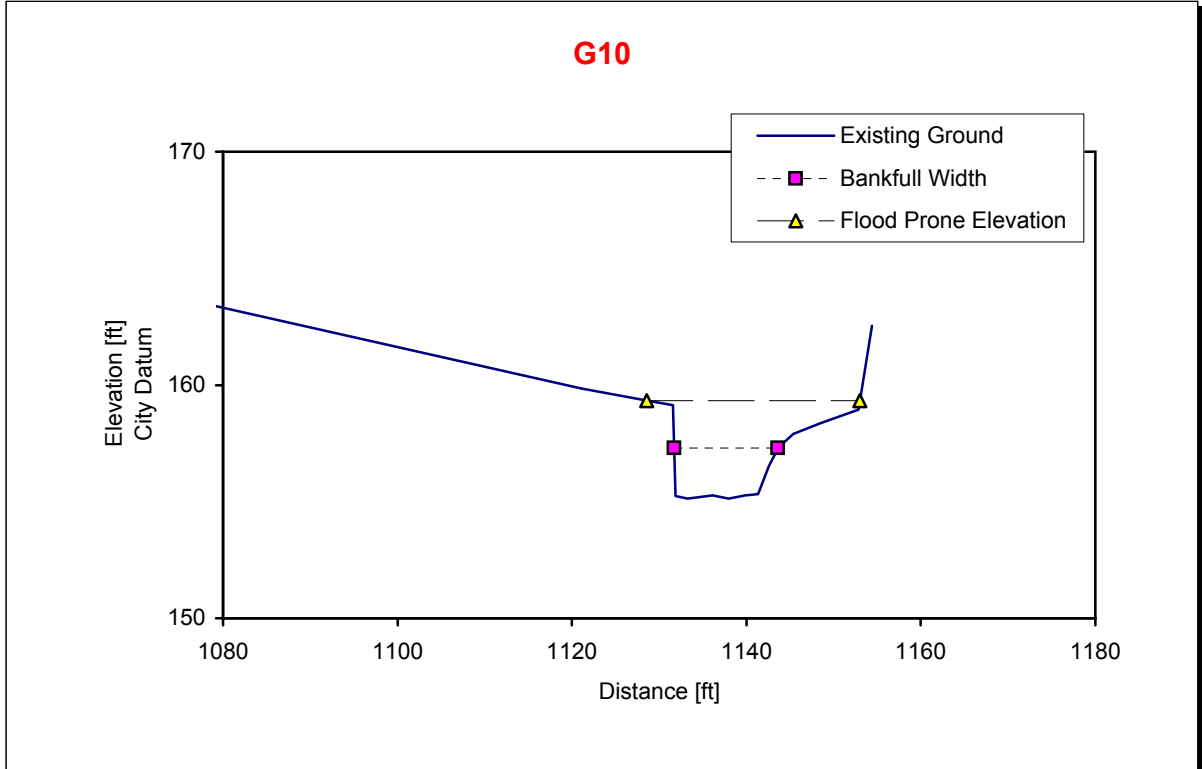
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	G
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.85
Width:Depth	23.97
Sinosity	1.06
Slope	0.0179
D50	32 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	0.96 [ft]
Area	22.10 [sq.ft]
Manning's n	0.0350
Velocity	5.43 [ft/s]
Discharge	119.94 [cfs]
Shear Stress	1.04 [lb/sq.ft]

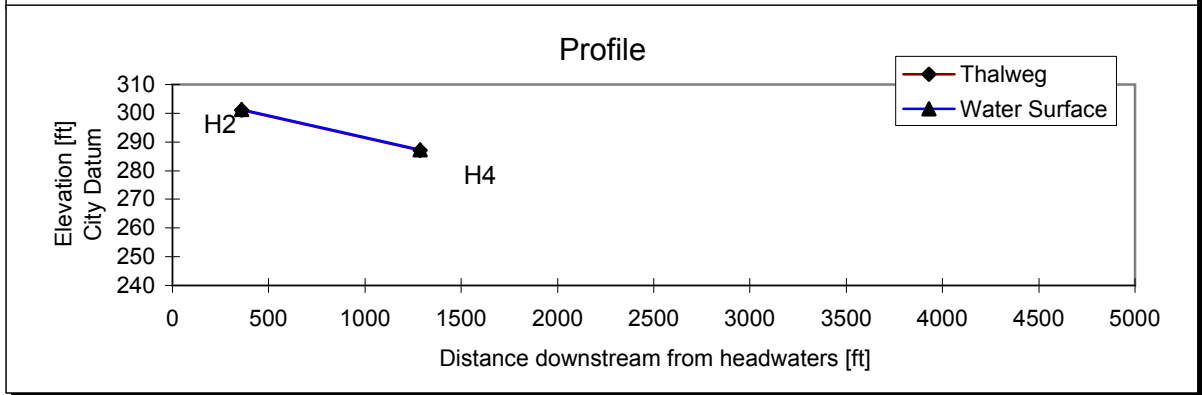
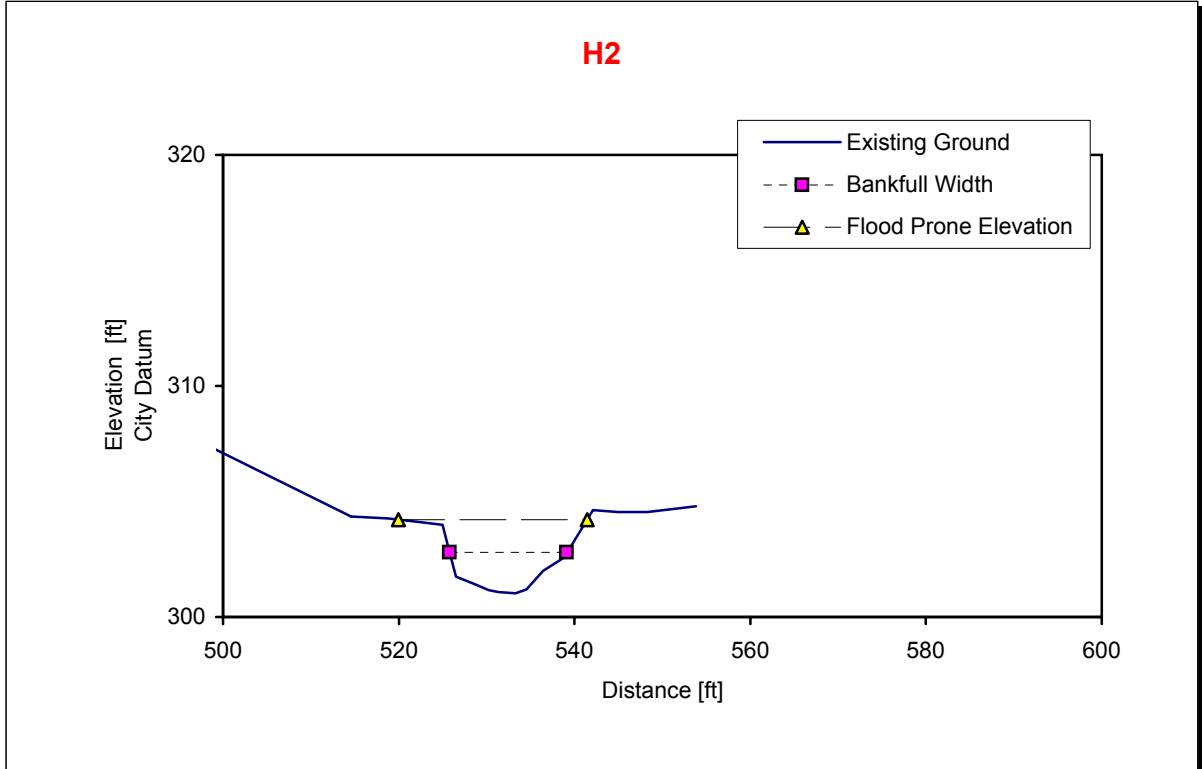
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	G
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	2.05
Width:Depth	6.46
Sinosity	1.03
Slope	0.0143
D50	64 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	1.85 [ft]
Area	22.03 [sq.ft]
Manning's n	0.0350
Velocity	6.69 [ft/s]
Discharge	147.44 [cfs]
Shear Stress	1.34 [lb/sq.ft]

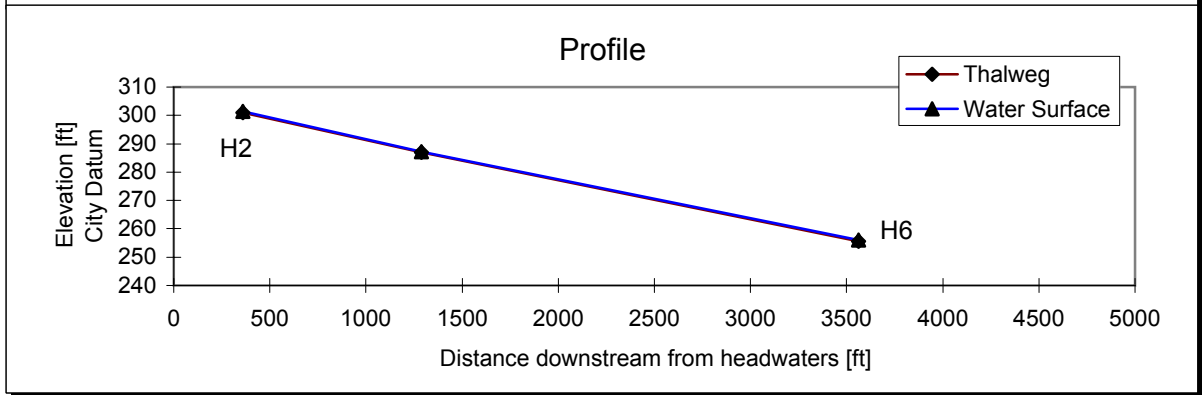
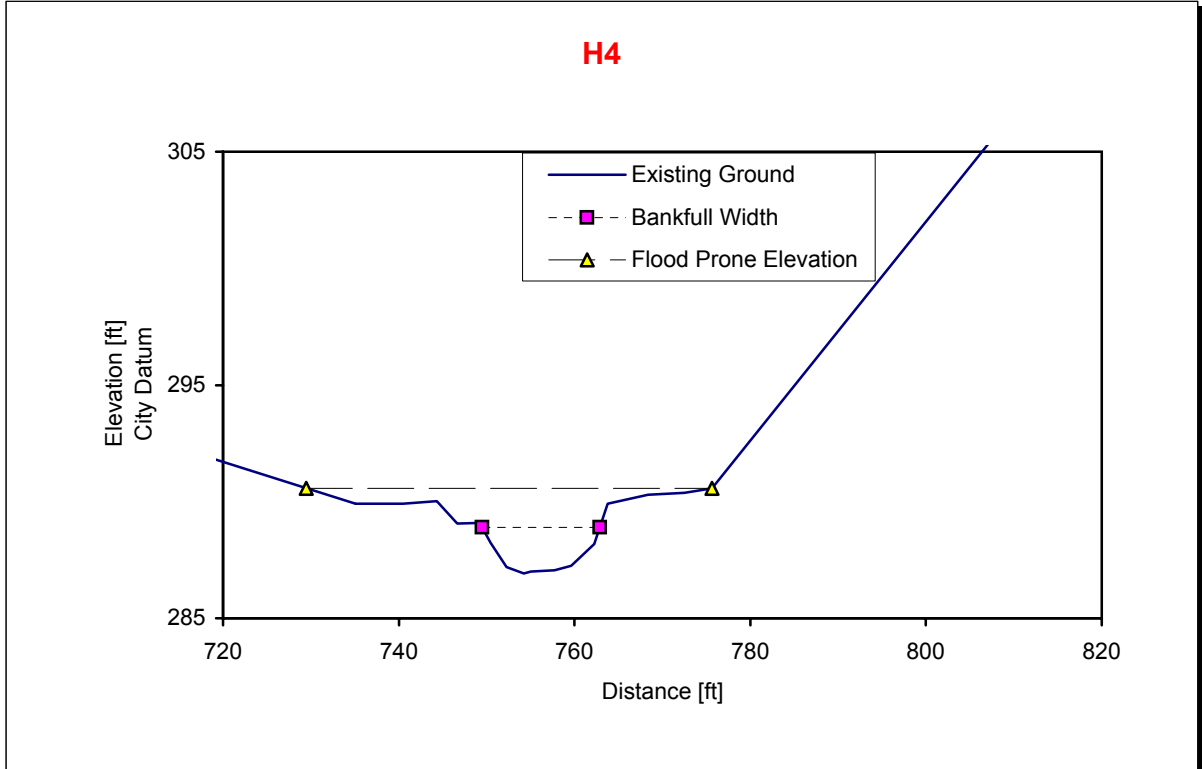
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	G
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.61
Width:Depth	11.03
Sinosity	1.02
Slope	0.0153
D50	32 [mm]
Stream Type	G4c

Flow Calculations	
Bankfull Depth	1.21 [ft]
Area	16.10 [sq.ft]
Manning's n	0.0350
Velocity	5.71 [ft/s]
Discharge	91.93 [cfs]
Shear Stress	1.08 [lb/sq.ft]

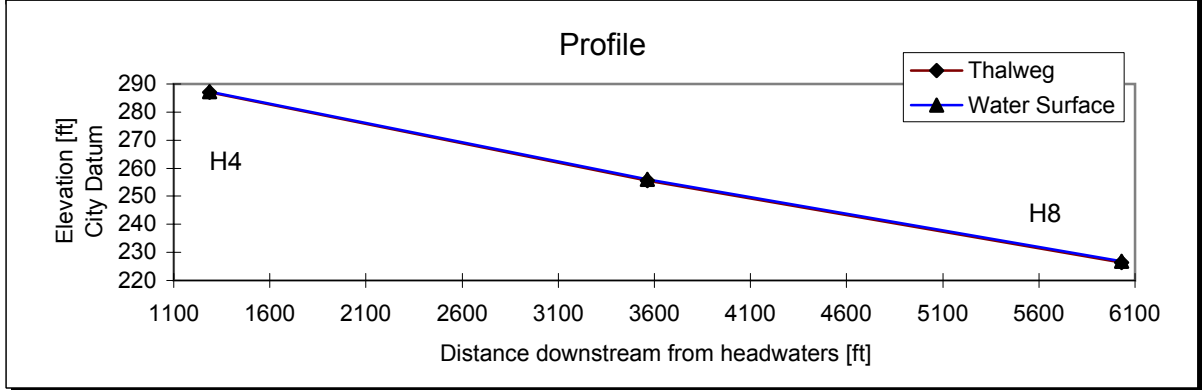
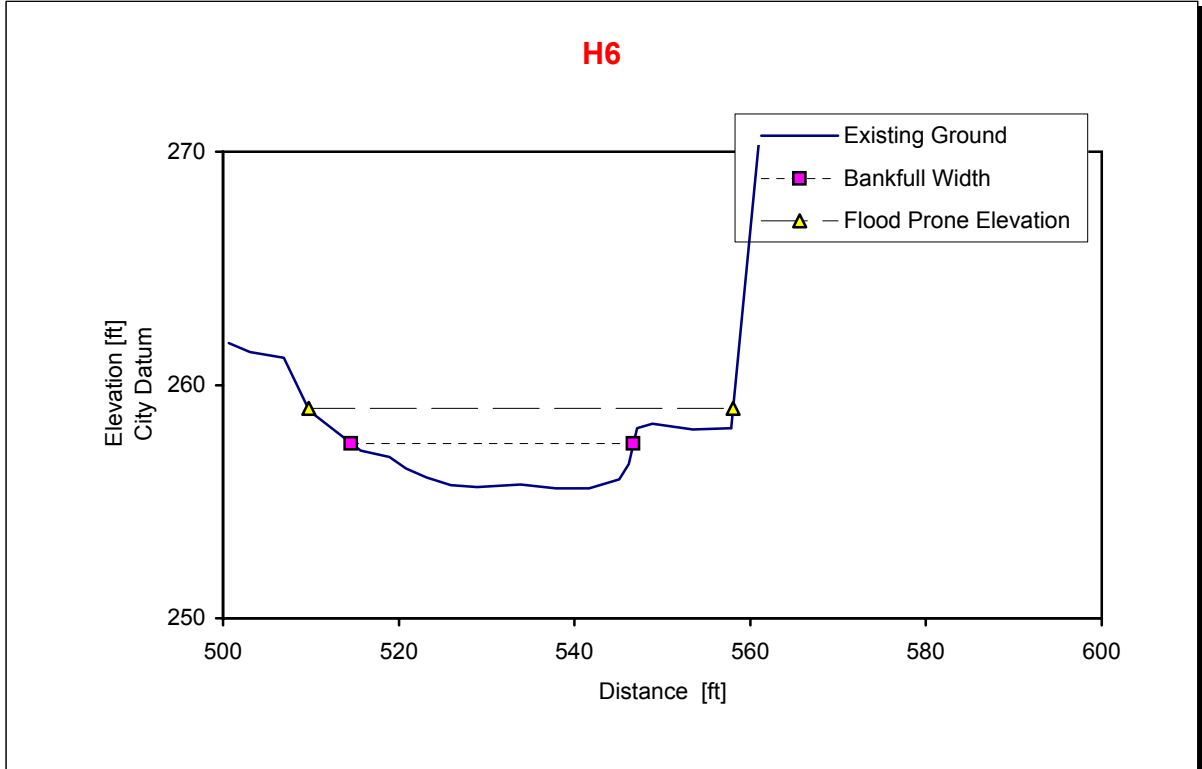
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	3.45
Width:Depth	9.19
Sinosity	1.05
Slope	0.0142
D50	45 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	1.45 [ft]
Area	19.43 [sq.ft]
Manning's n	0.0350
Velocity	6.20 [ft/s]
Discharge	120.45 [cfs]
Shear Stress	1.20 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township

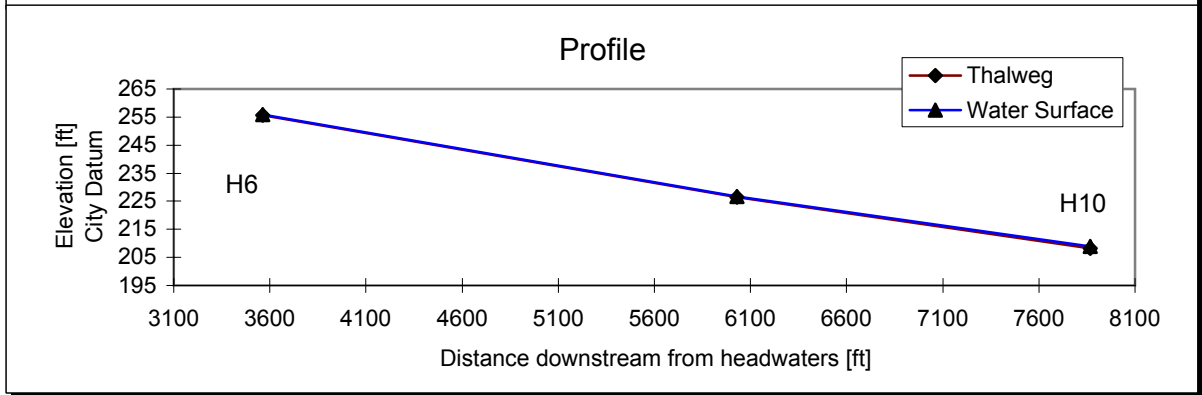
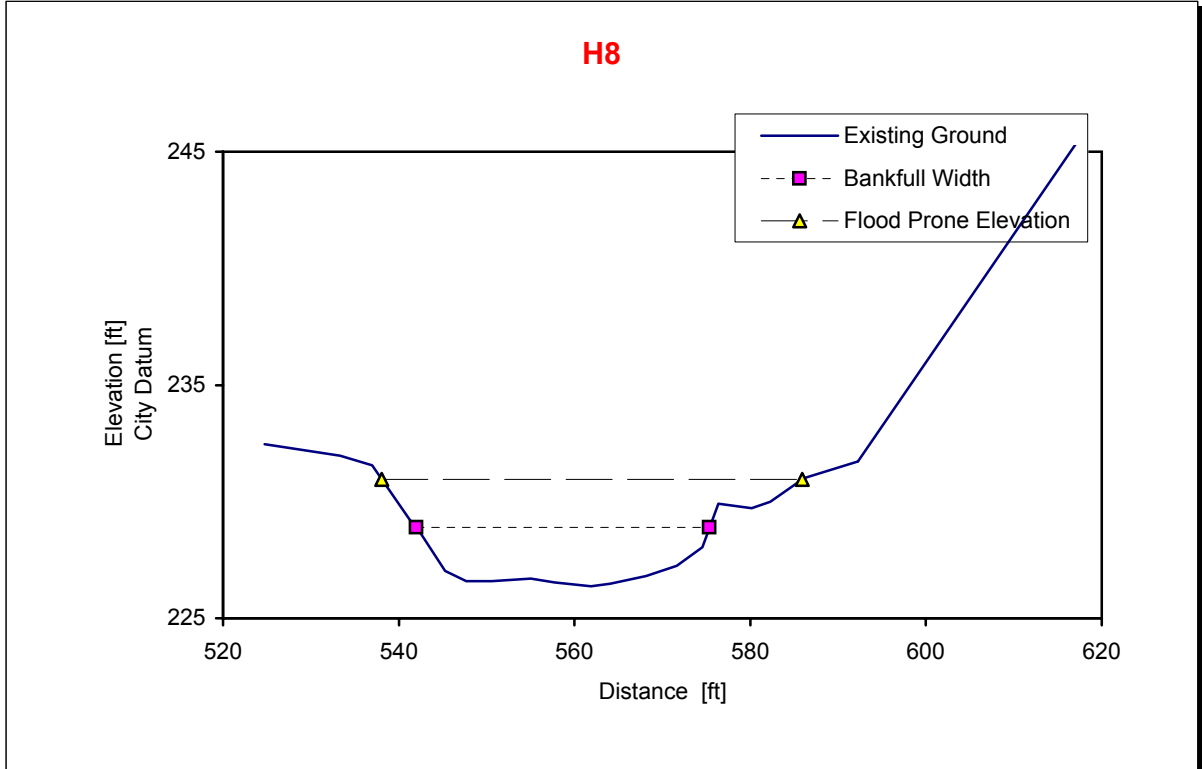


Rosgen Stream Type Classification	
Entrenchment	1.50
Width:Depth	21.82
Sinosity	1.13
Slope	0.0127
D50	90 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	1.47 [ft]
Area	47.38 [sq.ft]
Manning's n	0.0350
Velocity	6.12 [ft/s]
Discharge	289.81 [cfs]
Shear Stress	1.14 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township

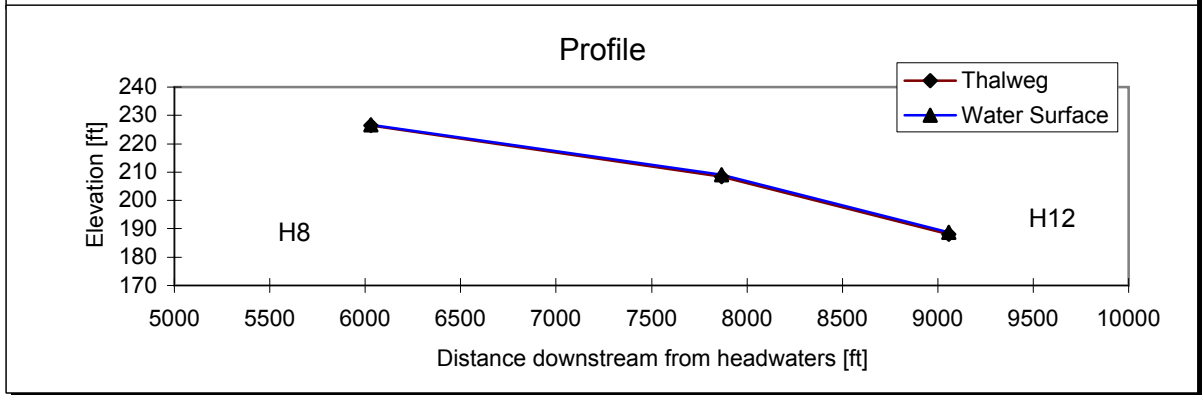
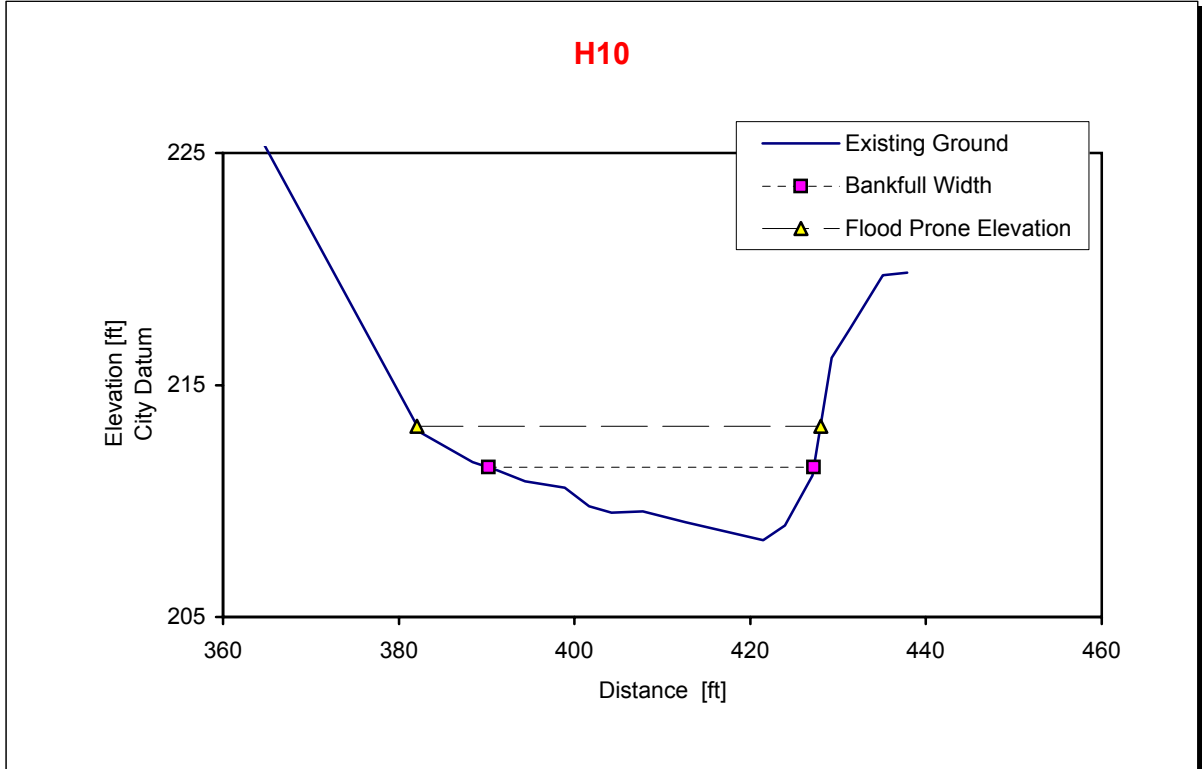




Rosgen Stream Type Classification	
Entrenchment	1.43
Width:Depth	16.84
Sinosity	1.07
Slope	0.0109
D50	128 [mm]
Stream Type	B3c

Flow Calculations	
Bankfull Depth	1.99 [ft]
Area	66.34 [sq.ft]
Manning's n	0.0370
Velocity	6.51 [ft/s]
Discharge	431.92 [cfs]
Shear Stress	1.31 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township

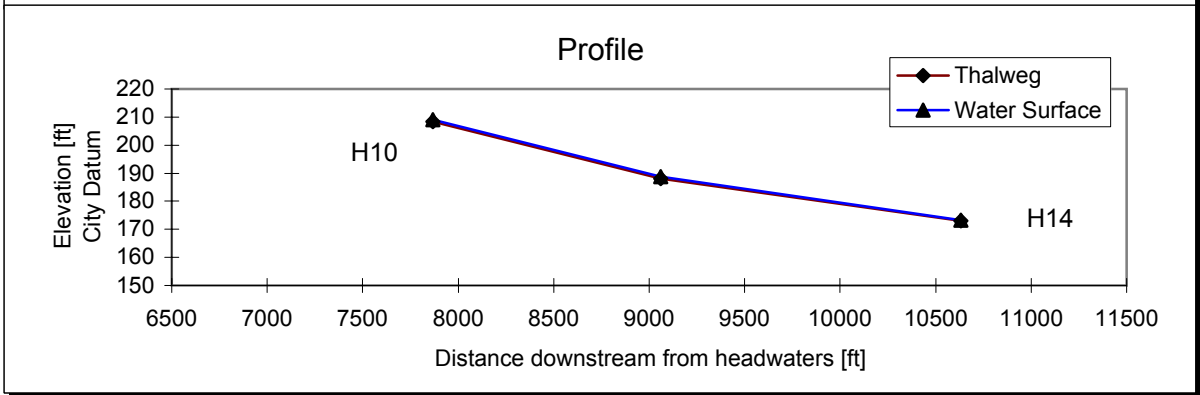
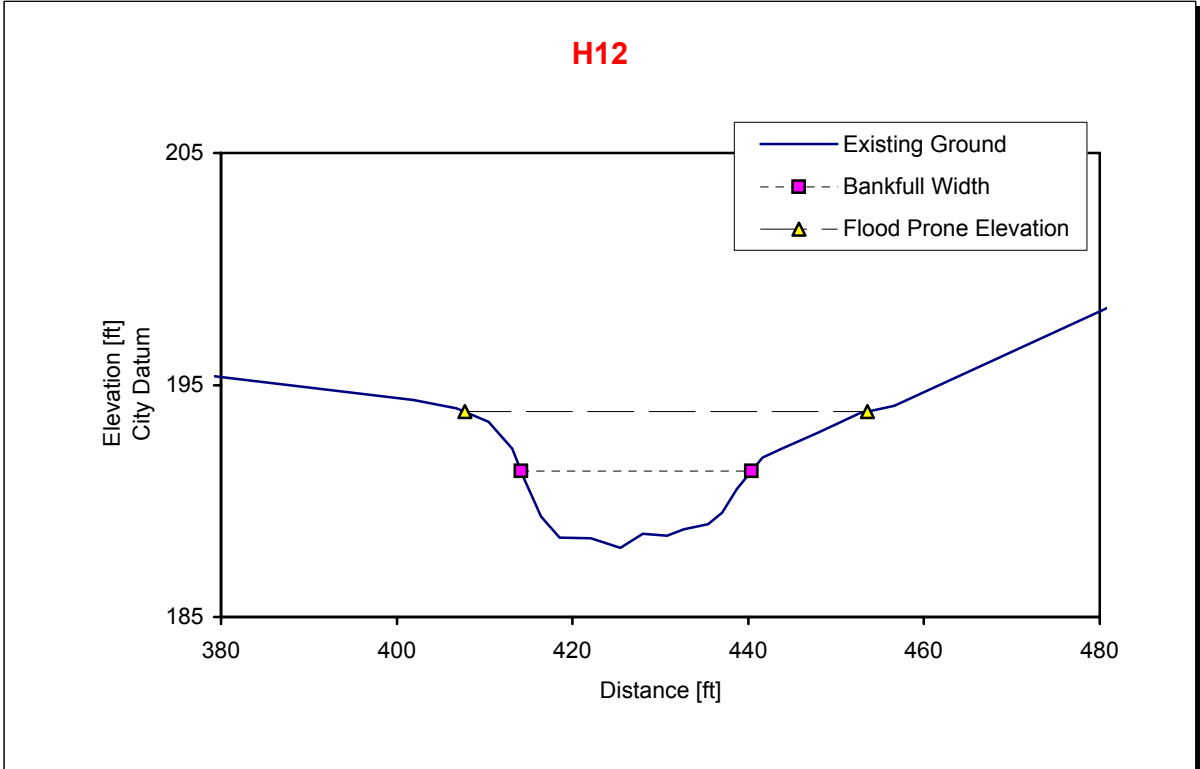


Rosgen Stream Type Classification	
Entrenchment	1.24
Width:Depth	20.81
Sinosity	1.05
Slope	0.0125
D50	128 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	1.78 [ft]
Area	65.90 [sq.ft]
Manning's n	0.0350
Velocity	6.85 [ft/s]
Discharge	451.71 [cfs]
Shear Stress	1.35 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township

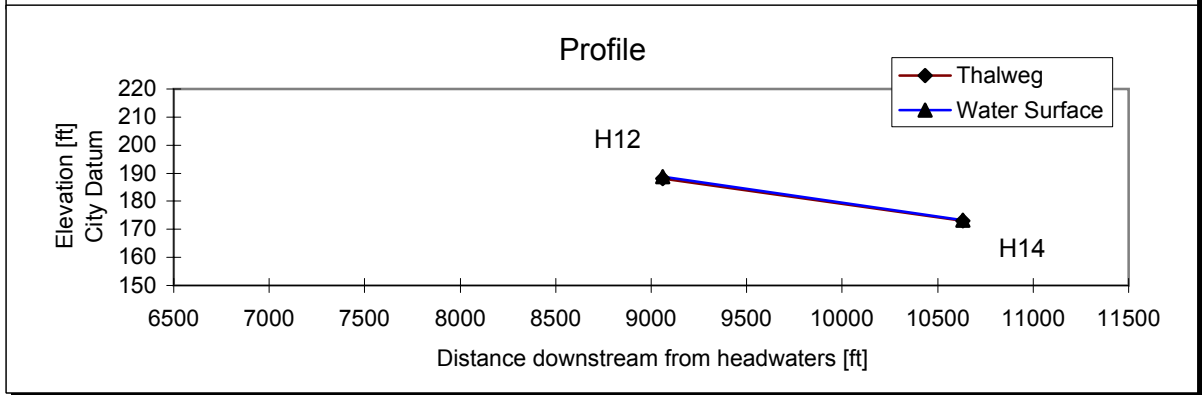
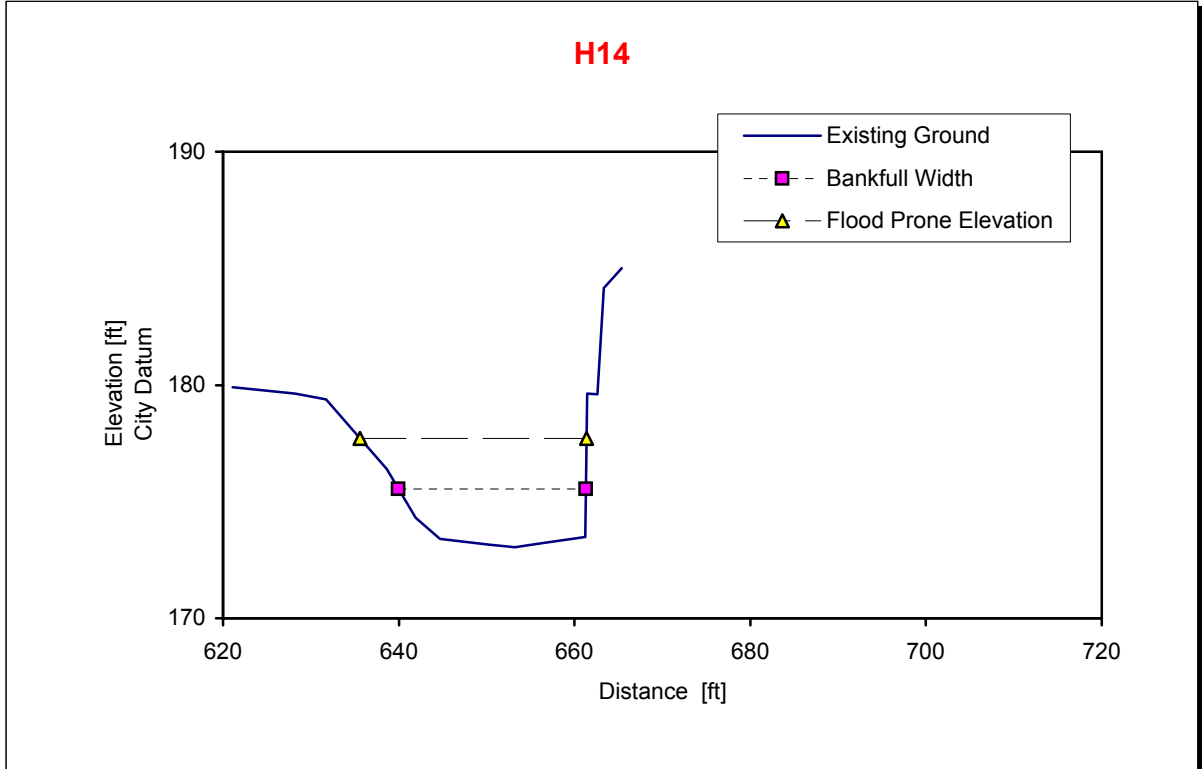
## H12



Rosgen Stream Type Classification	
Entrenchment	1.74
Width:Depth	11.26
Sinosity	1.20
Slope	0.0129
D50	180 [mm]
Stream Type	B3c

Flow Calculations	
Bankfull Depth	2.33 [ft]
Area	61.28 [sq.ft]
Manning's n	0.0370
Velocity	7.74 [ft/s]
Discharge	474.32 [cfs]
Shear Stress	1.77 [lb/sq.ft]

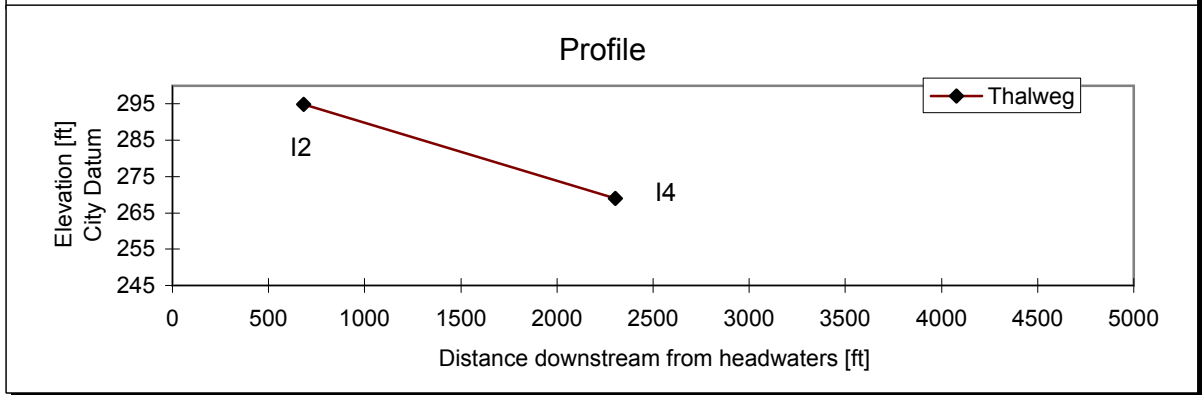
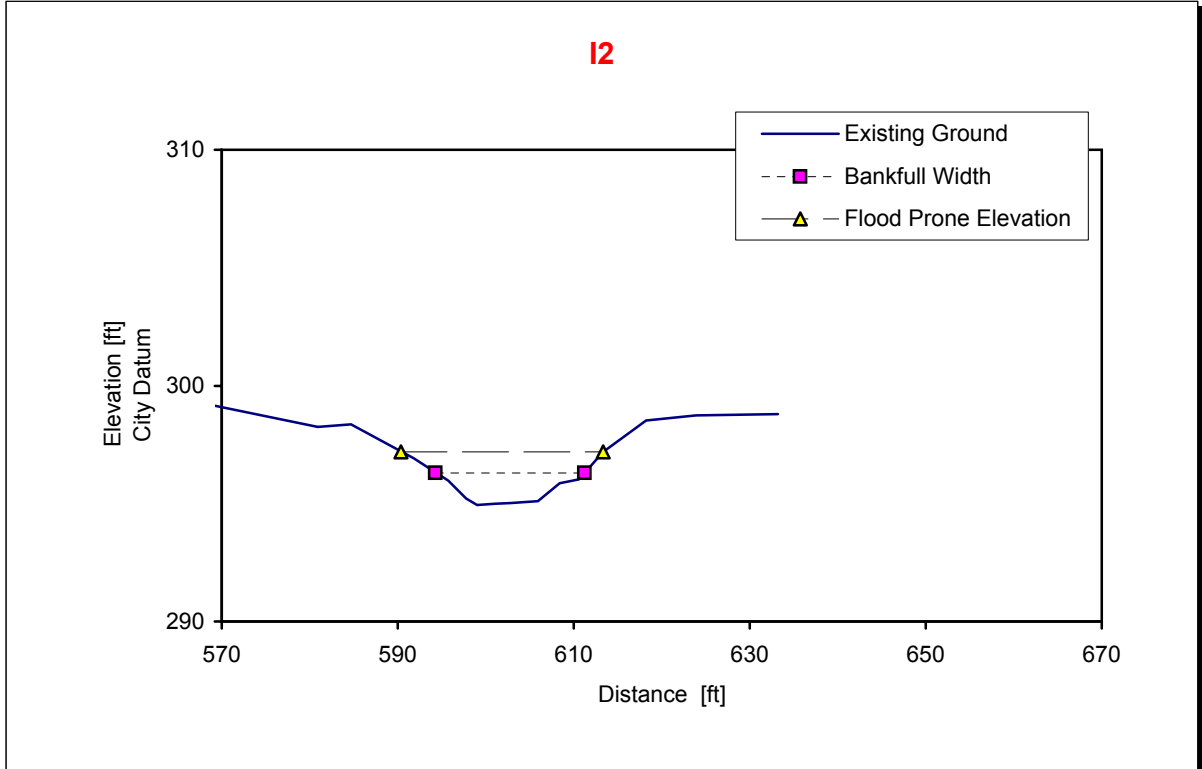
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.21
Width:Depth	10.34
Sinosity	1.01
Slope	0.0098
D50	- [mm]
Stream Type	G

Flow Calculations	
Bankfull Depth	2.06 [ft]
Area	44.08 [sq.ft]
Manning's n	0.0200
Velocity	11.11 [ft/s]
Discharge	489.81 [cfs]
Shear Stress	1.13 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Rock Creek
<b>Location:</b>	Cheltenham Township

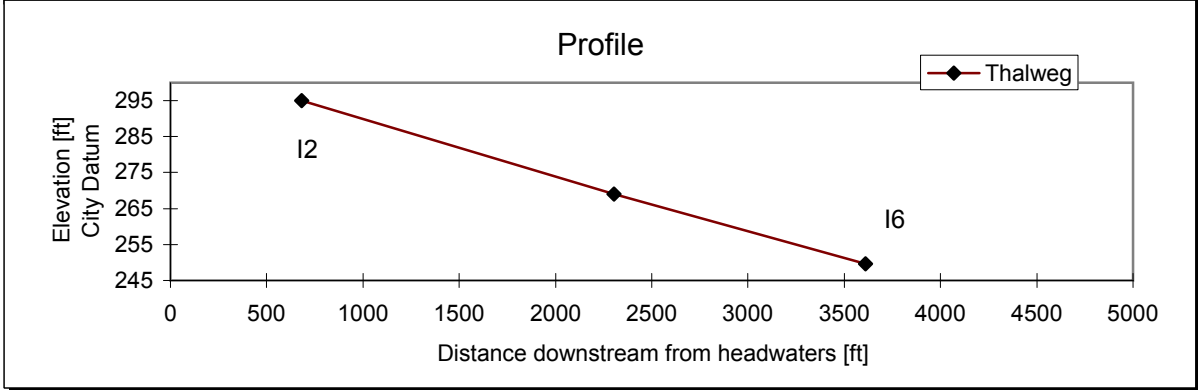
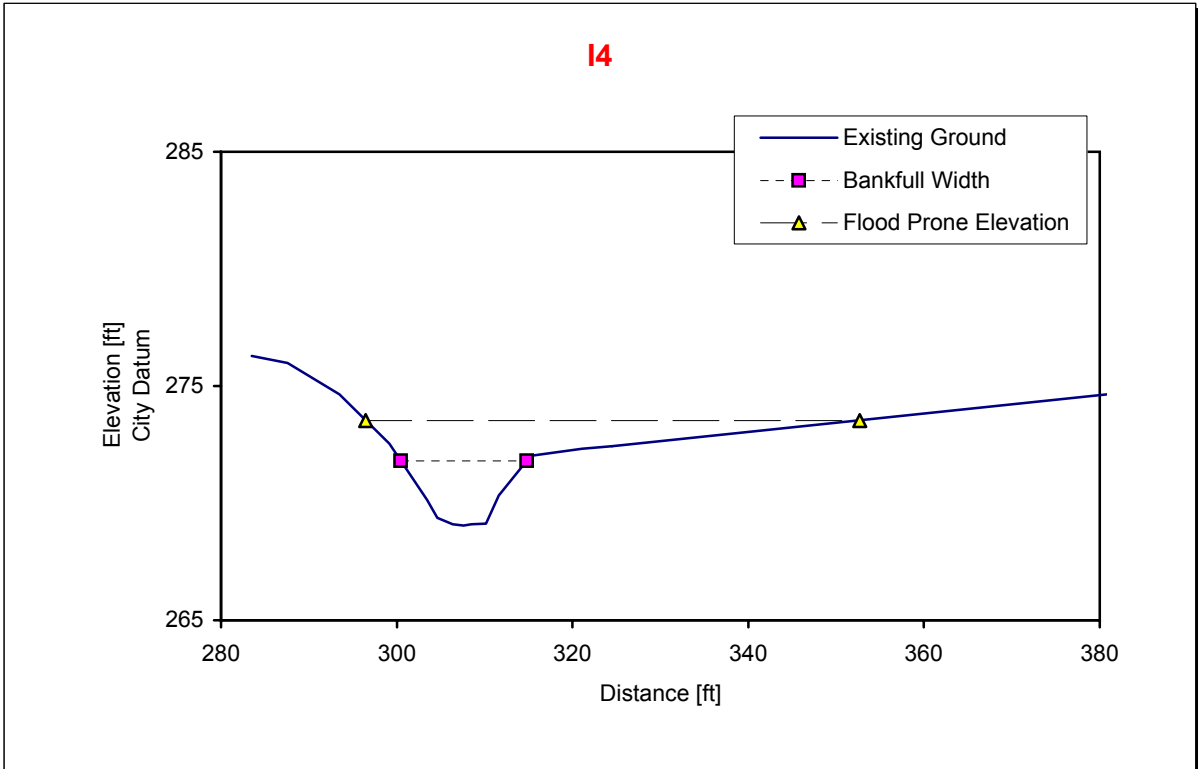


Rosgen Stream Type Classification	
Entrenchment	1.35
Width:Depth	19.10
Sinosity	1.07
Slope	0.0160
D50	180 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	0.89 [ft]
Area	14.98 [sq.ft]
Manning's n	0.0350
Velocity	4.89 [ft/s]
Discharge	73.30 [cfs]
Shear Stress	0.86 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	I
<b>Location:</b>	Abington Township

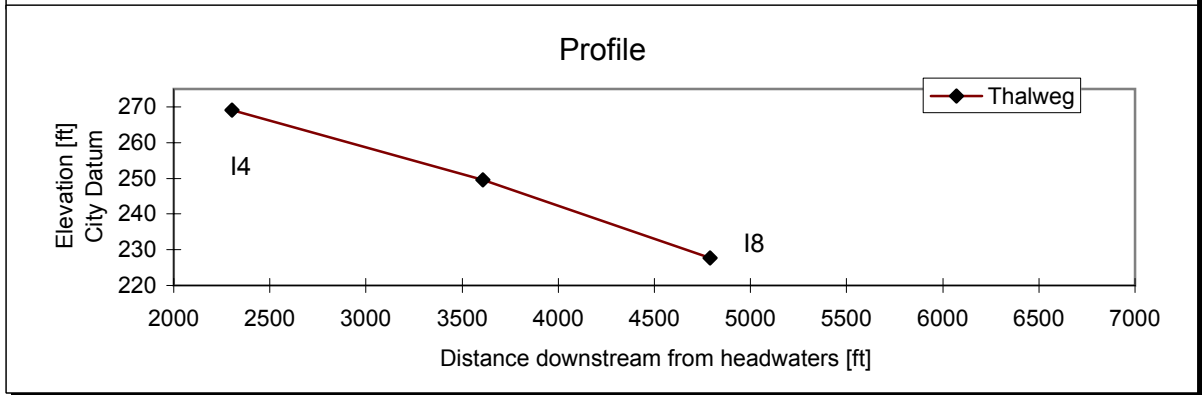
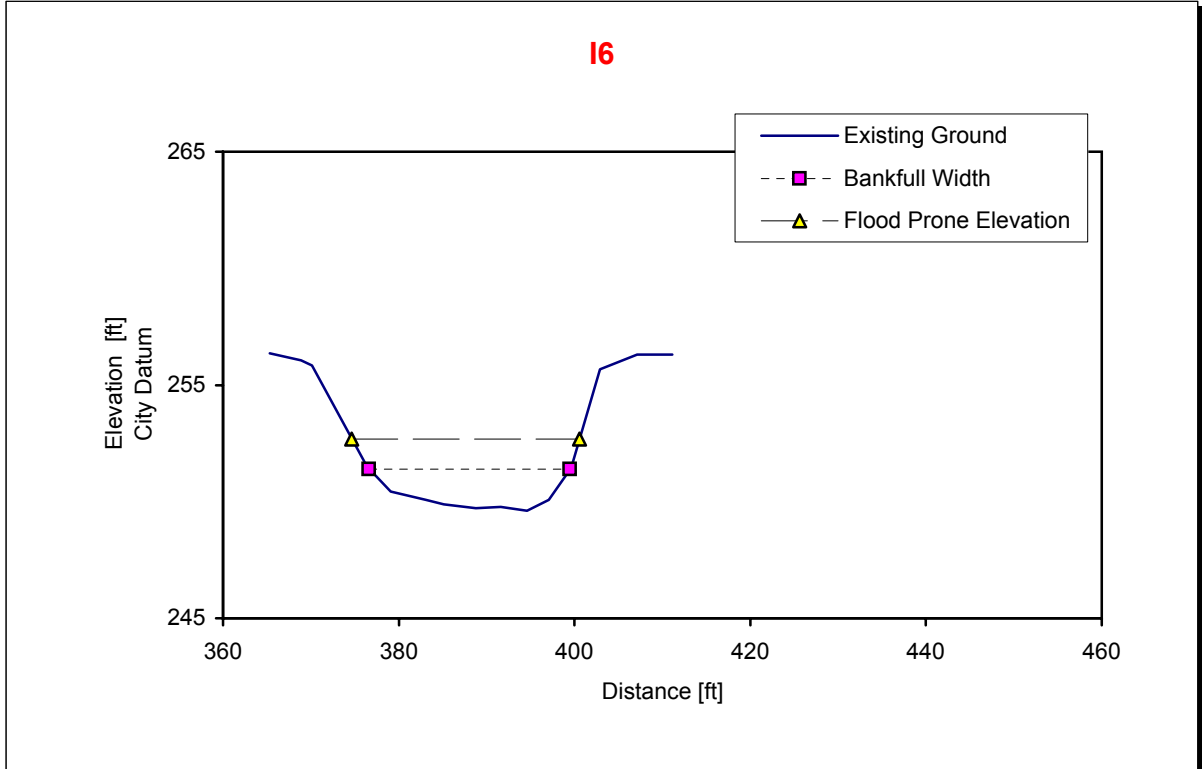
I4



Rosgen Stream Type Classification	
Entrenchment	3.93
Width:Depth	8.21
Sinosity	1.04
Slope	0.0155
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	1.74 [ft]
Area	24.88 [sq.ft]
Manning's n	0.0370
Velocity	6.80 [ft/s]
Discharge	169.15 [cfs]
Shear Stress	1.53 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	I
<b>Location:</b>	Abington Township

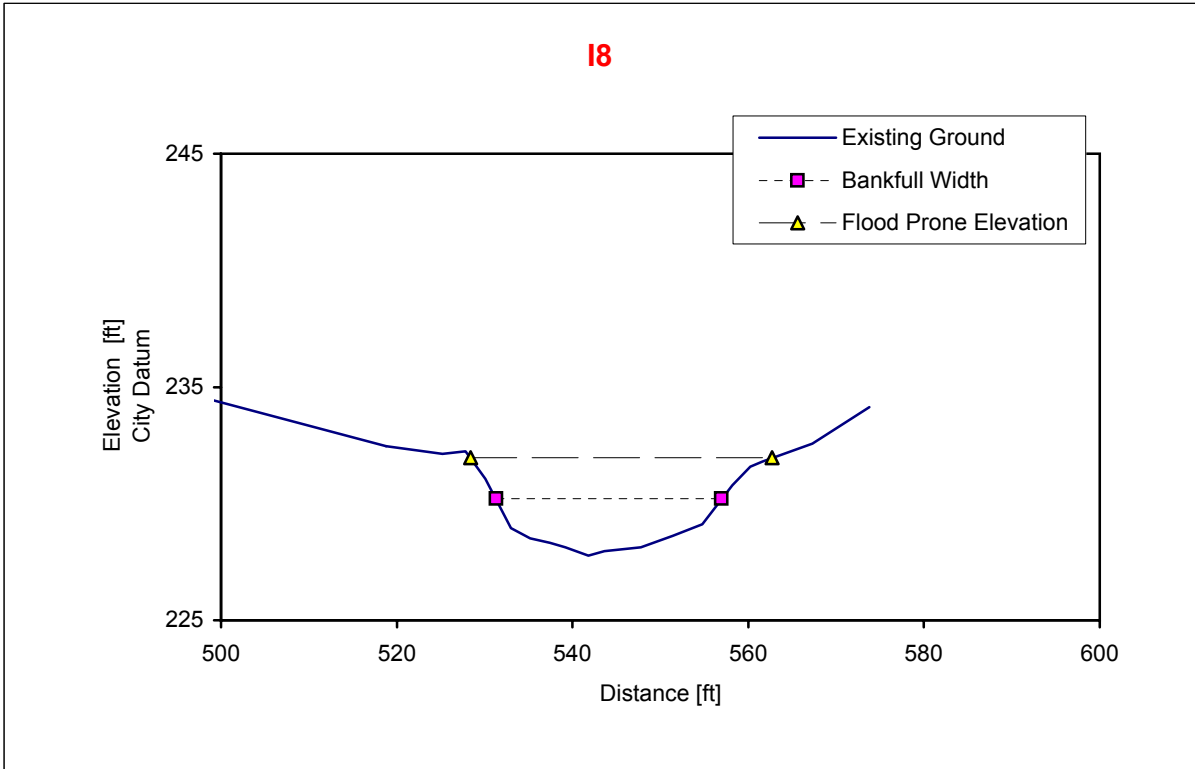


Rosgen Stream Type Classification	
Entrenchment	1.13
Width:Depth	17.59
Sinosity	1.12
Slope	0.0166
D50	64 [mm]
Stream Type	F4

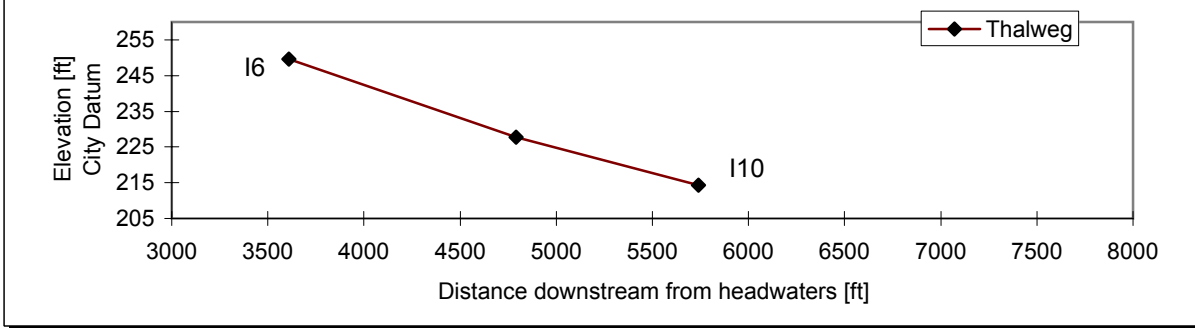
Flow Calculations	
Bankfull Depth	1.30 [ft]
Area	29.71 [sq.ft]
Manning's n	0.0350
Velocity	6.42 [ft/s]
Discharge	190.67 [cfs]
Shear Stress	1.31 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	I
<b>Location:</b>	Abington Township

I8



Profile

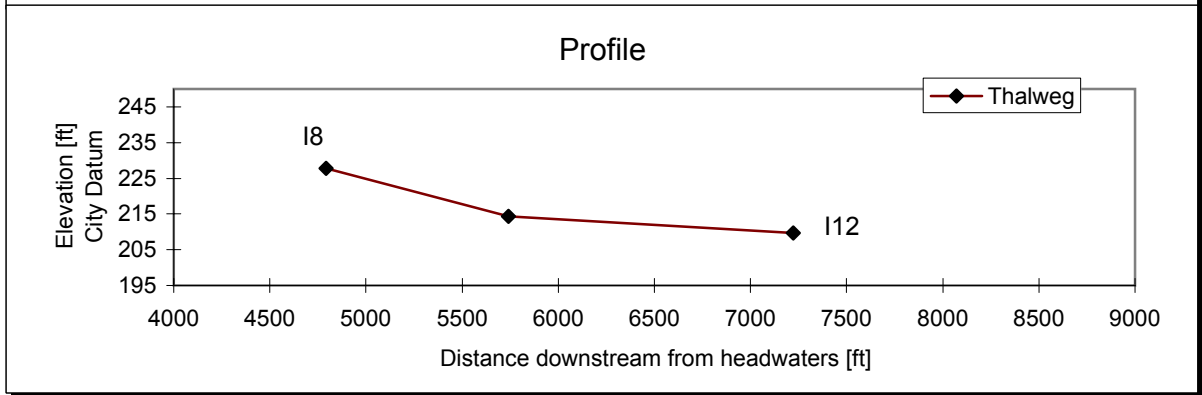
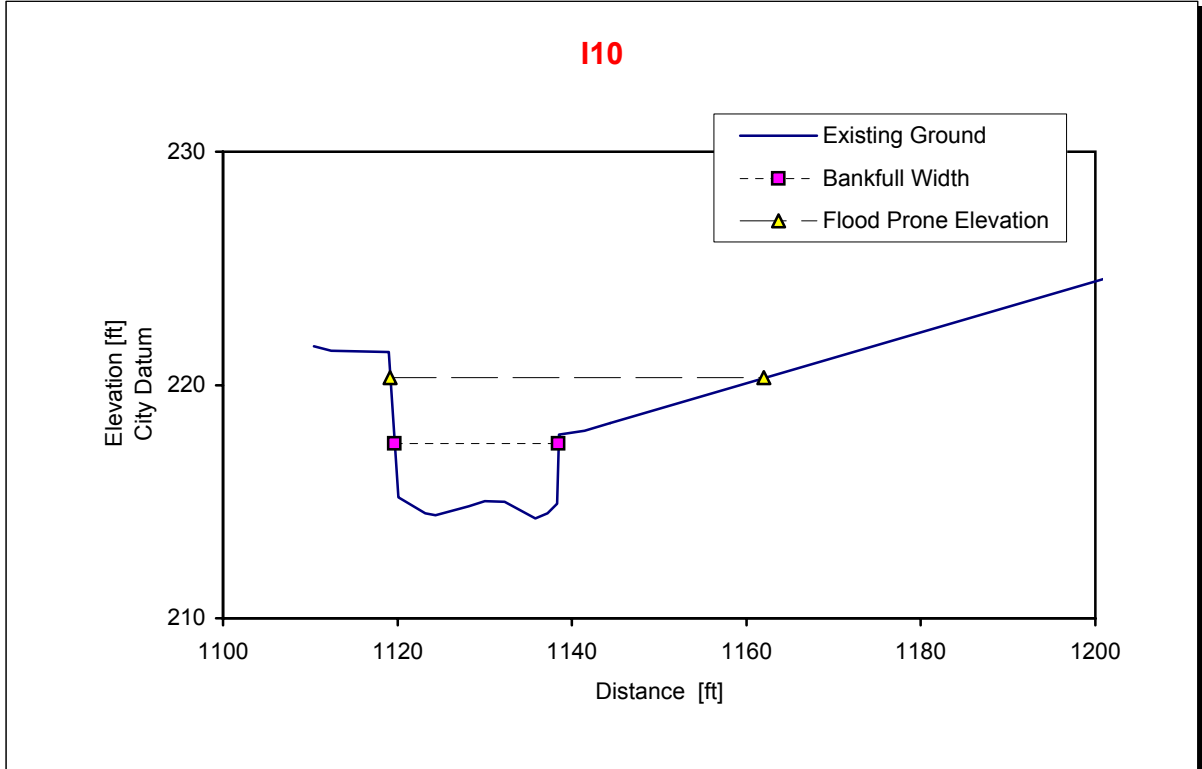


Rosgen Stream Type Classification	
Entrenchment	1.34
Width:Depth	15.26
Sinosity	1.05
Slope	0.0166
D50	180 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	1.68 [ft]
Area	43.28 [sq.ft]
Manning's n	0.0370
Velocity	7.18 [ft/s]
Discharge	310.91 [cfs]
Shear Stress	1.69 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	I
<b>Location:</b>	Abington Township



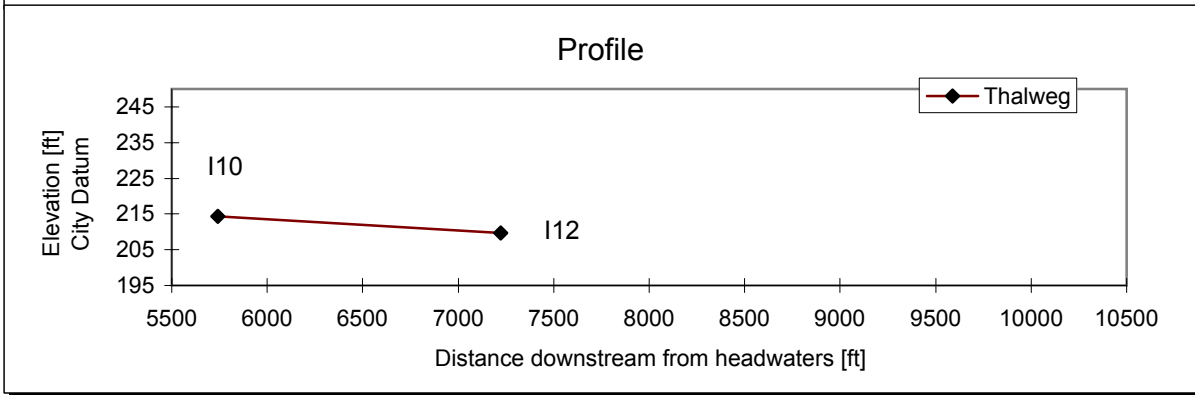
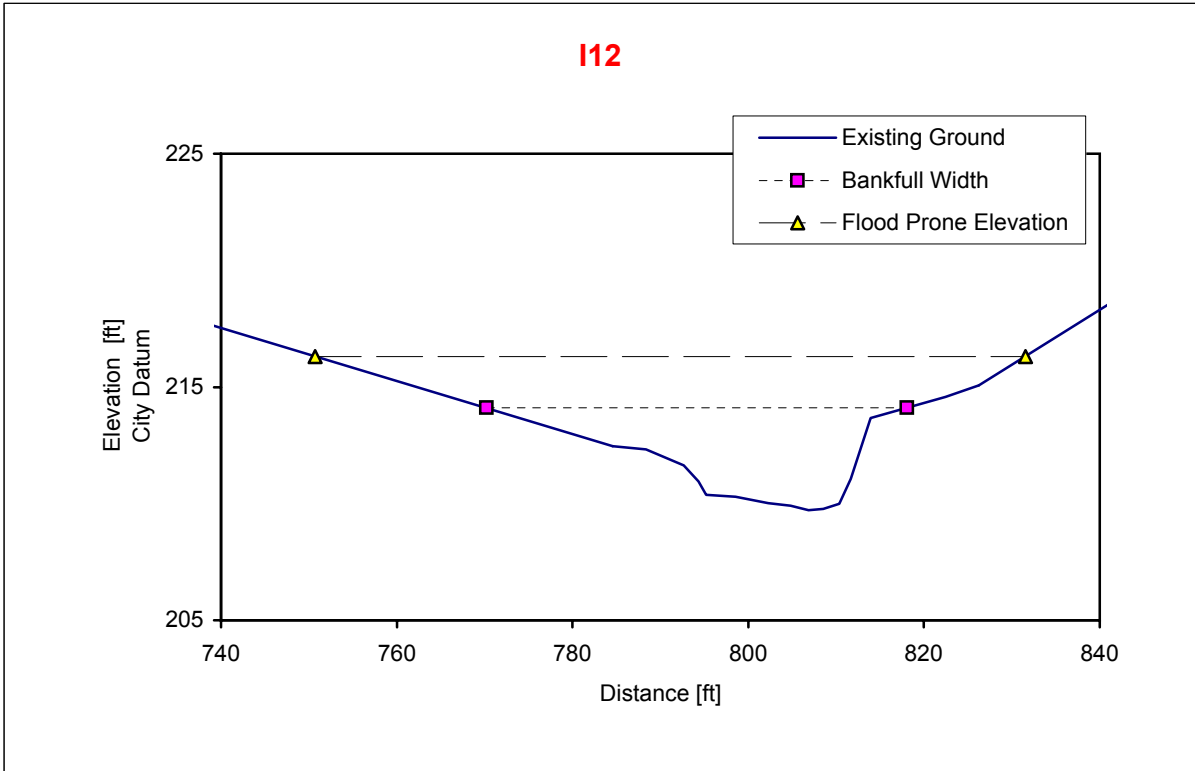


Rosgen Stream Type Classification	
Entrenchment	2.28
Width:Depth	6.87
Sinosity	1.03
Slope	0.0074
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	2.74 [ft]
Area	51.38 [sq.ft]
Manning's n	0.0350
Velocity	6.19 [ft/s]
Discharge	318.26 [cfs]
Shear Stress	1.02 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	I
<b>Location:</b>	Abington Township

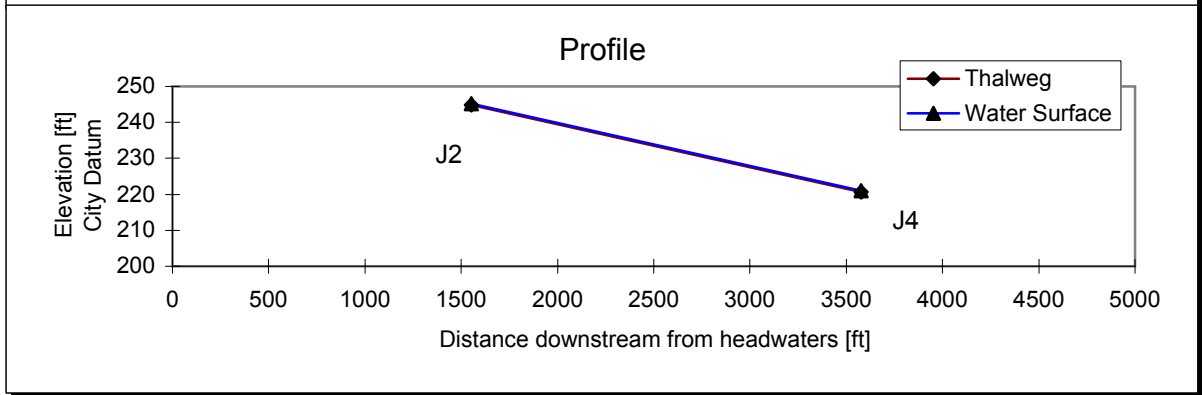
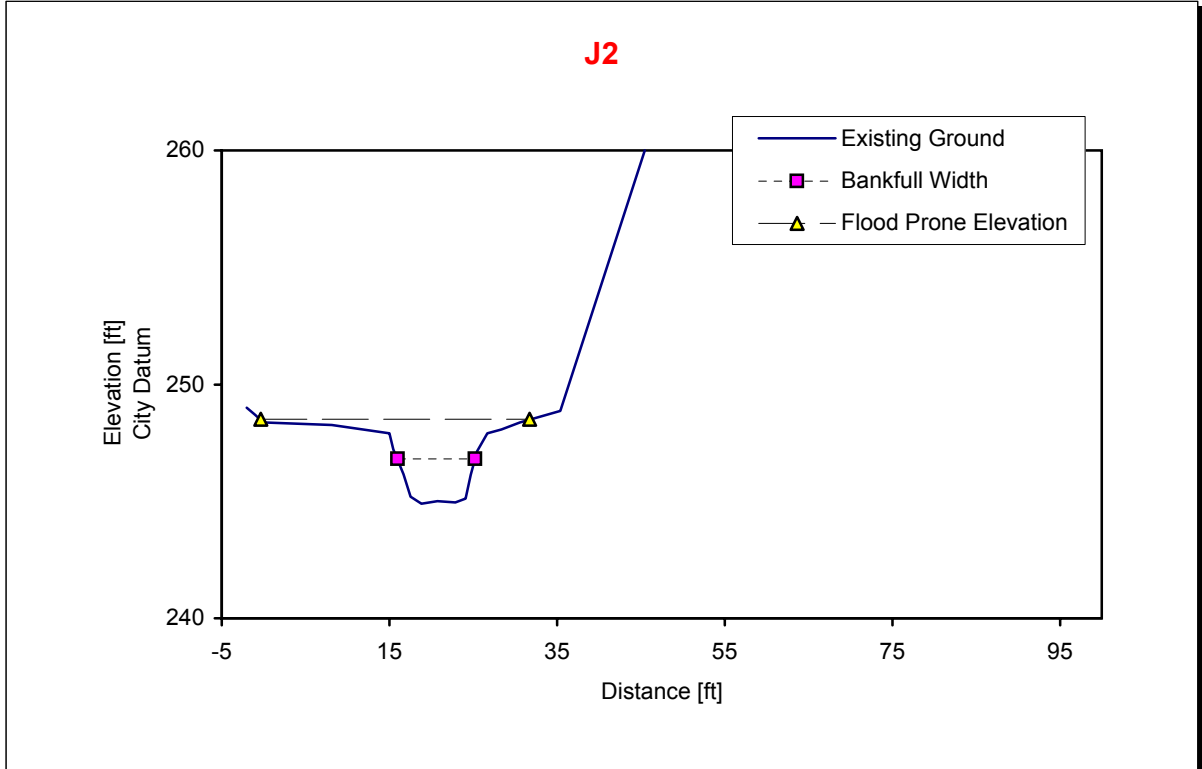
**I12**



Rosgen Stream Type Classification	
Entrenchment	1.69
Width:Depth	21.62
Sinosity	1.08
Slope	0.0031
D50	22 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	2.21 [ft]
Area	105.97 [sq.ft]
Manning's n	0.0350
Velocity	3.90 [ft/s]
Discharge	413.72 [cfs]
Shear Stress	0.41 [lb/sq.ft]

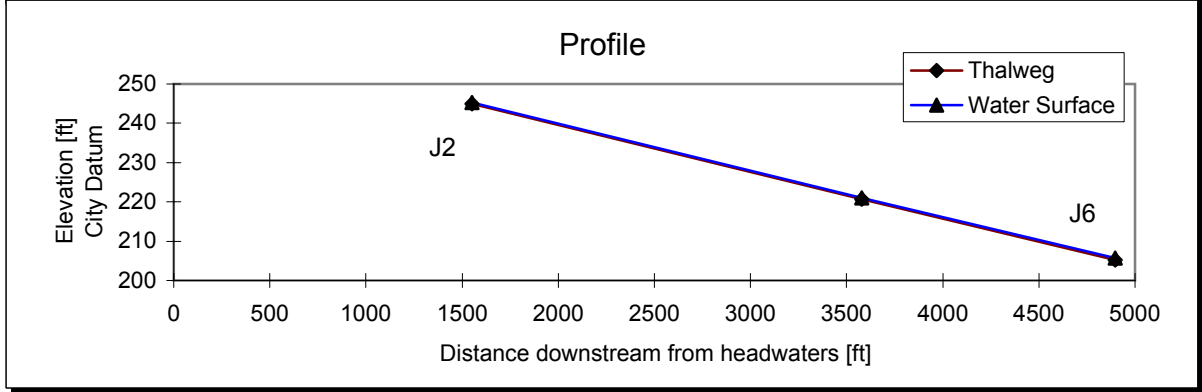
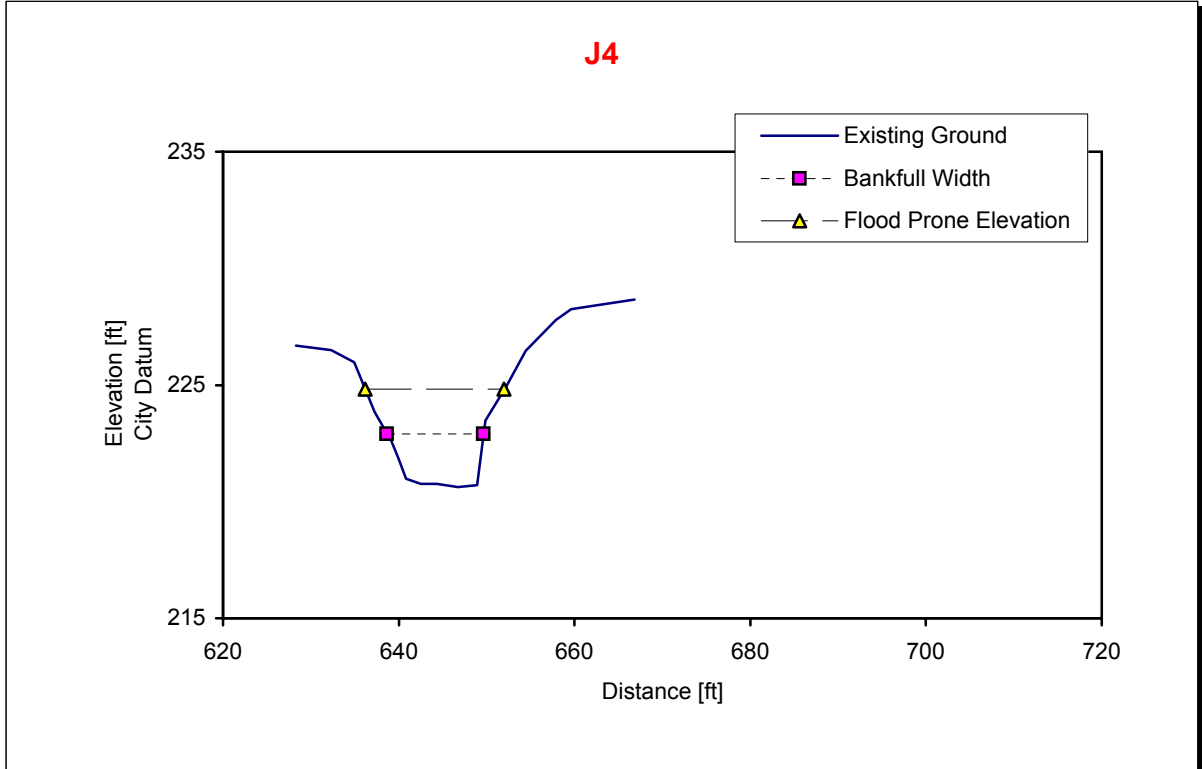
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	I
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	2.55
Width:Depth	6.18
Sinosity	1.22
Slope	0.0119
D50	64 [mm]
Stream Type	E4

Flow Calculations	
Bankfull Depth	1.50 [ft]
Area	13.91 [sq.ft]
Manning's n	0.0350
Velocity	5.47 [ft/s]
Discharge	76.07 [cfs]
Shear Stress	0.95 [lb/sq.ft]

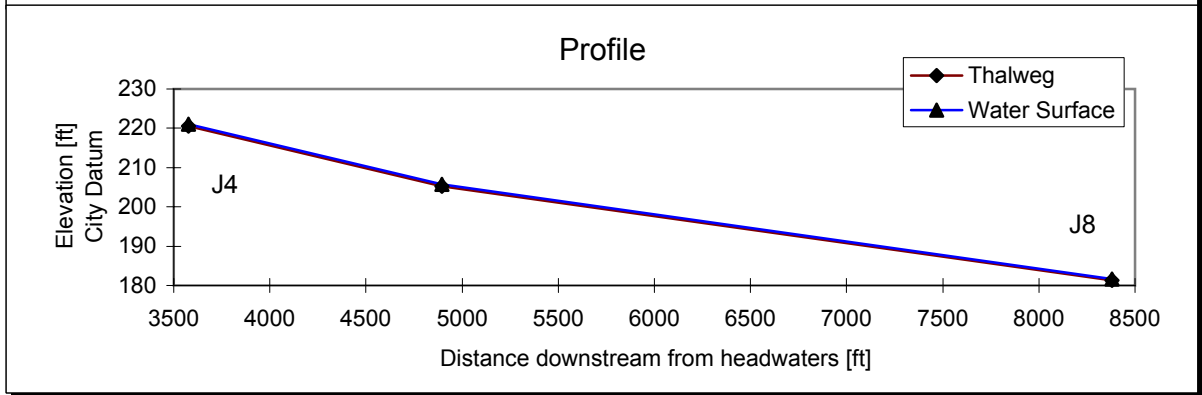
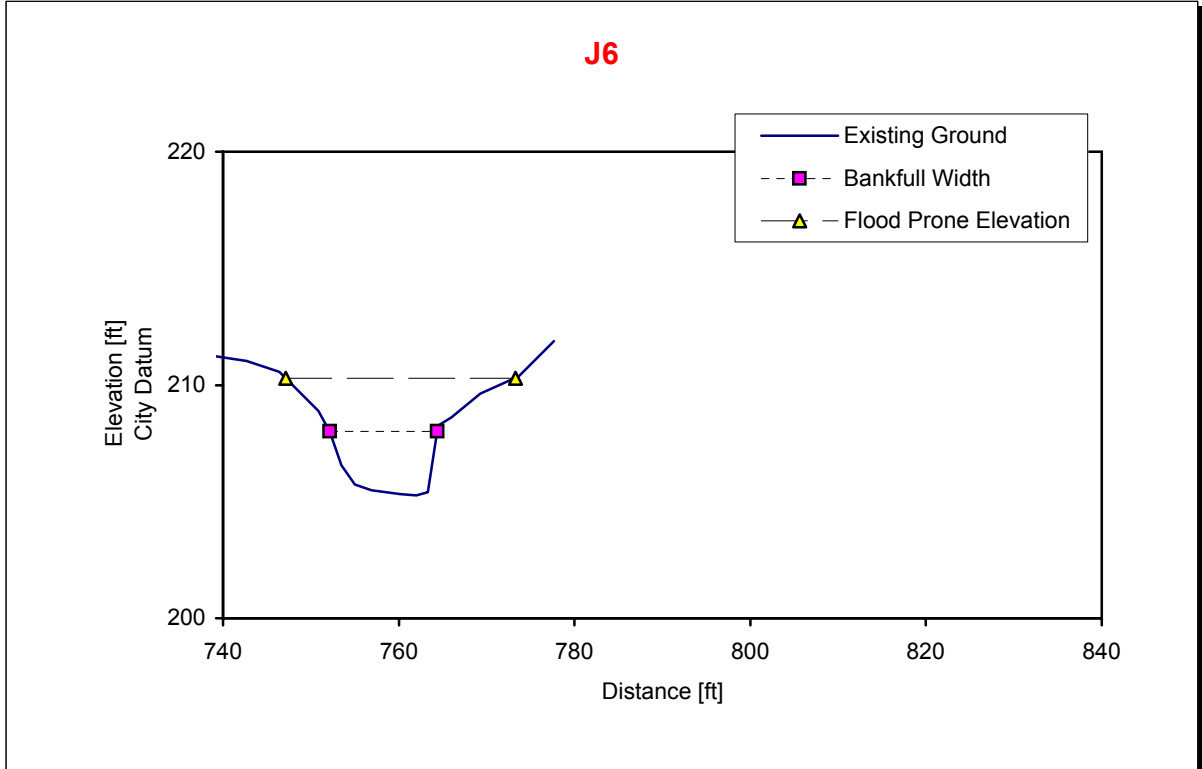
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	1.44
Width:Depth	5.96
Sinosity	1.08
Slope	0.0118
D50	45 [mm]
Stream Type	G4c

Flow Calculations	
Bankfull Depth	1.84 [ft]
Area	20.20 [sq.ft]
Manning's n	0.0350
Velocity	6.11 [ft/s]
Discharge	123.45 [cfs]
Shear Stress	1.12 [lb/sq.ft]

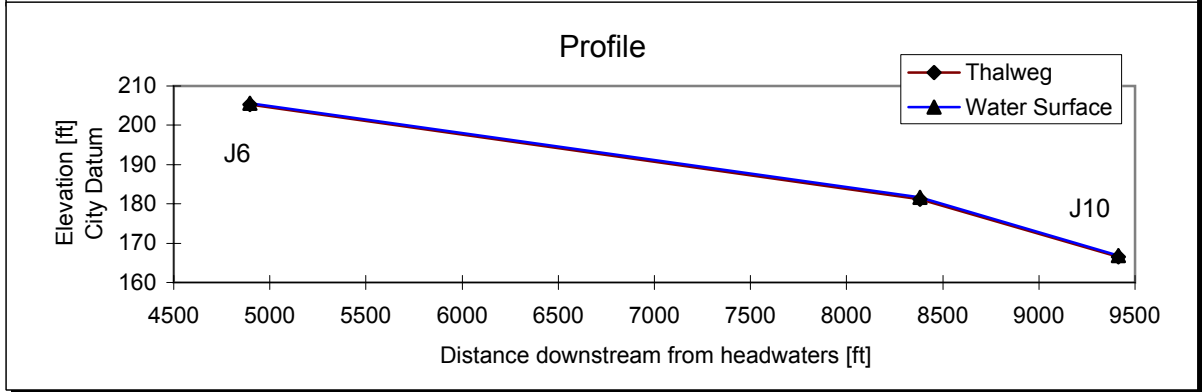
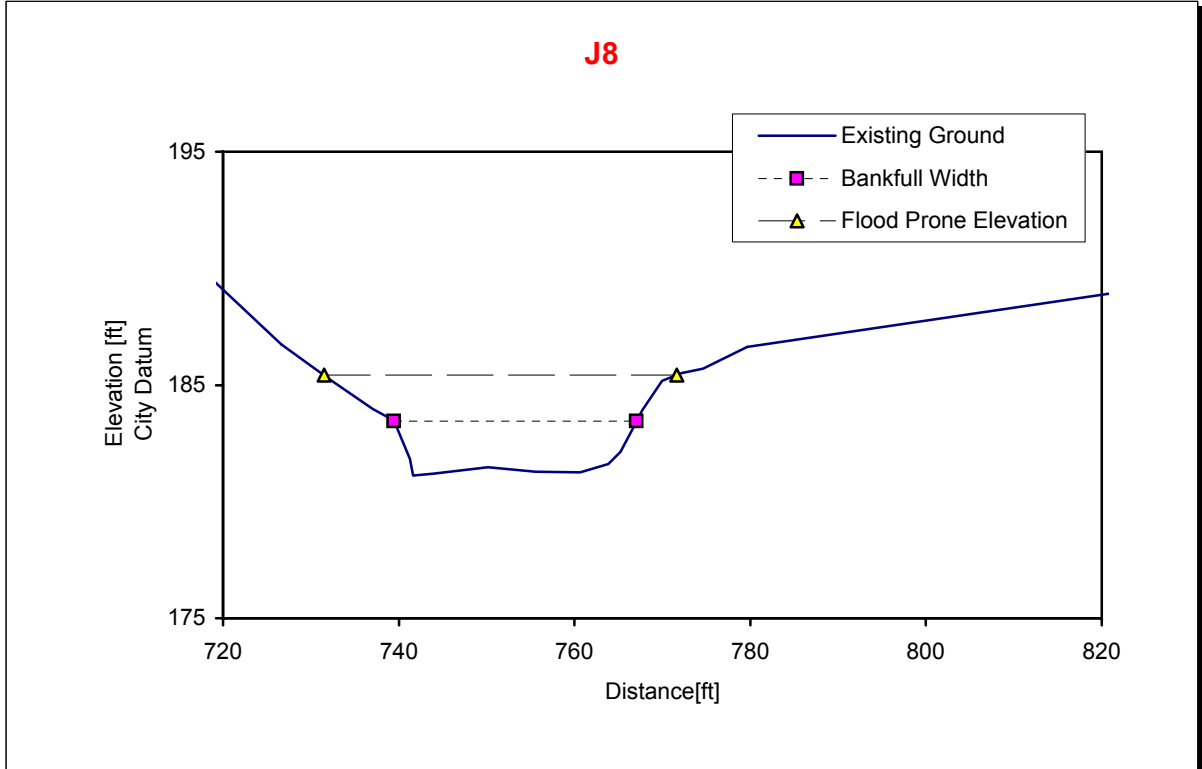
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	2.14
Width:Depth	5.63
Sinosity	1.17
Slope	0.0082
D50	64 [mm]
Stream Type	E4

Flow Calculations	
Bankfull Depth	2.17 [ft]
Area	26.52 [sq.ft]
Manning's n	0.0350
Velocity	5.69 [ft/s]
Discharge	150.86 [cfs]
Shear Stress	0.92 [lb/sq.ft]

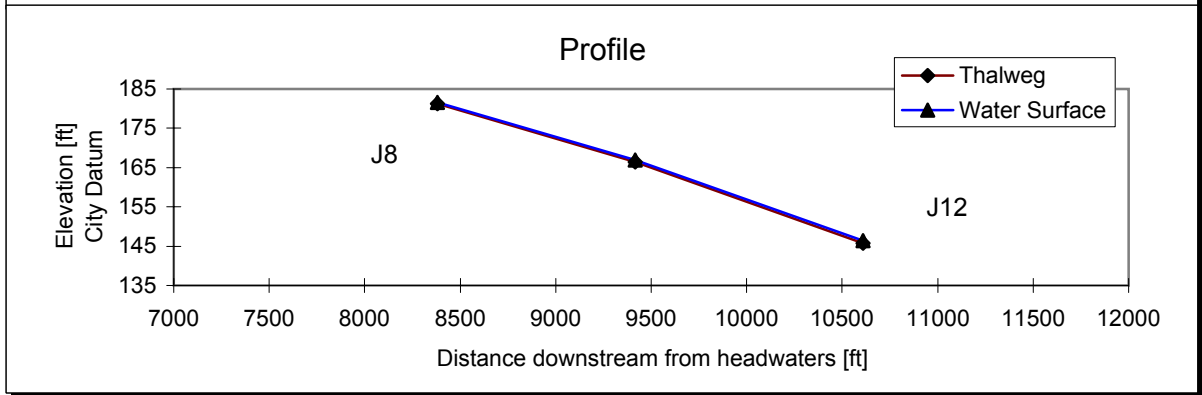
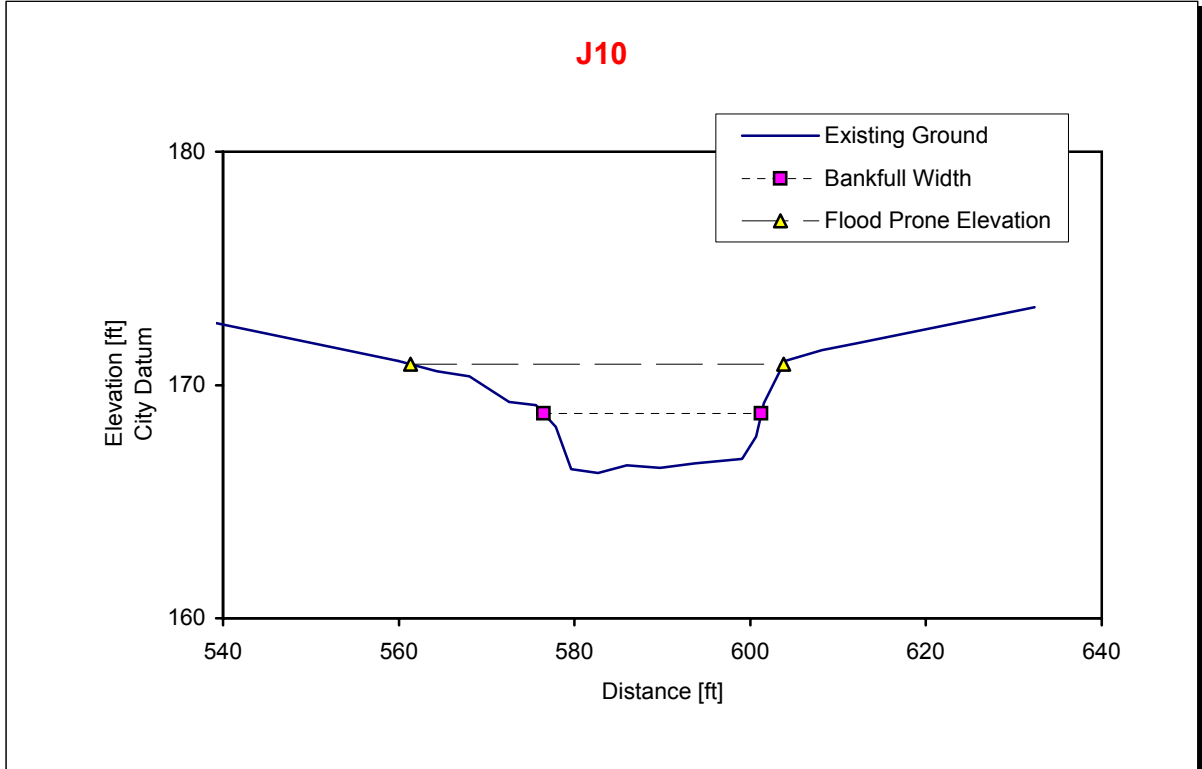
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	1.46
Width:Depth	14.39
Sinosity	1.15
Slope	0.0086
D50	45 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	1.92 [ft]
Area	52.94 [sq.ft]
Manning's n	0.0350
Velocity	5.87 [ft/s]
Discharge	310.51 [cfs]
Shear Stress	0.97 [lb/sq.ft]

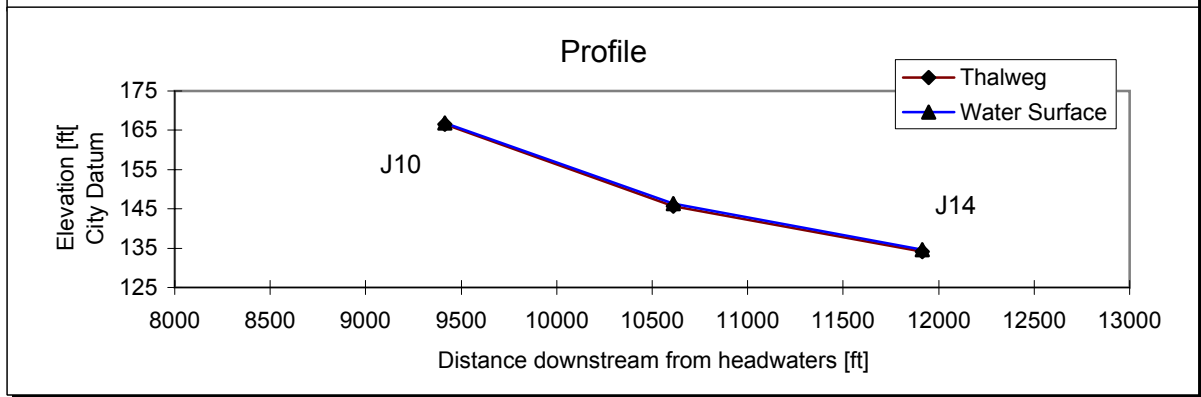
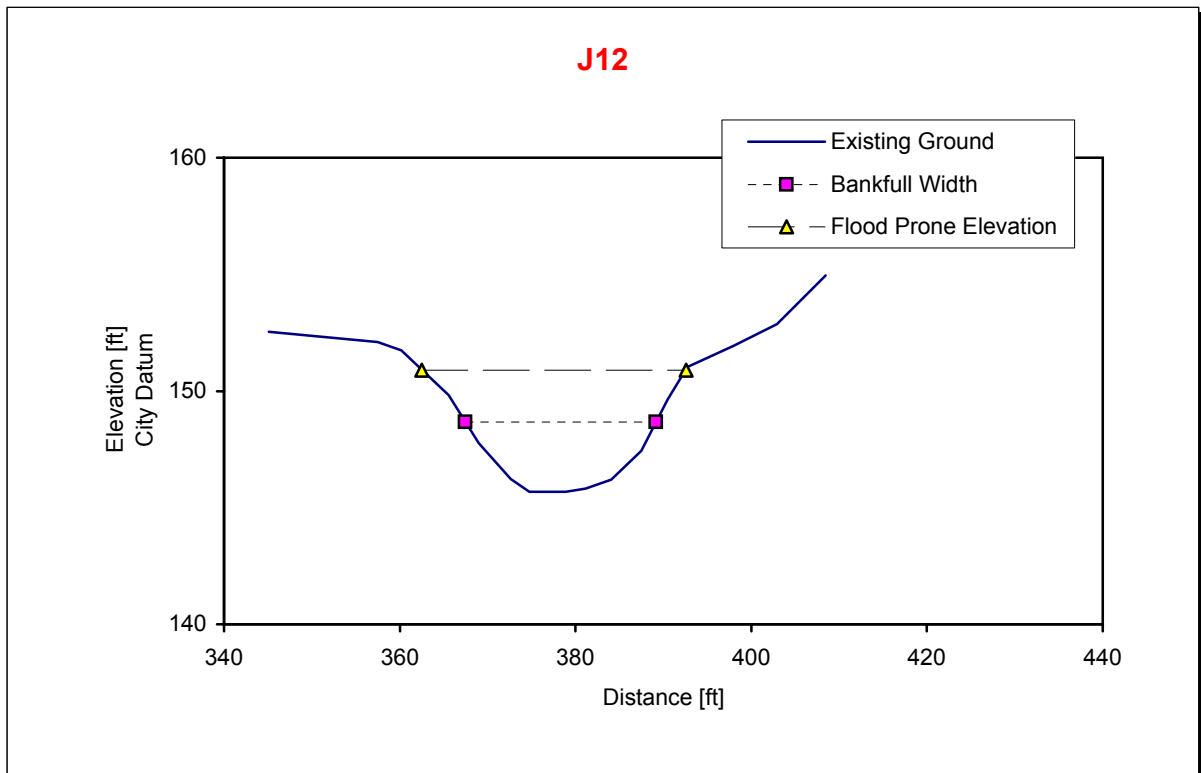
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	1.71
Width:Depth	12.45
Sinosity	1.03
Slope	0.0158
D50	256 [mm]
Stream Type	B3c

Flow Calculations	
Bankfull Depth	1.99 [ft]
Area	49.43 [sq.ft]
Manning's n	0.0400
Velocity	7.09 [ft/s]
Discharge	350.62 [cfs]
Shear Stress	1.84 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Abington Township



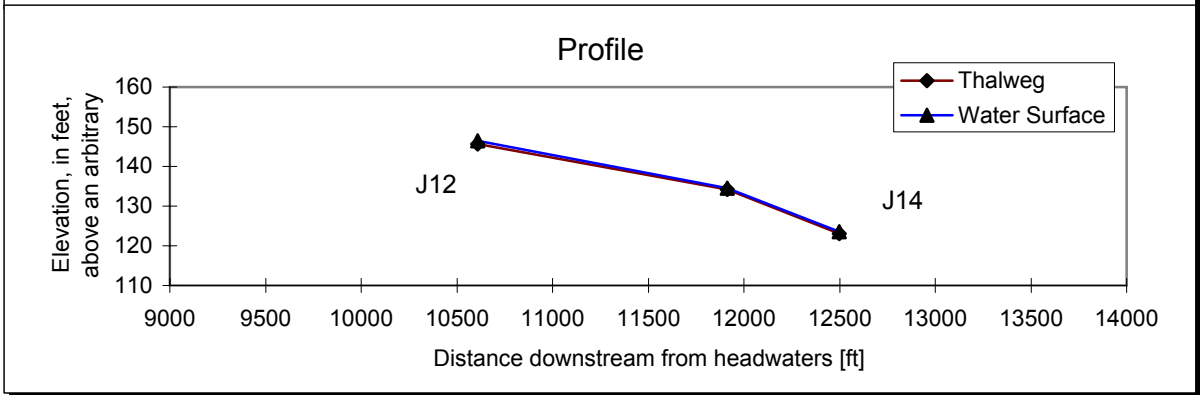
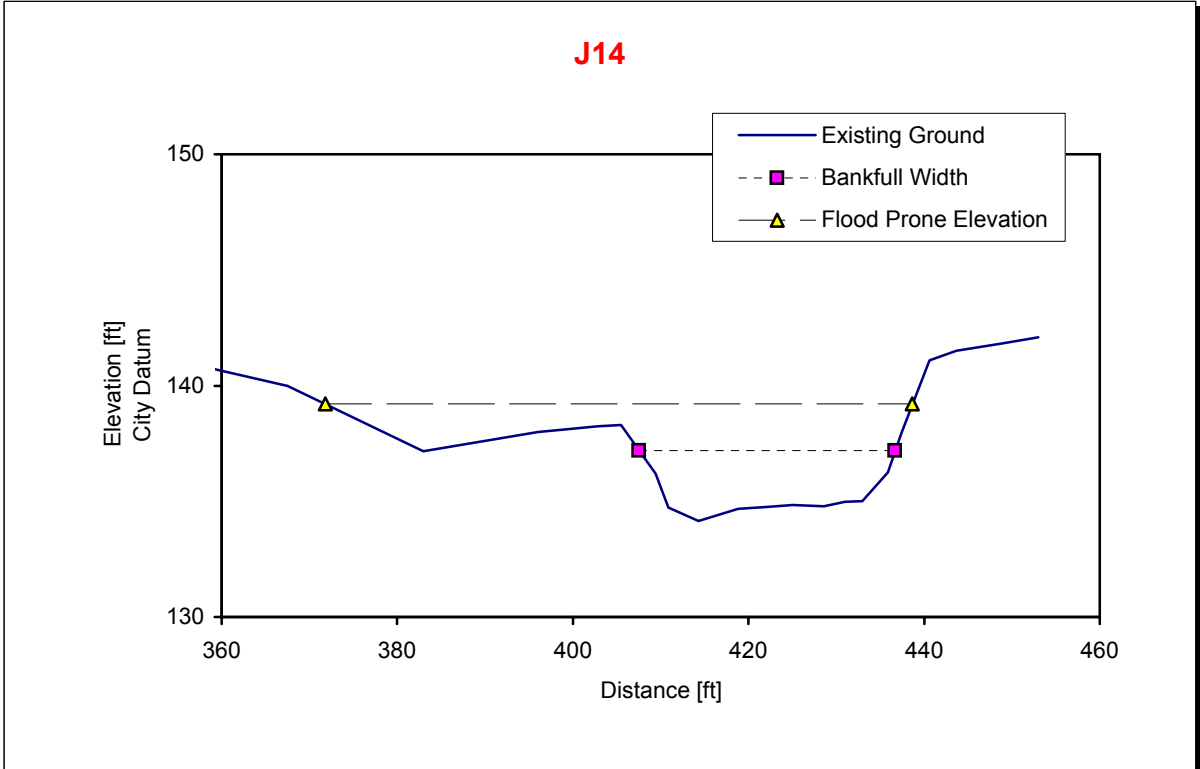
Rosgen Stream Type Classification	
Entrenchment	1.39
Width:Depth	10.09
Sinosity	1.11
Slope	0.0129
D50	128 [mm]
Stream Type	G3c

Flow Calculations	
Bankfull Depth	2.15 [ft]
Area	46.56 [sq.ft]
Manning's n	0.0350
Velocity	7.76 [ft/s]
Discharge	361.24 [cfs]
Shear Stress	1.64 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Abington Township



### J14

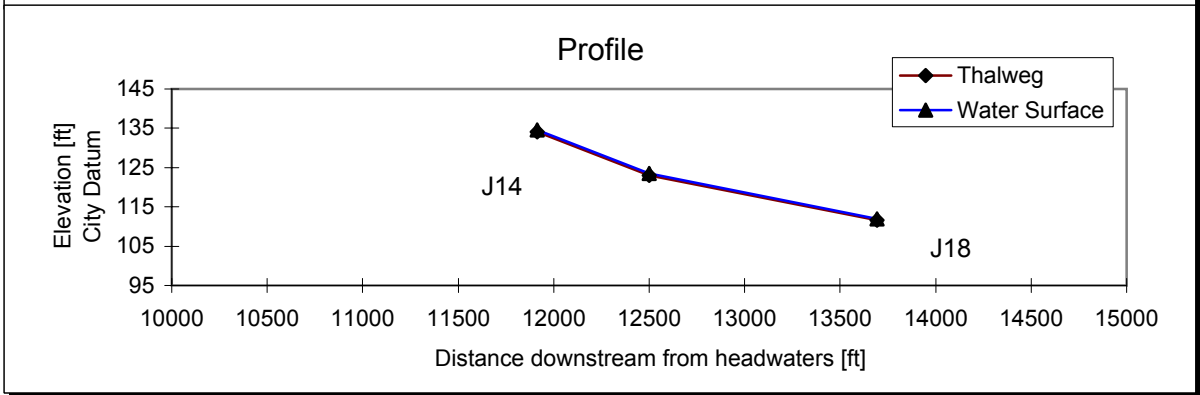
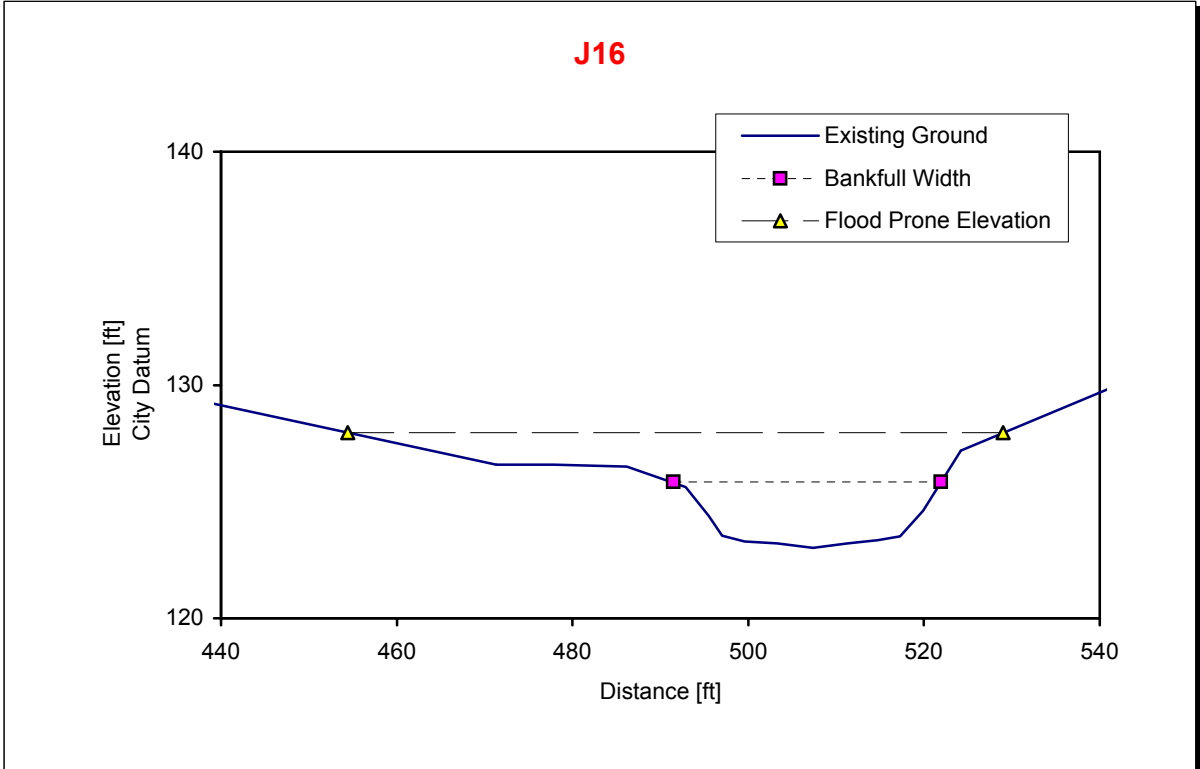


Rosgen Stream Type Classification	
Entrenchment	2.29
Width:Depth	13.37
Sinosity	1.24
Slope	0.0121
D50	128 [mm]
Stream Type	C3

Flow Calculations	
Bankfull Depth	2.18 [ft]
Area	63.57 [sq.ft]
Manning's n	0.0370
Velocity	7.18 [ft/s]
Discharge	456.62 [cfs]
Shear Stress	1.56 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Cheltenham Township

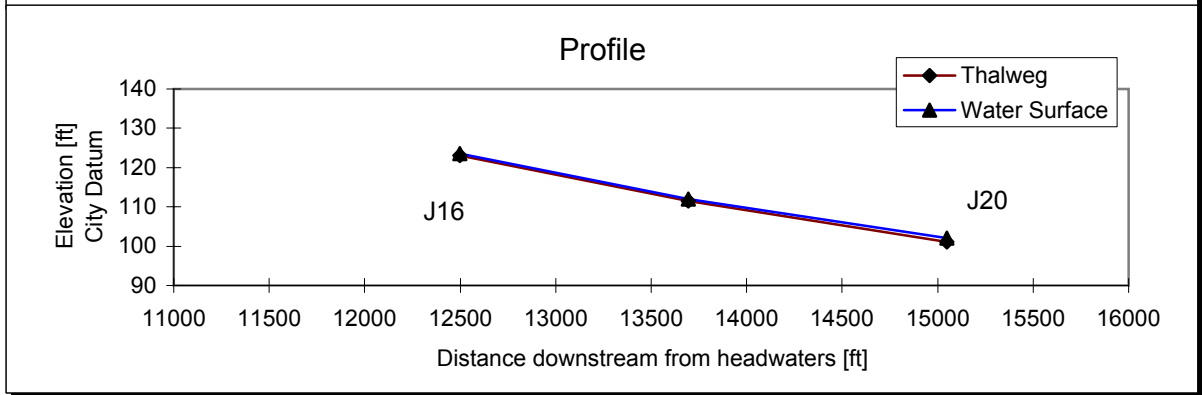
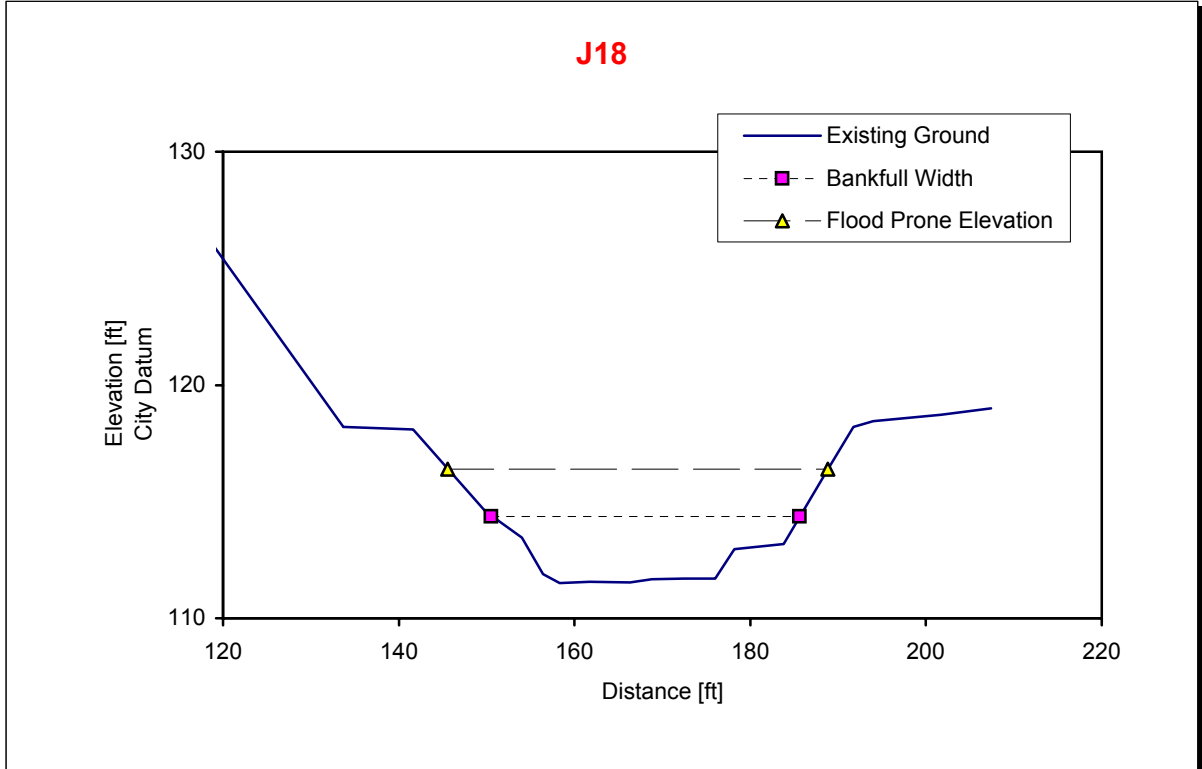
### J16



Rosgen Stream Type Classification	
Entrenchment	2.42
Width:Depth	14.88
Sinosity	1.02
Slope	0.0127
D50	128 [mm]
Stream Type	C3

Flow Calculations	
Bankfull Depth	2.07 [ft]
Area	63.90 [sq.ft]
Manning's n	0.0370
Velocity	7.21 [ft/s]
Discharge	460.62 [cfs]
Shear Stress	1.59 [lb/sq.ft]

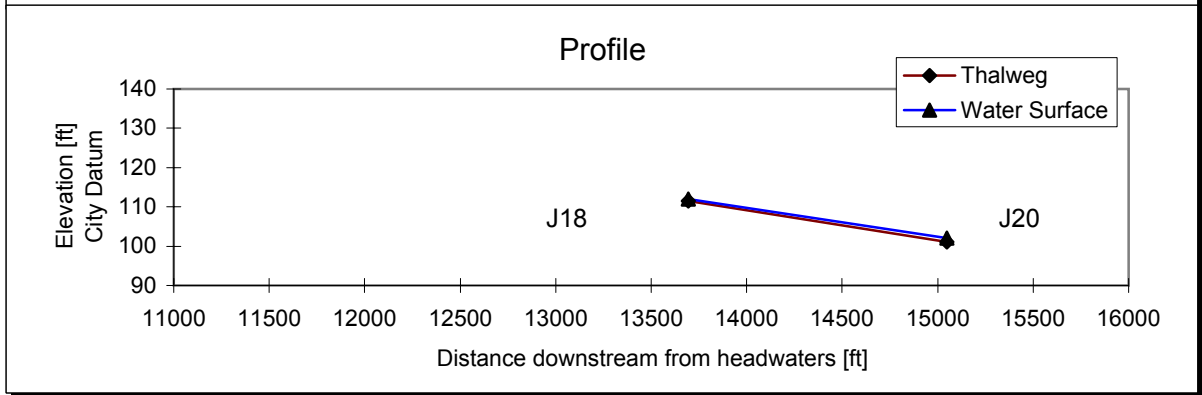
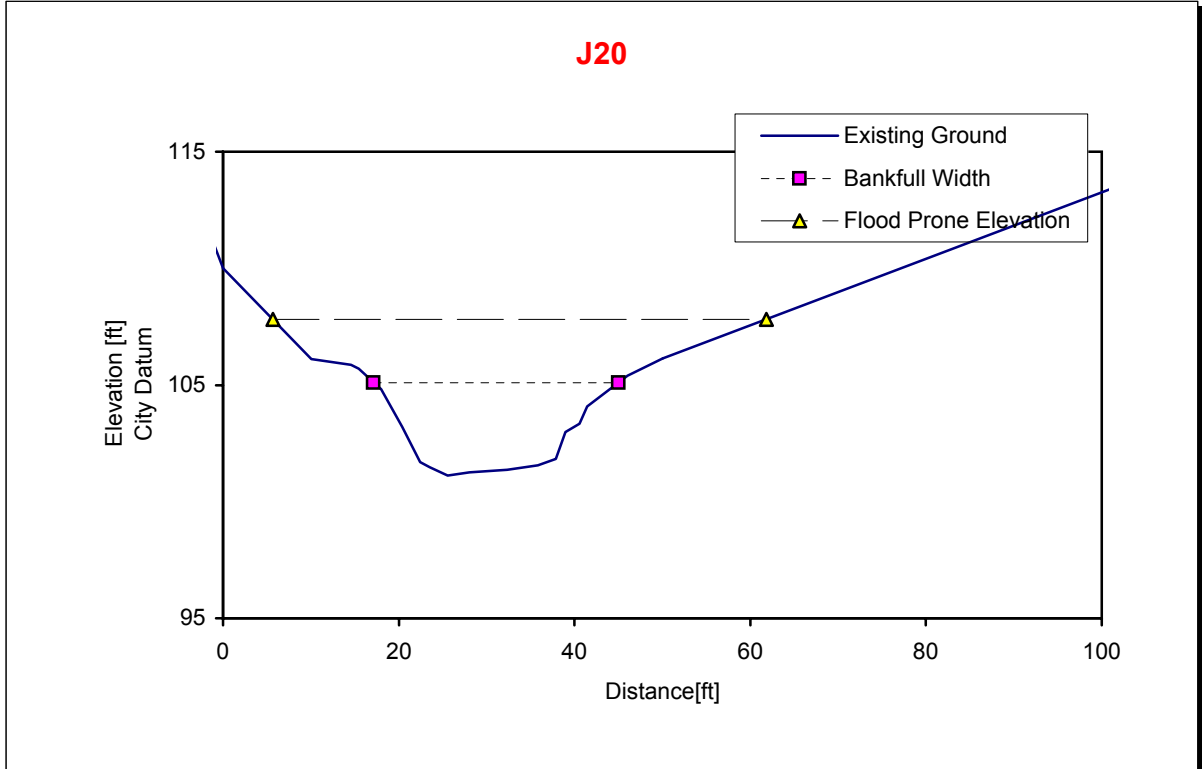
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.24
Width:Depth	17.05
Sinosity	1.12
Slope	0.0084
D50	64 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.05 [ft]
Area	71.58 [sq.ft]
Manning's n	0.0330
Velocity	6.52 [ft/s]
Discharge	466.78 [cfs]
Shear Stress	1.04 [lb/sq.ft]

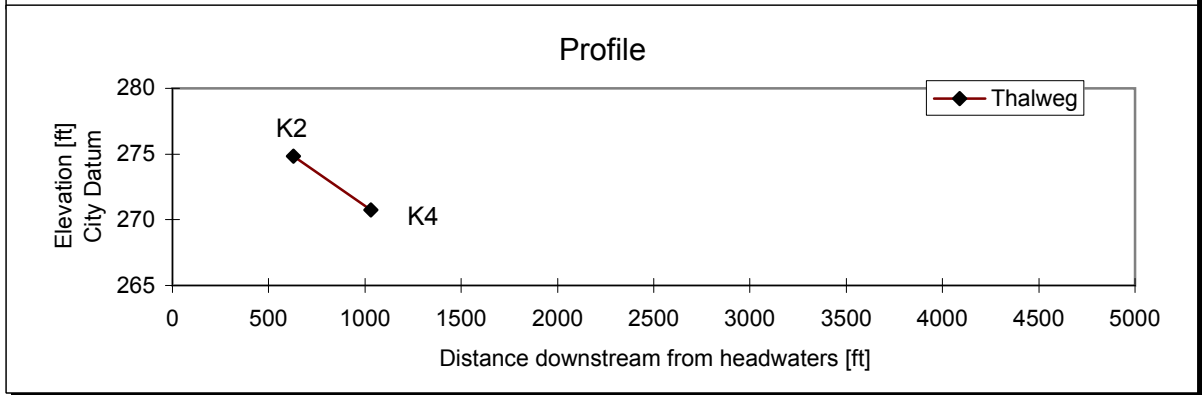
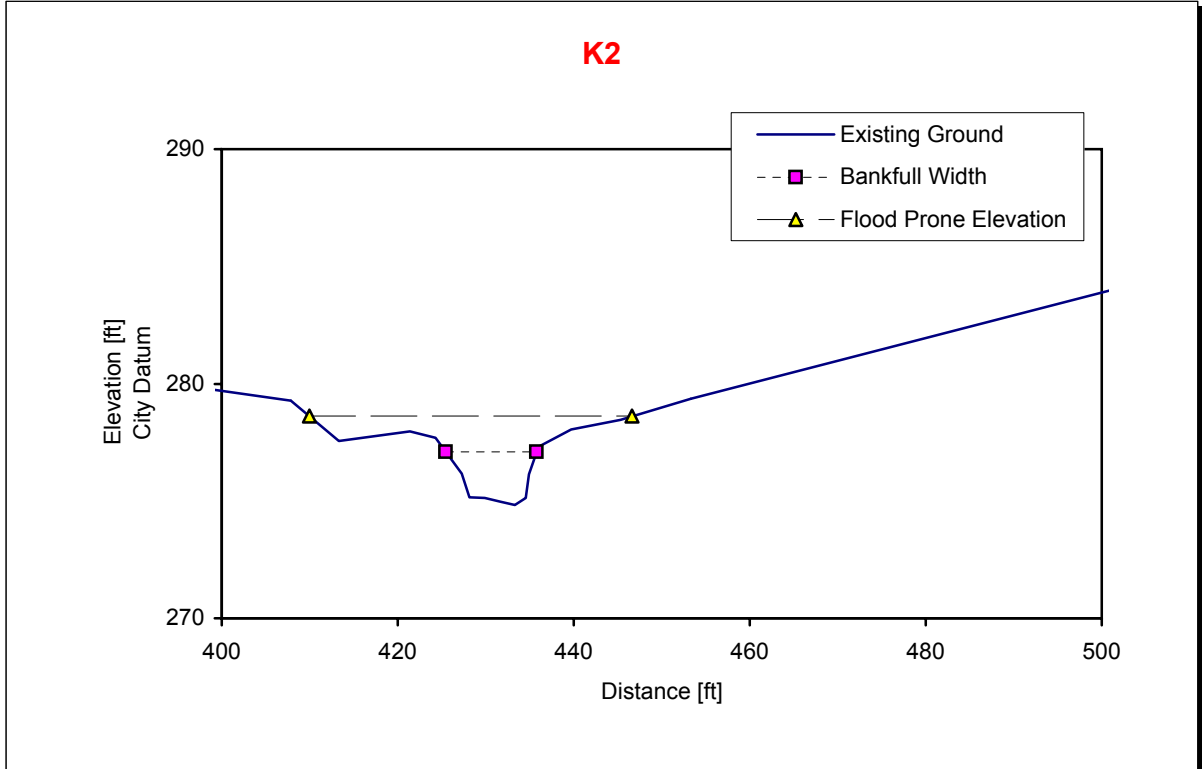
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	2.02
Width:Depth	10.41
Sinosity	1.18
Slope	0.0072
D50	90 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	2.68 [ft]
Area	74.65 [sq.ft]
Manning's n	0.0350
Velocity	6.67 [ft/s]
Discharge	497.75 [cfs]
Shear Stress	1.13 [lb/sq.ft]

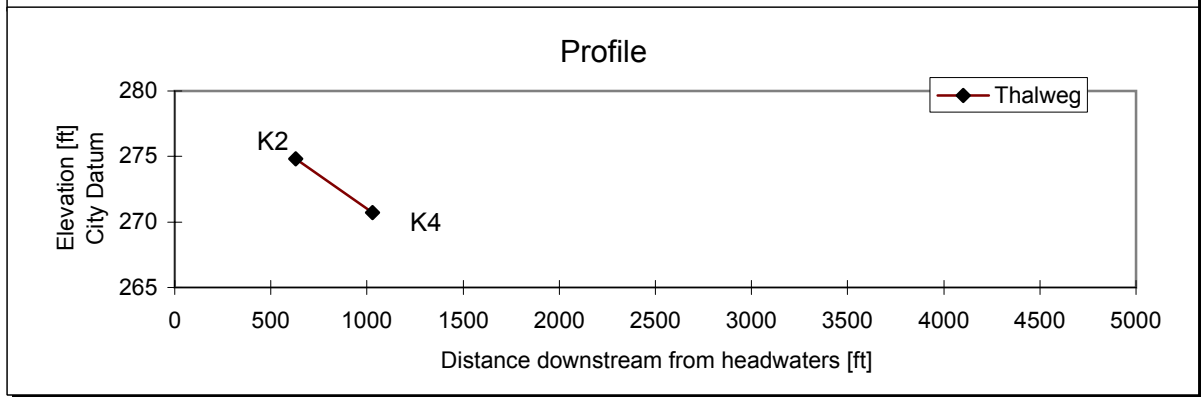
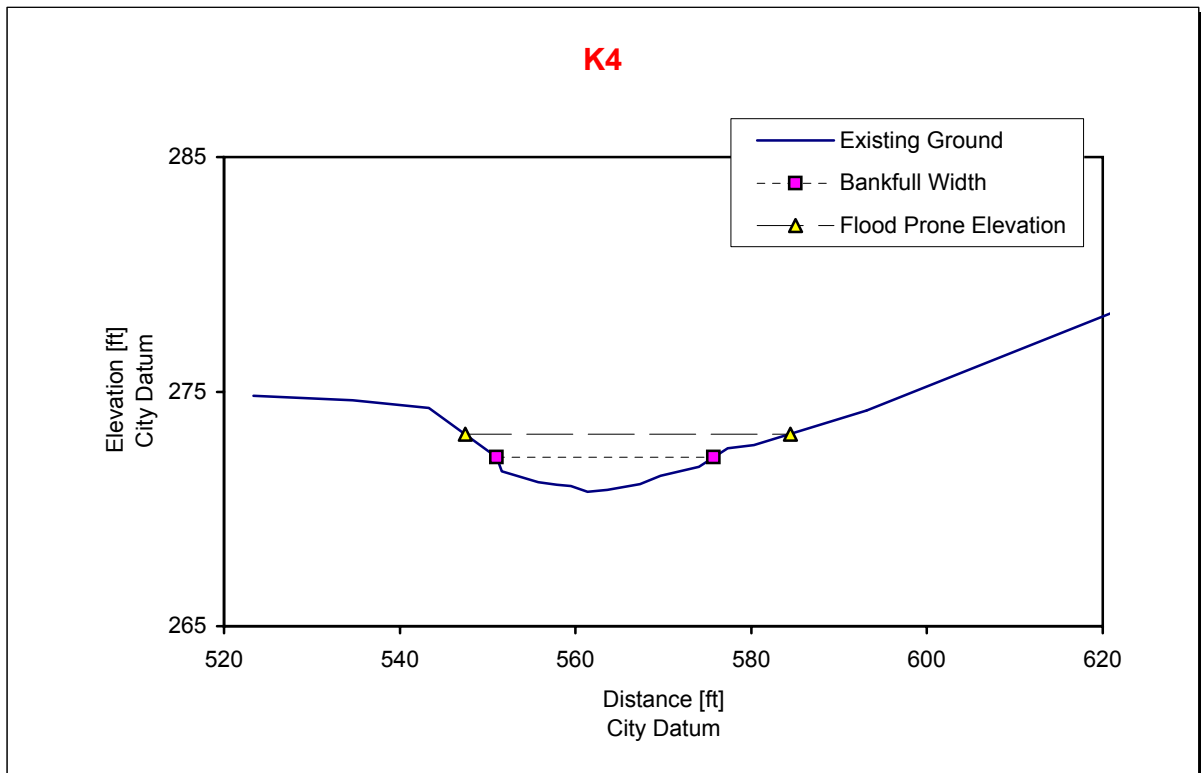
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Jenkintown
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	3.54
Width:Depth	6.55
Sinosity	1.03
Slope	0.0102
D50	32 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	1.58 [ft]
Area	16.32 [sq.ft]
Manning's n	0.0350
Velocity	5.22 [ft/s]
Discharge	85.13 [cfs]
Shear Stress	0.85 [lb/sq.ft]

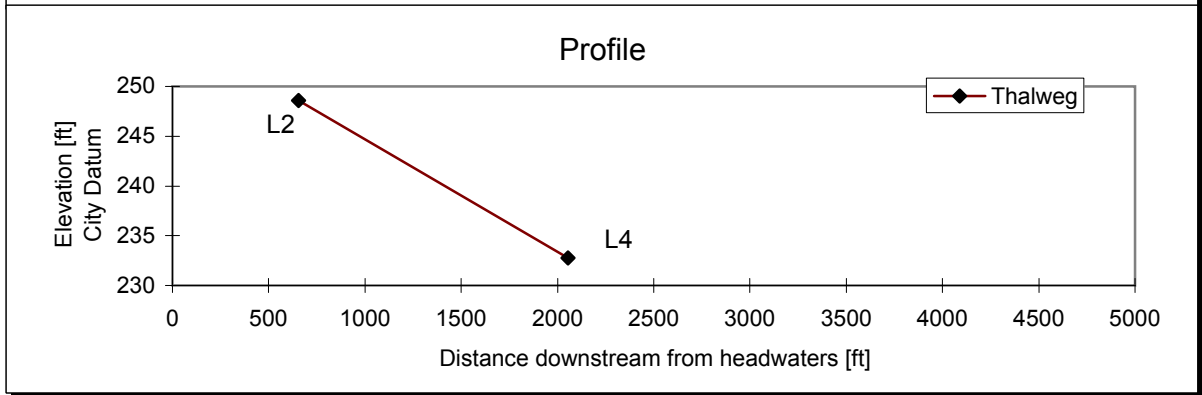
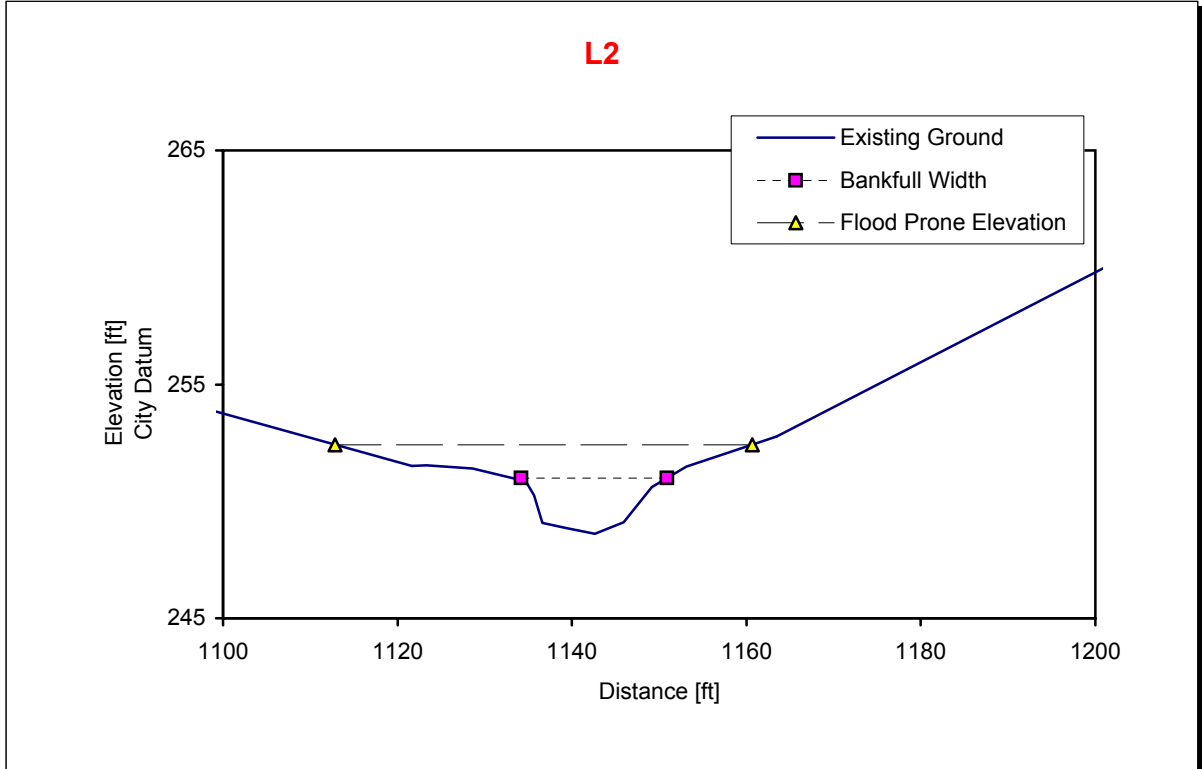
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	K
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	1.50
Width:Depth	25.90
Sinosity	1.02
Slope	0.0102
D50	64 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	0.95 [ft]
Area	23.52 [sq.ft]
Manning's n	0.0350
Velocity	4.13 [ft/s]
Discharge	97.05 [cfs]
Shear Stress	0.60 [lb/sq.ft]

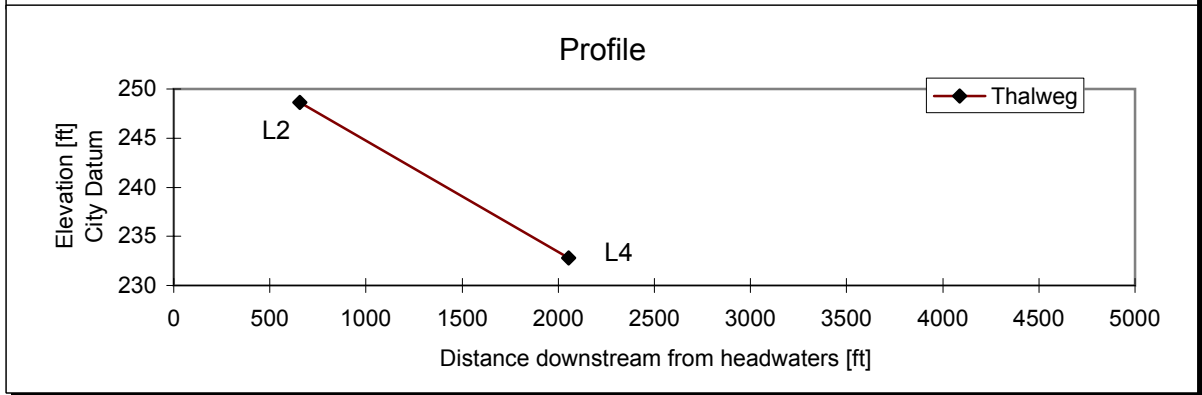
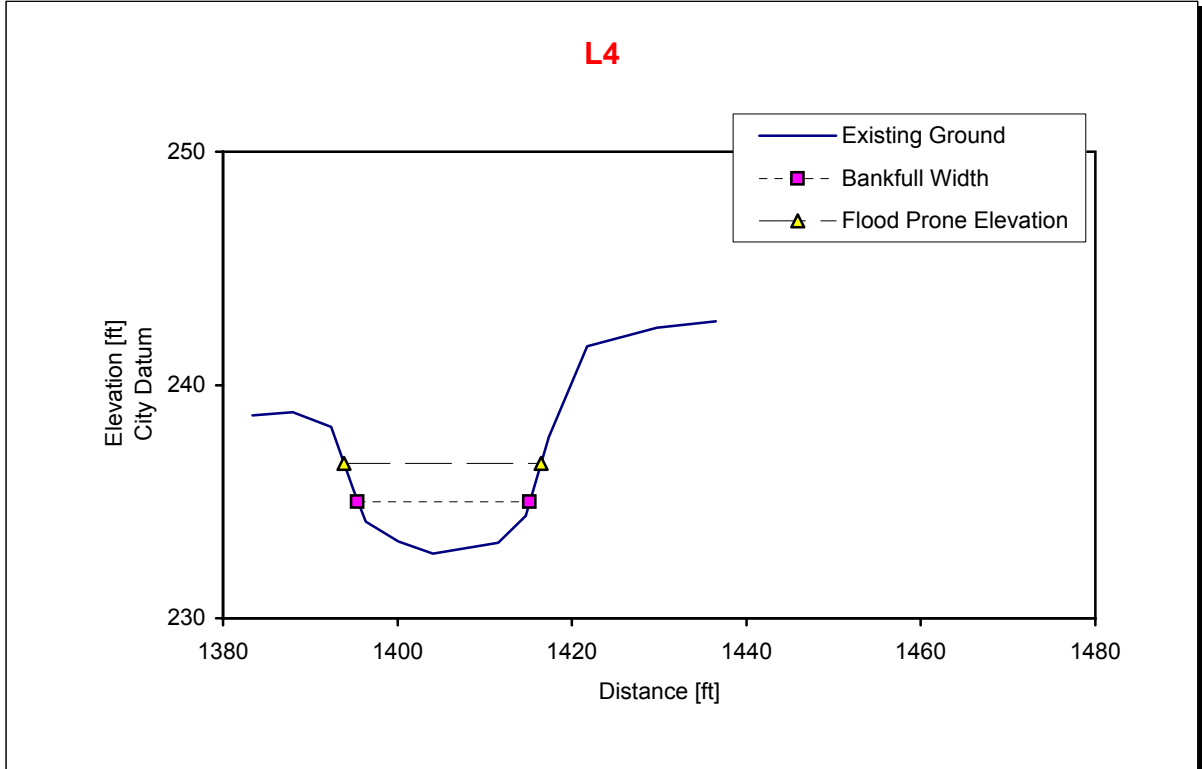
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	K
<b>Location:</b>	Abington Township



Rosgen Stream Type Classification	
Entrenchment	2.68
Width:Depth	12.27
Sinosity	1.12
Slope	0.0113
D50	256 [mm]
Stream Type	C3

Flow Calculations	
Bankfull Depth	1.45 [ft]
Area	25.92 [sq.ft]
Manning's n	0.0400
Velocity	4.88 [ft/s]
Discharge	126.44 [cfs]
Shear Stress	0.96 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	L
<b>Location:</b>	Cheltenham Township



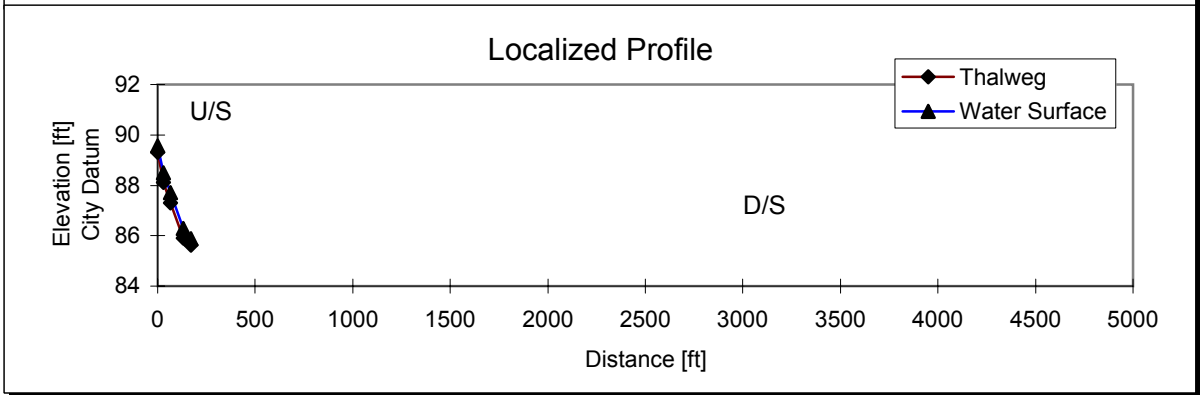
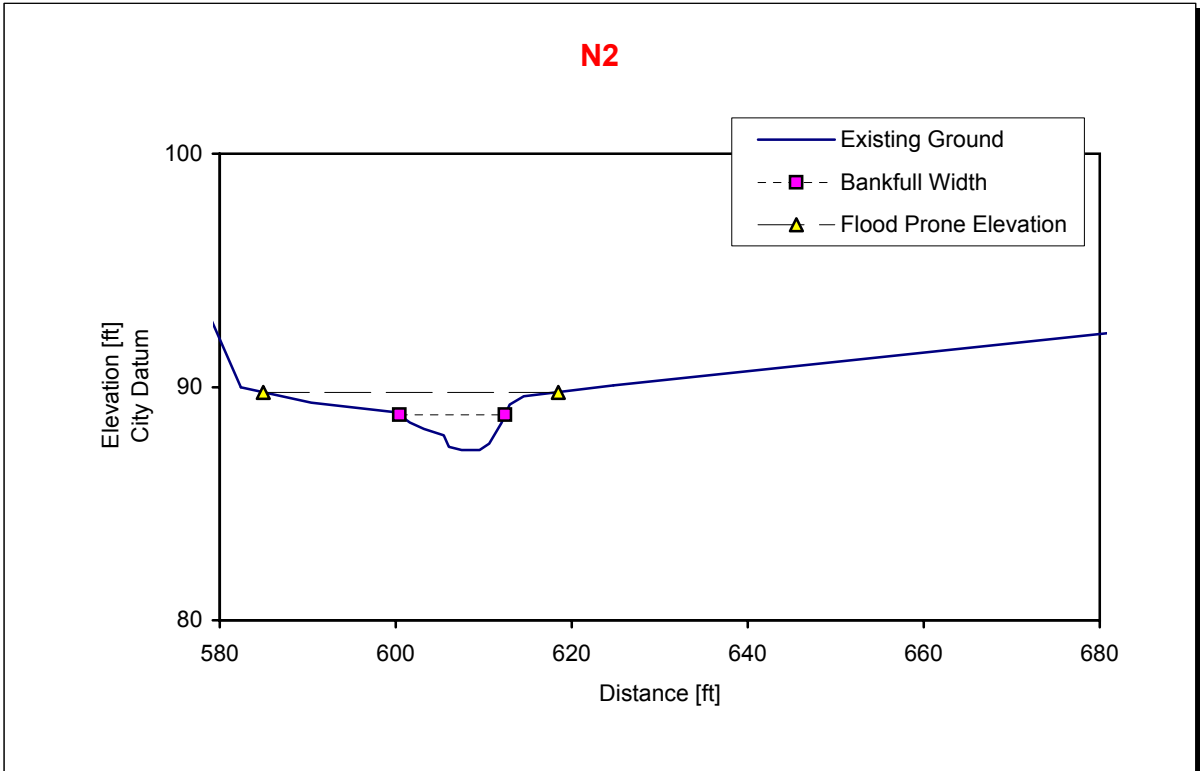
Rosgen Stream Type Classification	
Entrenchment	1.15
Width:Depth	12.17
Sinosity	1.35
Slope	0.0113
D50	256 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	1.62 [ft]
Area	31.84 [sq.ft]
Manning's n	0.0400
Velocity	5.29 [ft/s]
Discharge	168.31 [cfs]
Shear Stress	1.09 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	L
<b>Location:</b>	Cheltenham Township



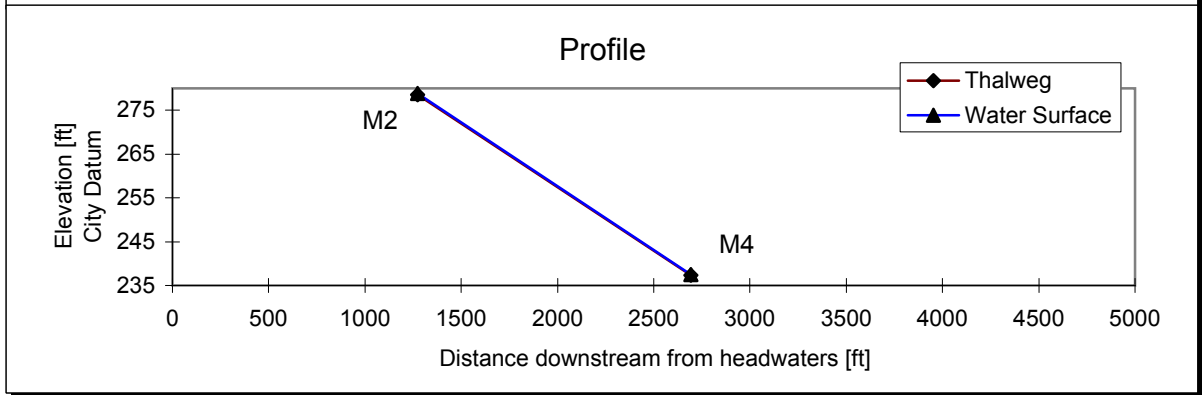
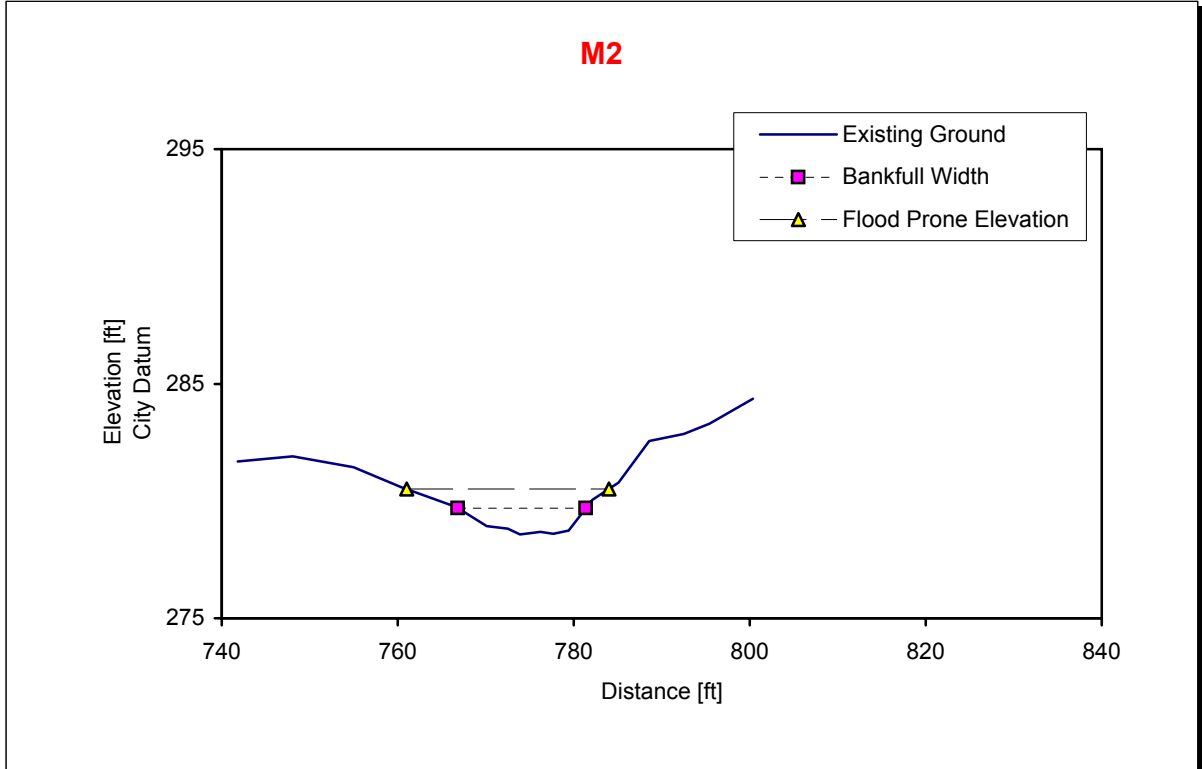
## N2



Rosgen Stream Type Classification	
Entrenchment	2.81
Width:Depth	12.95
Sinosity	1.12
Slope	0.0217
D50	90 [mm]
Stream Type	C4b

Flow Calculations	
Bankfull Depth	0.92 [ft]
Area	11.02 [sq.ft]
Manning's n	0.0370
Velocity	5.42 [ft/s]
Discharge	59.71 [cfs]
Shear Stress	1.18 [lb/sq.ft]

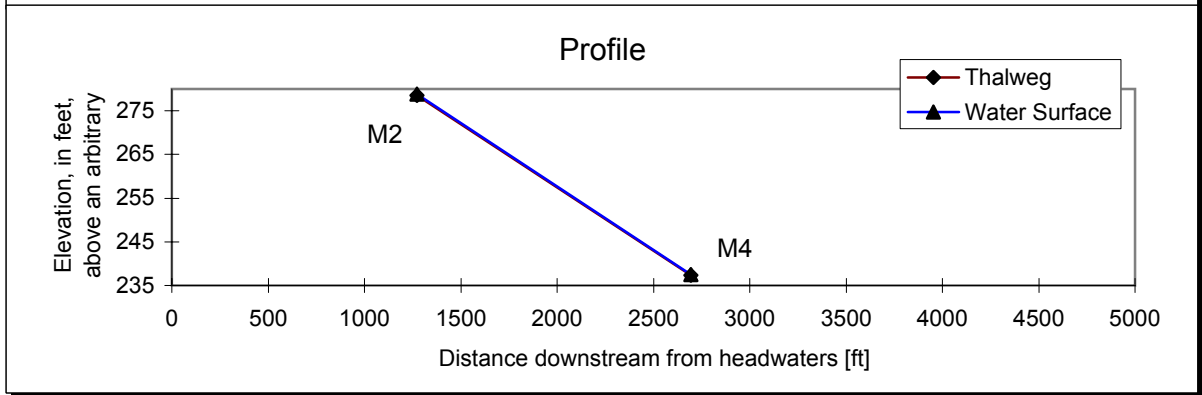
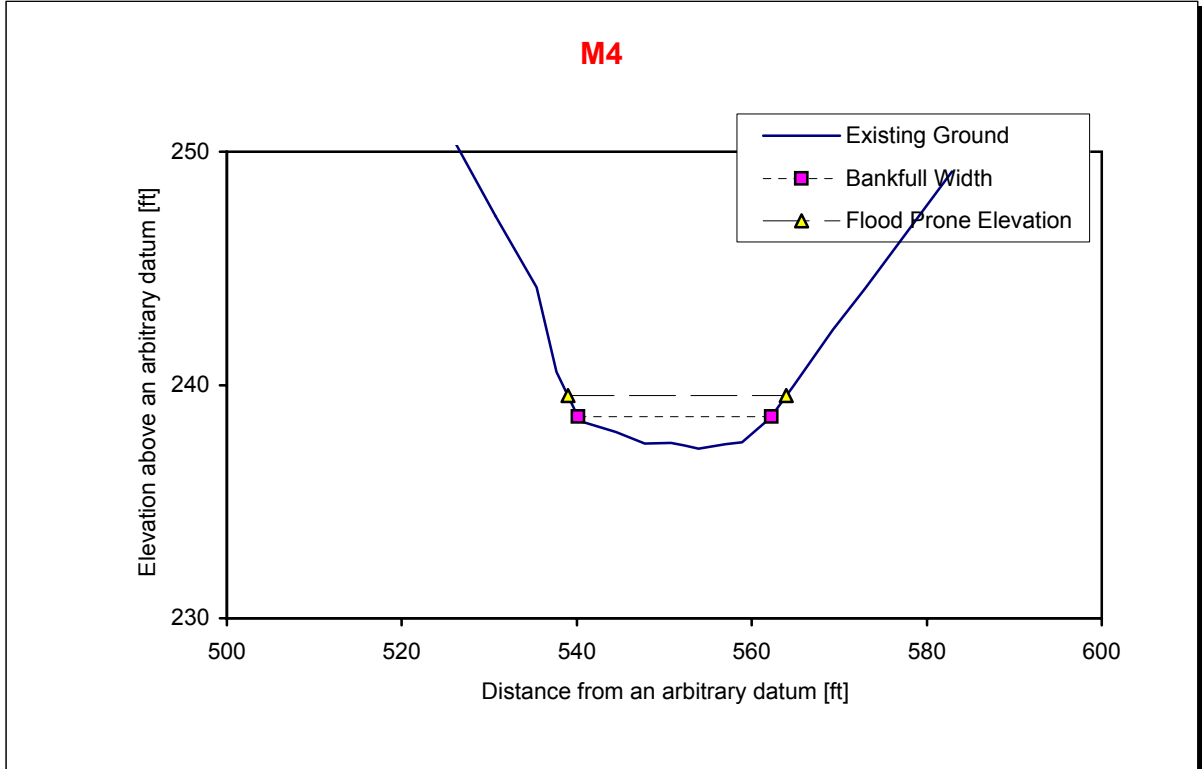
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	N
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.58
Width:Depth	18.58
Sinosity	1.27
Slope	0.0291
D50	128 [mm]
Stream Type	B3

Flow Calculations	
Bankfull Depth	0.78 [ft]
Area	11.39 [sq.ft]
Manning's n	0.0370
Velocity	5.74 [ft/s]
Discharge	65.40 [cfs]
Shear Stress	1.39 [lb/sq.ft]

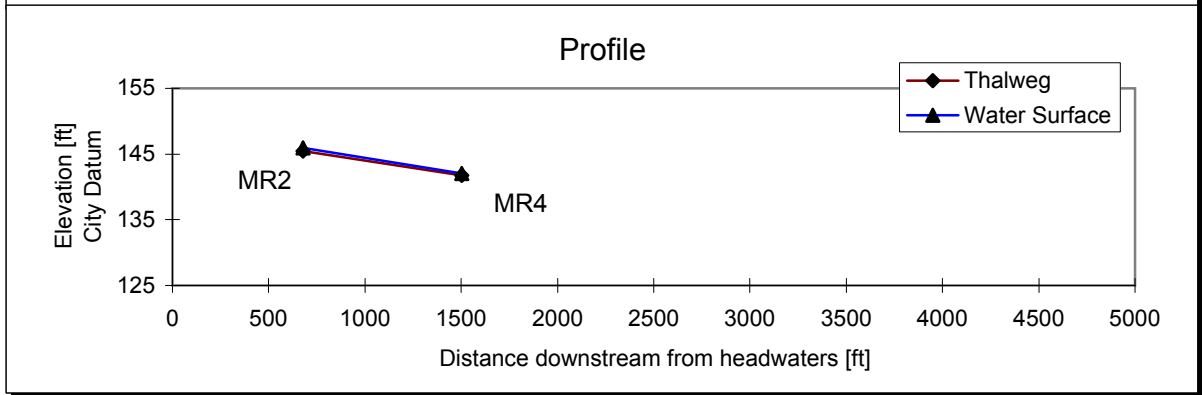
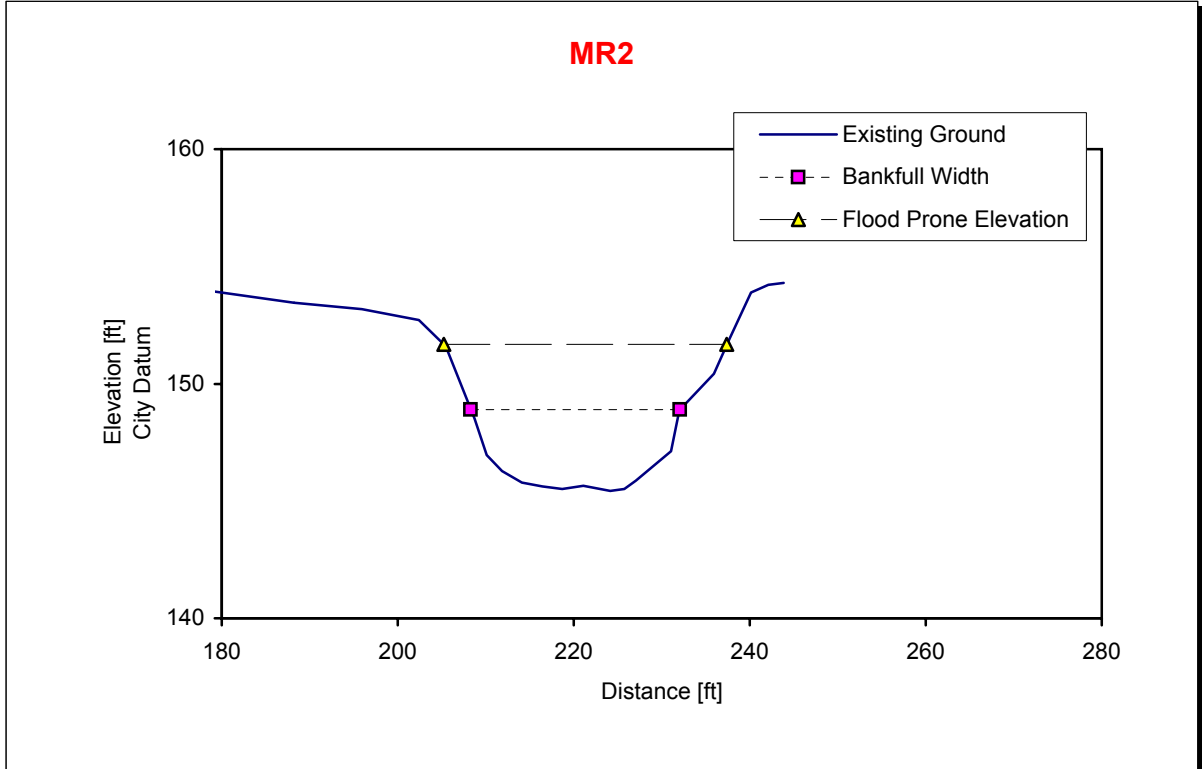
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	M
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.13
Width:Depth	24.18
Sinosity	1.02
Slope	0.0291
D50	128 [mm]
Stream Type	F3b

Flow Calculations	
Bankfull Depth	0.91 [ft]
Area	20.21 [sq.ft]
Manning's n	0.0370
Velocity	6.40 [ft/s]
Discharge	129.39 [cfs]
Shear Stress	1.63 [lb/sq.ft]

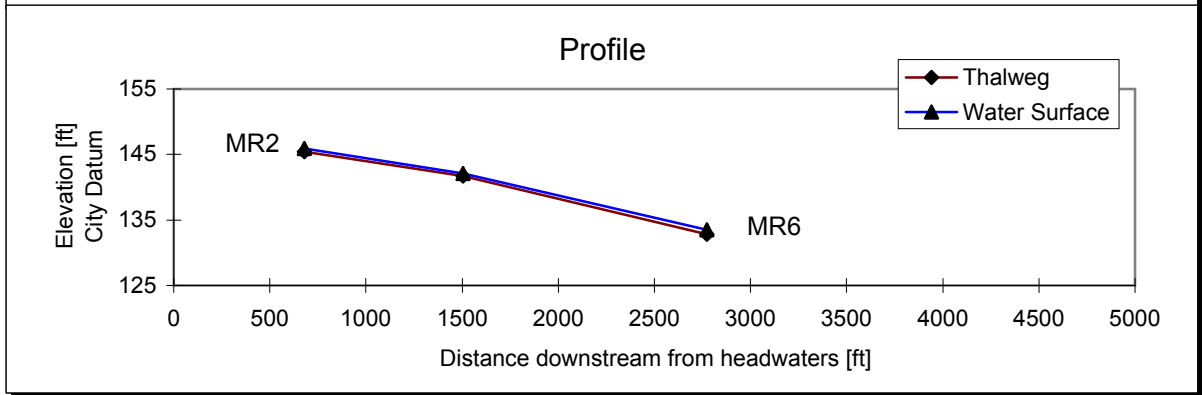
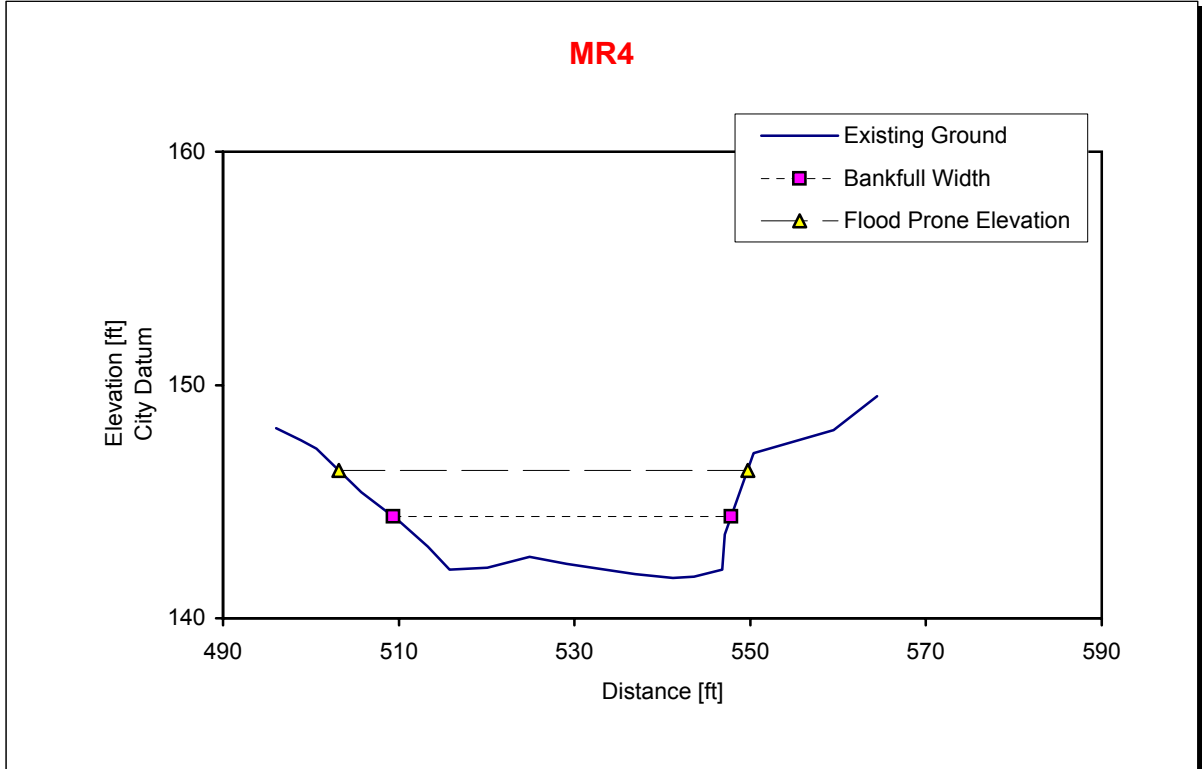
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	M
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.35
Width:Depth	8.63
Sinosity	1.02
Slope	0.0047
D50	180 [mm]
Stream Type	G3c

Flow Calculations	
Bankfull Depth	2.75 [ft]
Area	65.42 [sq.ft]
Manning's n	0.0370
Velocity	5.08 [ft/s]
Discharge	332.60 [cfs]
Shear Stress	0.73 [lb/sq.ft]

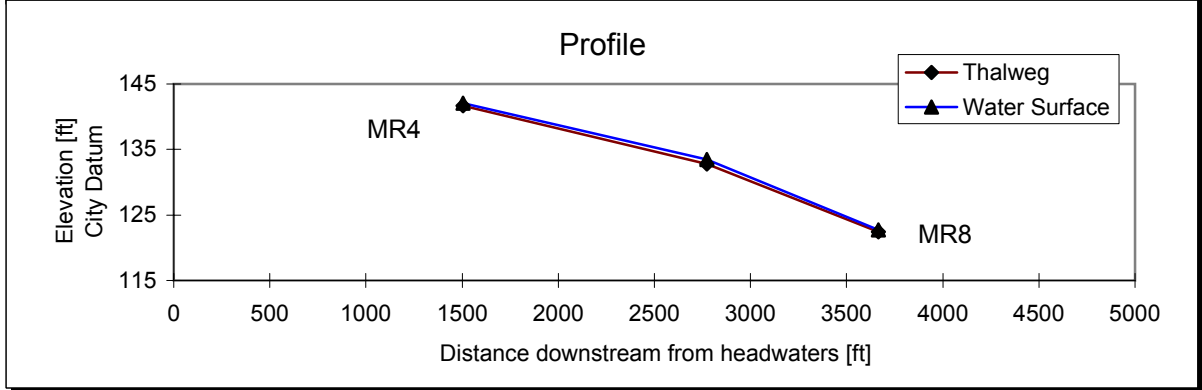
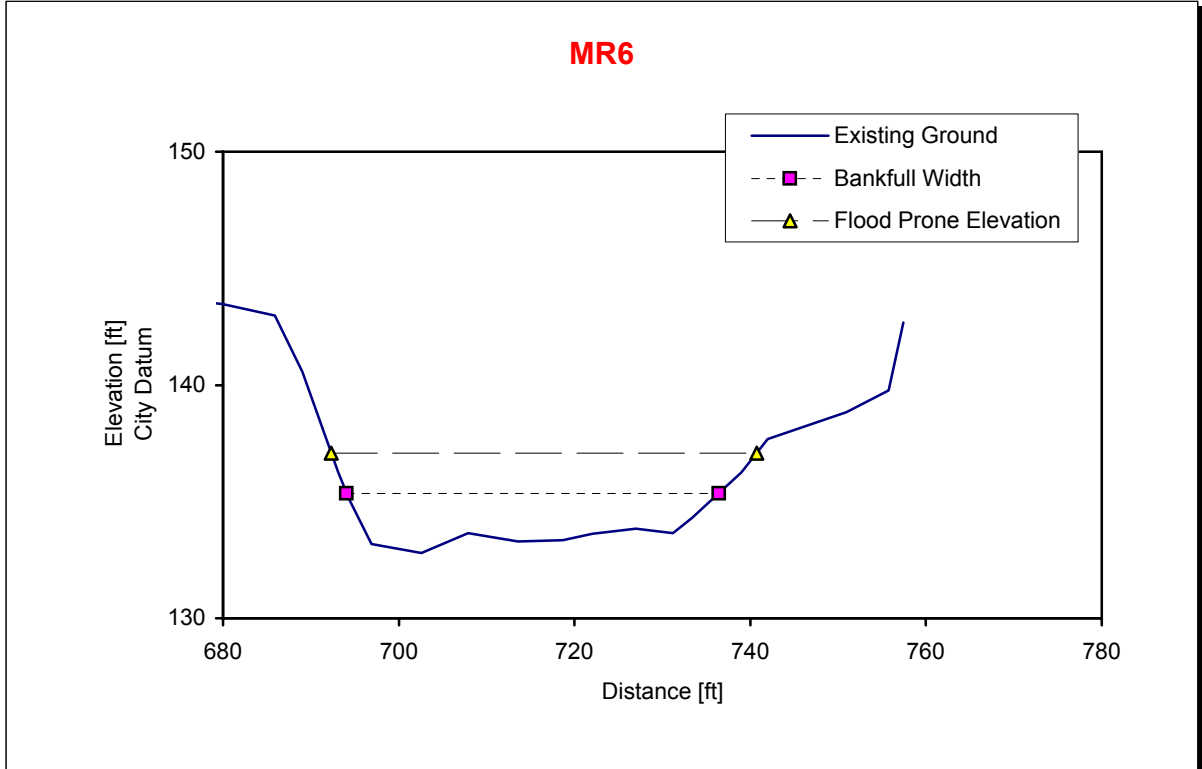
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Mill Run
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.21
Width:Depth	19.26
Sinosity	1.01
Slope	0.0059
D50	64 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.00 [ft]
Area	76.83 [sq.ft]
Manning's n	0.0350
Velocity	5.03 [ft/s]
Discharge	386.64 [cfs]
Shear Stress	0.70 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Mill Run
<b>Location:</b>	Cheltenham Township

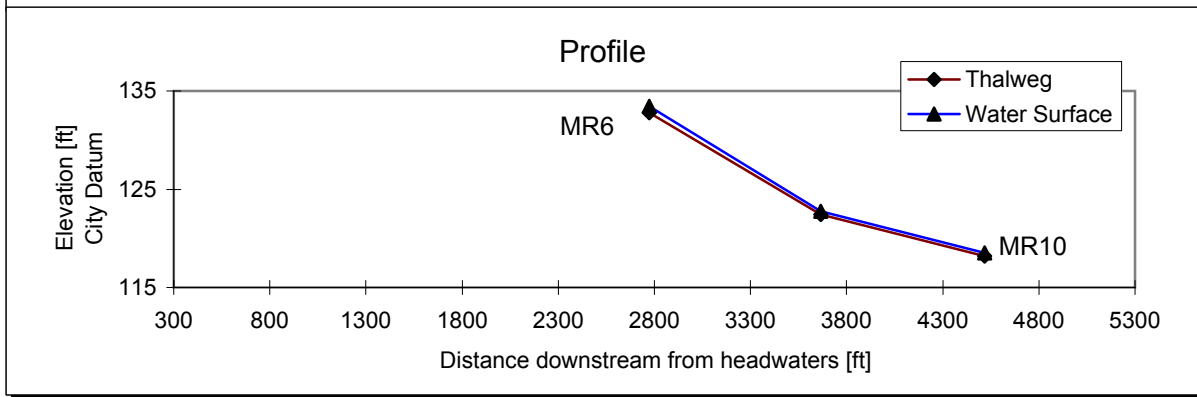
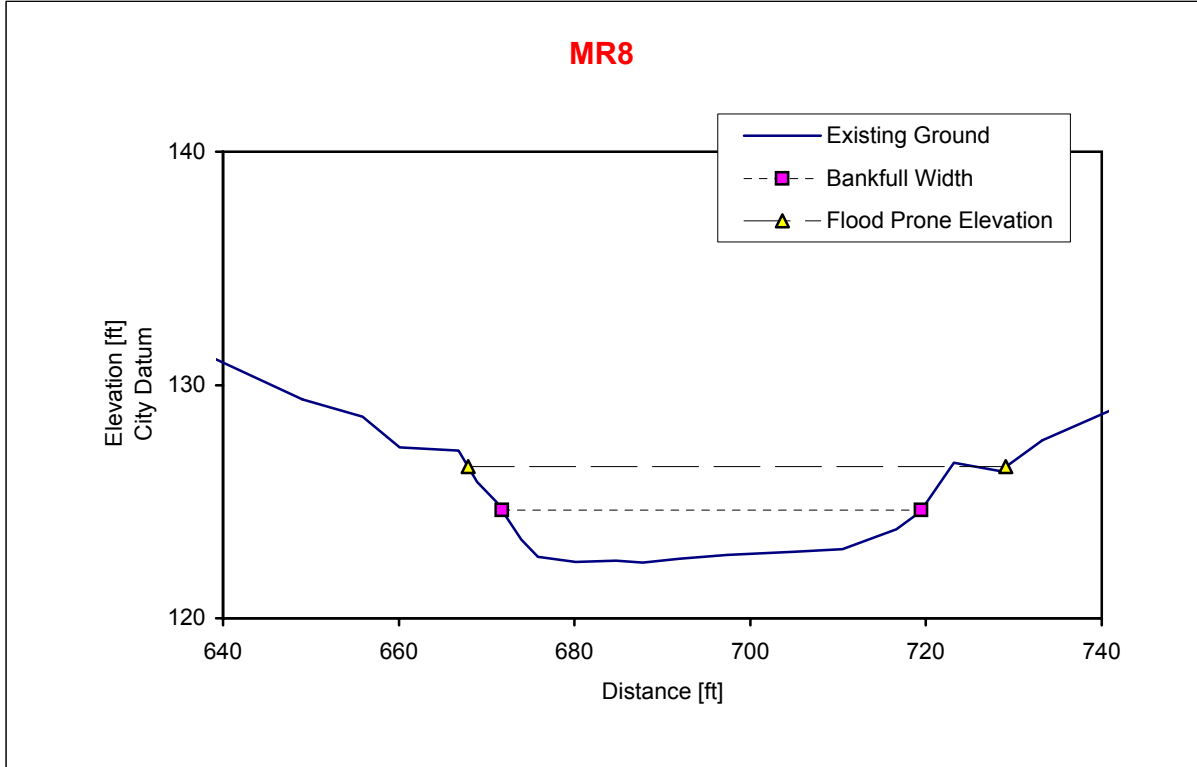


Rosgen Stream Type Classification	
Entrenchment	1.14
Width:Depth	24.06
Sinosity	1.04
Slope	0.0089
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	1.76 [ft]
Area	74.44 [sq.ft]
Manning's n	0.0350
Velocity	5.76 [ft/s]
Discharge	428.98 [cfs]
Shear Stress	0.95 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Mill Run
<b>Location:</b>	Cheltenham Township

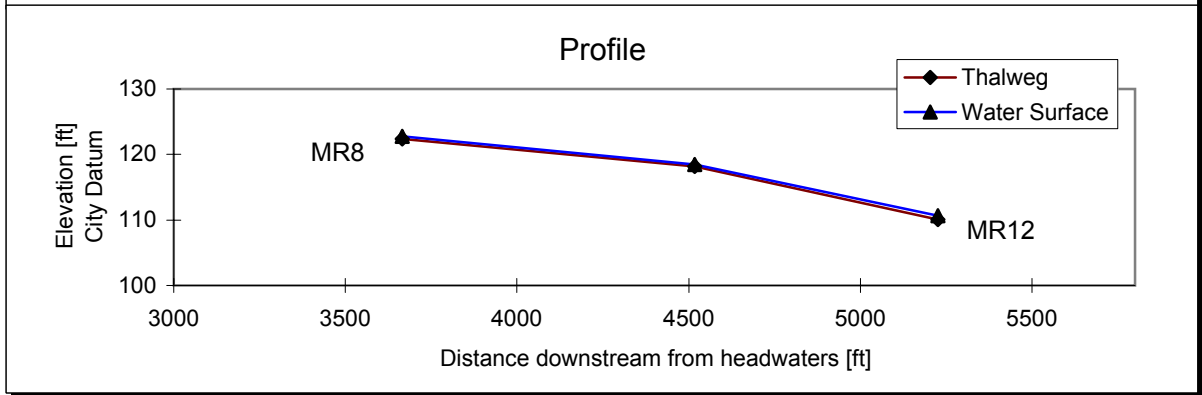
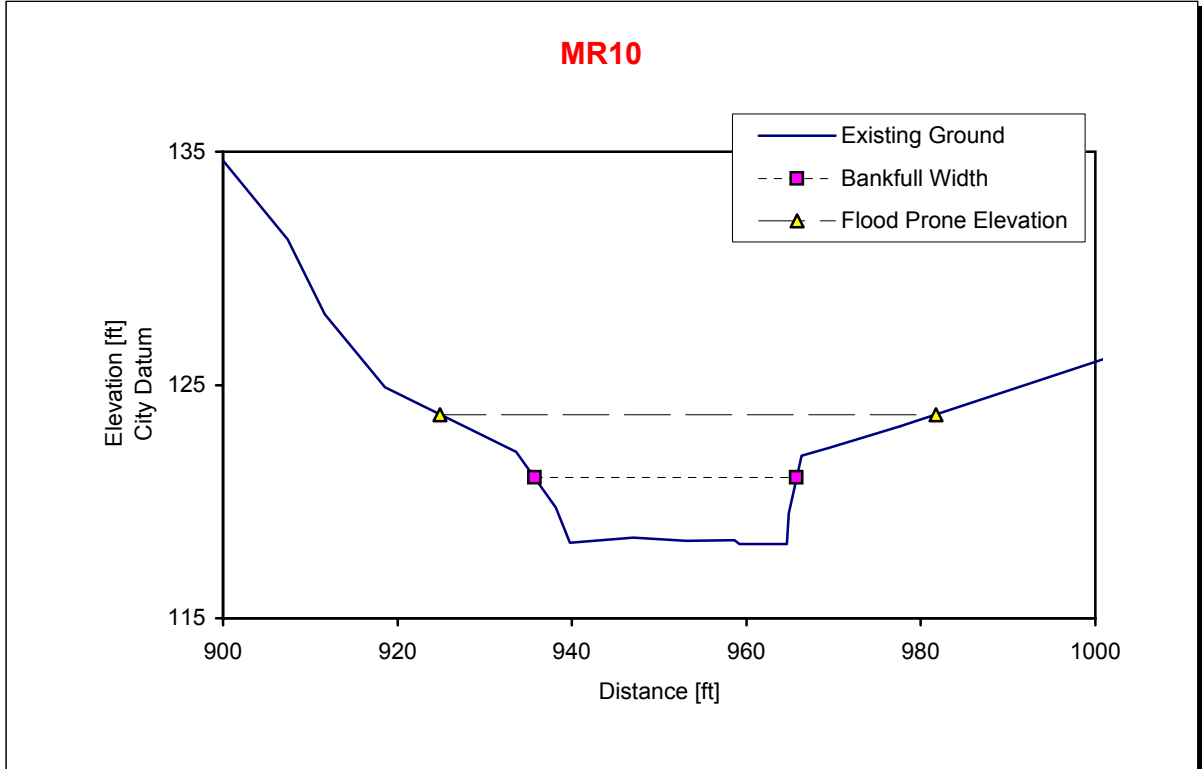
### MR8



Rosgen Stream Type Classification	
Entrenchment	1.28
Width:Depth	27.31
Sinosity	1.08
Slope	0.0086
D50	128 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	1.75 [ft]
Area	83.59 [sq.ft]
Manning's n	0.0370
Velocity	5.37 [ft/s]
Discharge	448.48 [cfs]
Shear Stress	0.92 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Mill Run
<b>Location:</b>	Cheltenham Township



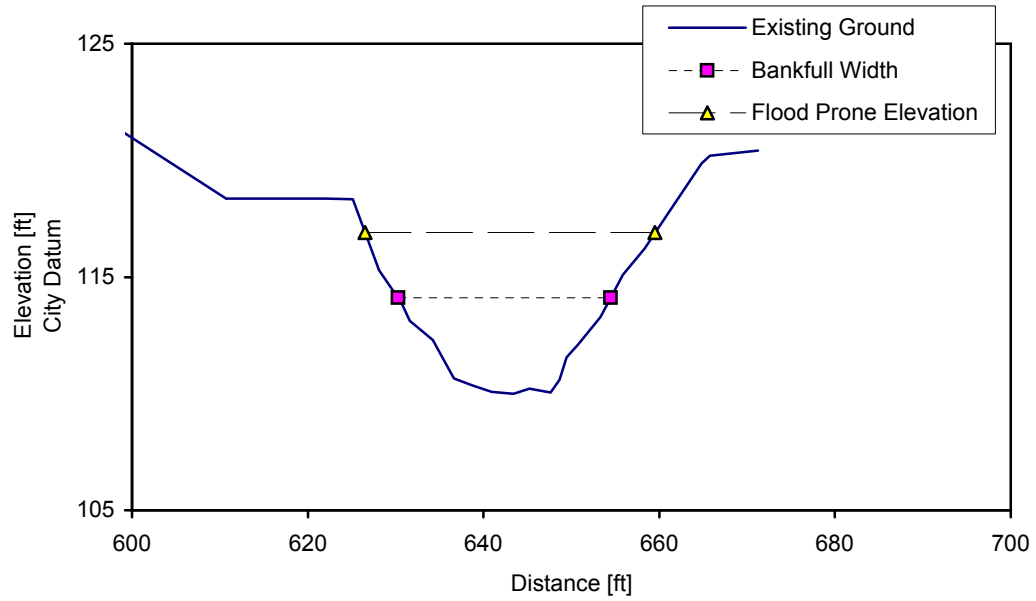
Rosgen Stream Type Classification	
Entrenchment	1.89
Width:Depth	12.28
Sinosity	1.08
Slope	0.0077
D50	64 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	2.45 [ft]
Area	73.54 [sq.ft]
Manning's n	0.0350
Velocity	6.39 [ft/s]
Discharge	469.63 [cfs]
Shear Stress	1.07 [lb/sq.ft]

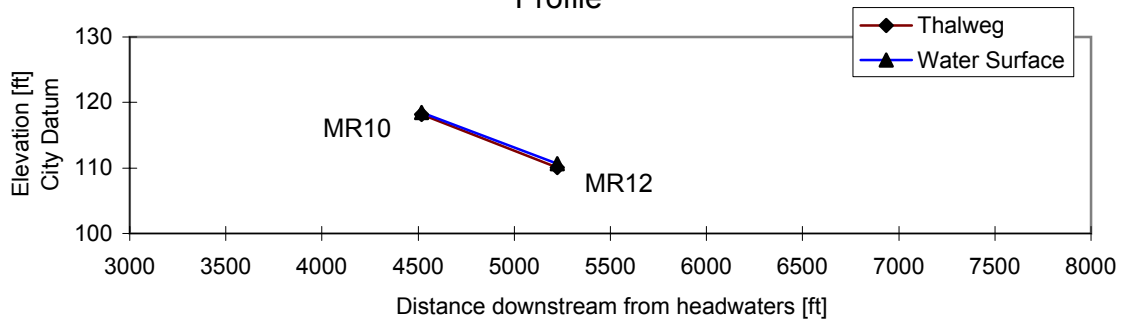
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Mill Run
<b>Location:</b>	Cheltenham Township



### MR12



### Profile



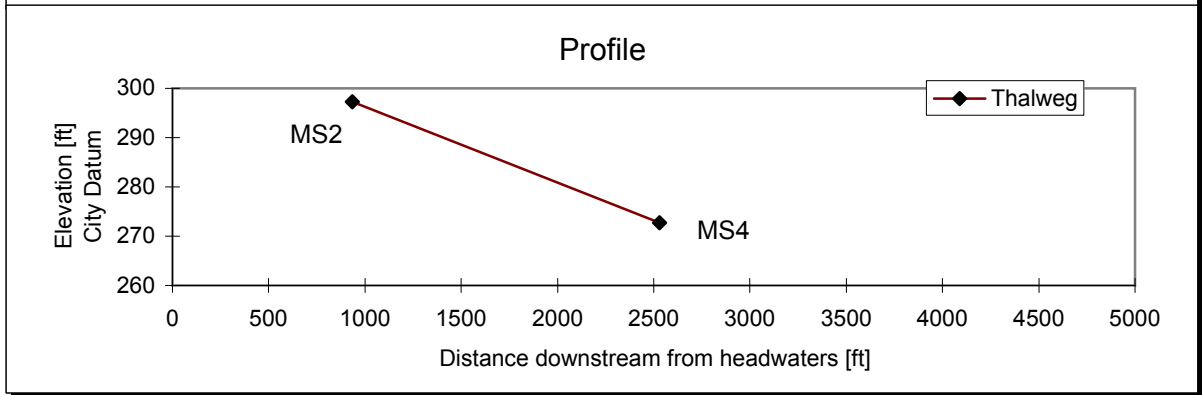
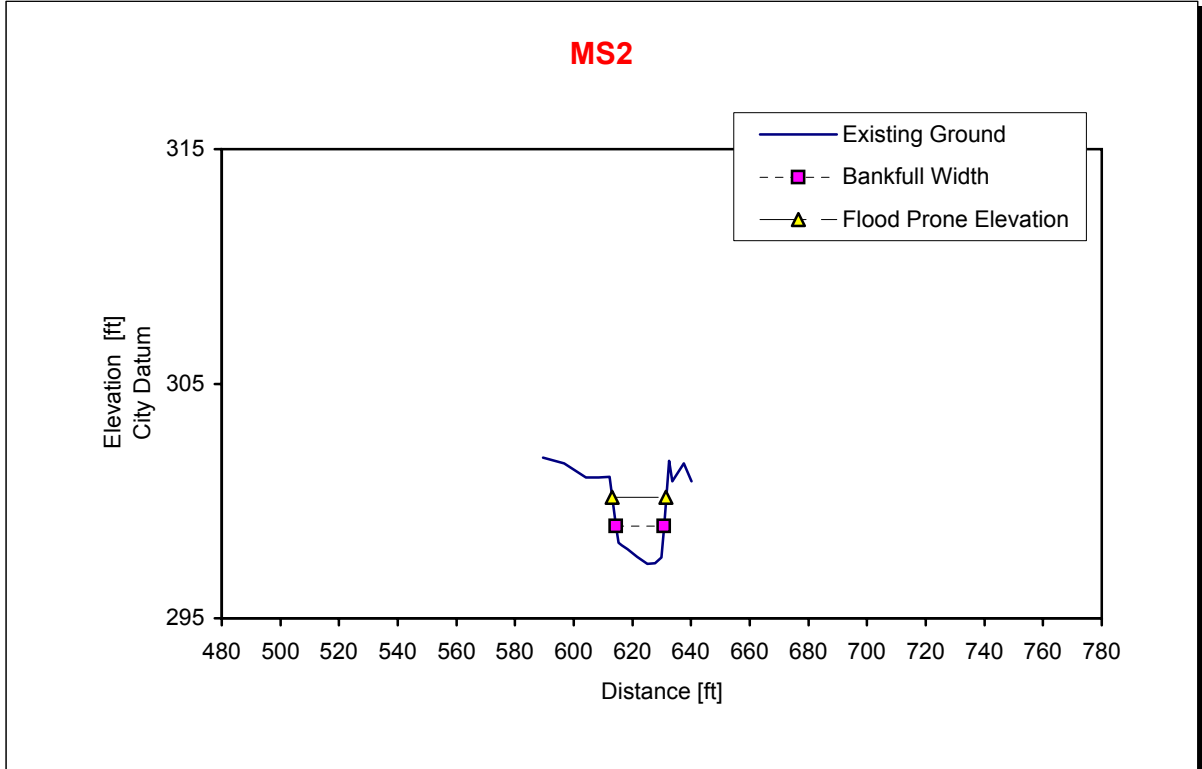
#### Rosgen Stream Type Classification

Entrenchment	1.36
Width:Depth	8.77
Sinosity	1.02
Slope	0.0110
D50	180 [mm]
Stream Type	G3c

#### Flow Calculations

Bankfull Depth	2.76 [ft]
Area	66.71 [sq.ft]
Manning's n	0.0400
Velocity	7.25 [ft/s]
Discharge	483.76 [cfs]
Shear Stress	1.73 [lb/sq.ft]

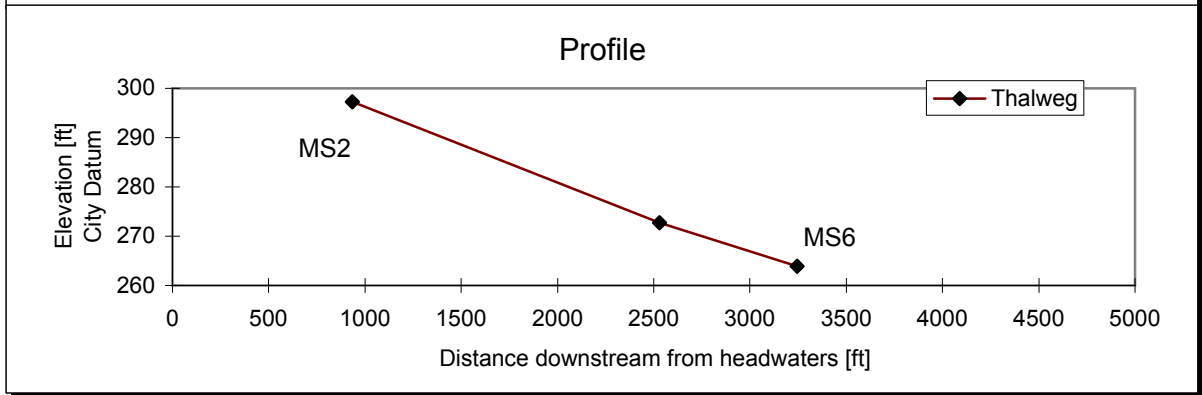
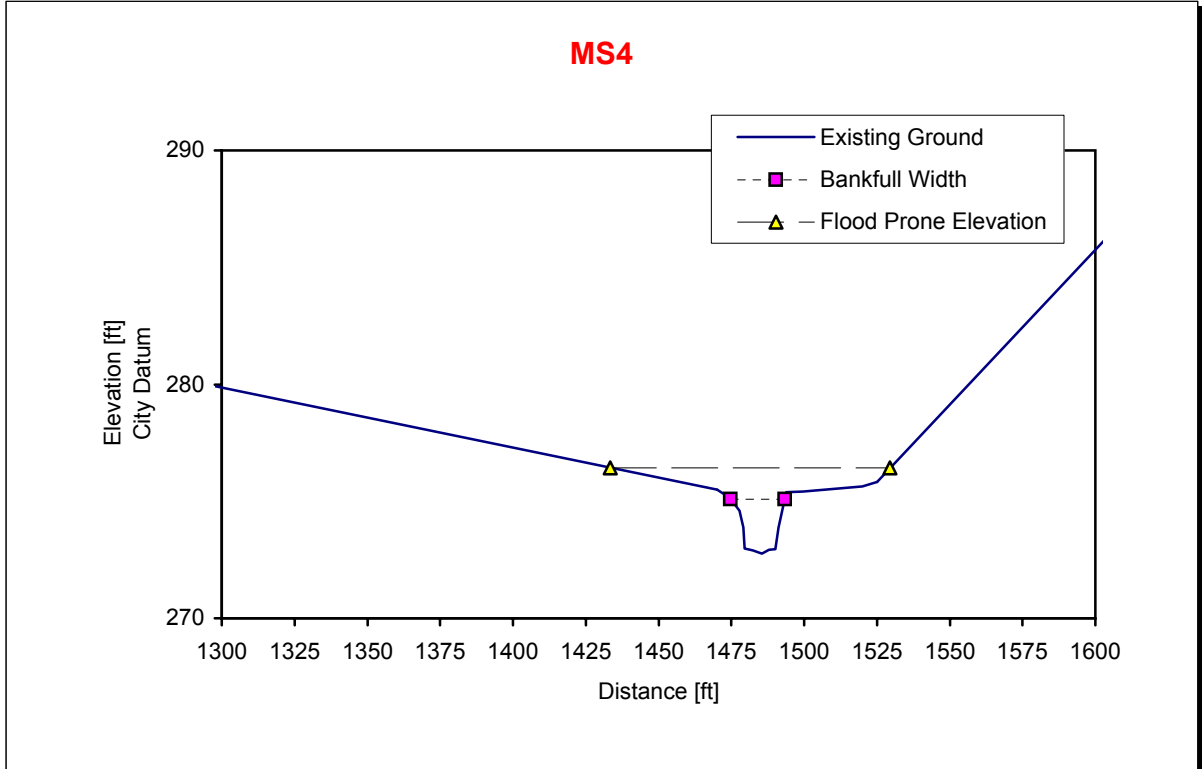
**Project Name:** Tacony Creek Stream Assessment  
**Creek:** Mill Run  
**Location:** Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.12
Width:Depth	13.48
Sinosity	1.24
Slope	0.0154
D50	128 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	1.22 [ft]
Area	19.90 [sq.ft]
Manning's n	0.0370
Velocity	5.46 [ft/s]
Discharge	108.78 [cfs]
Shear Stress	1.10 [lb/sq.ft]

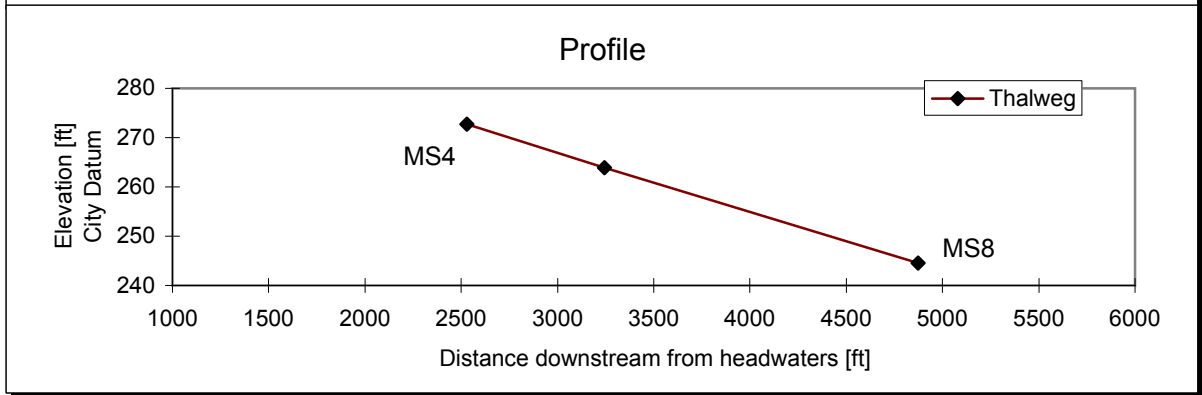
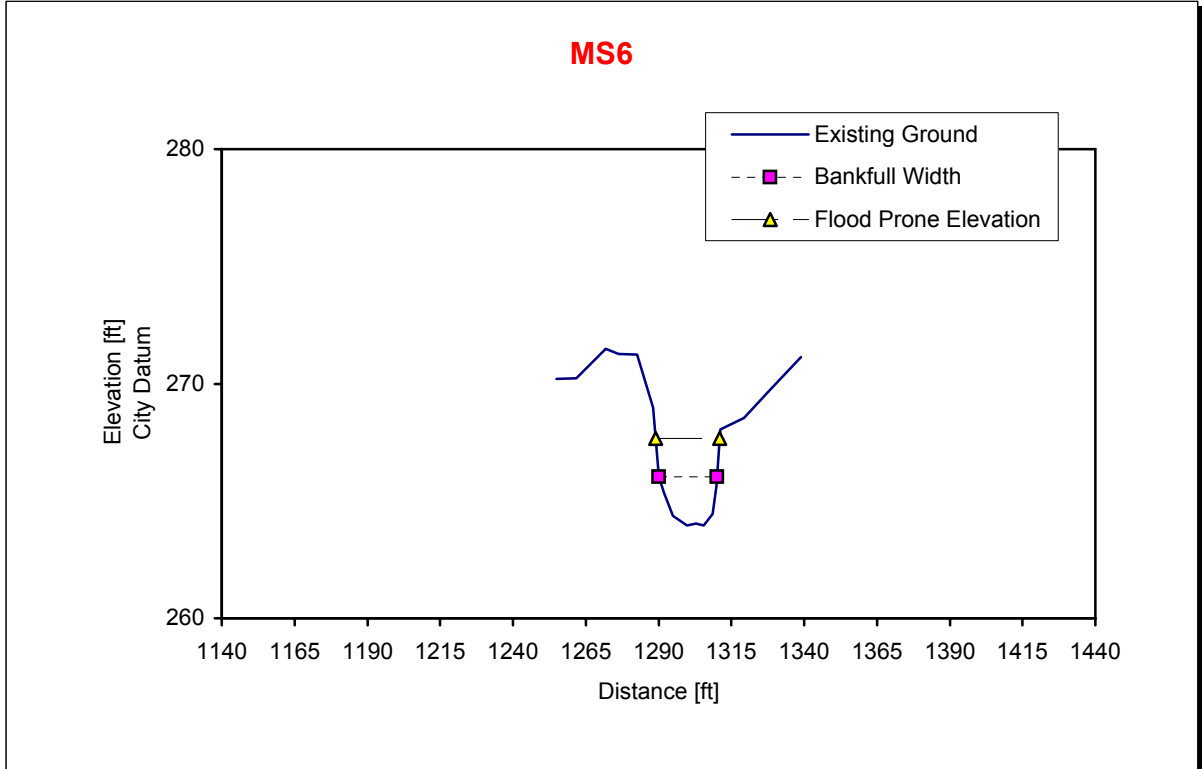
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	5.14
Width:Depth	11.90
Sinosity	1.13
Slope	0.0144
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	1.57 [ft]
Area	29.29 [sq.ft]
Manning's n	0.0350
Velocity	6.58 [ft/s]
Discharge	192.59 [cfs]
Shear Stress	1.31 [lb/sq.ft]

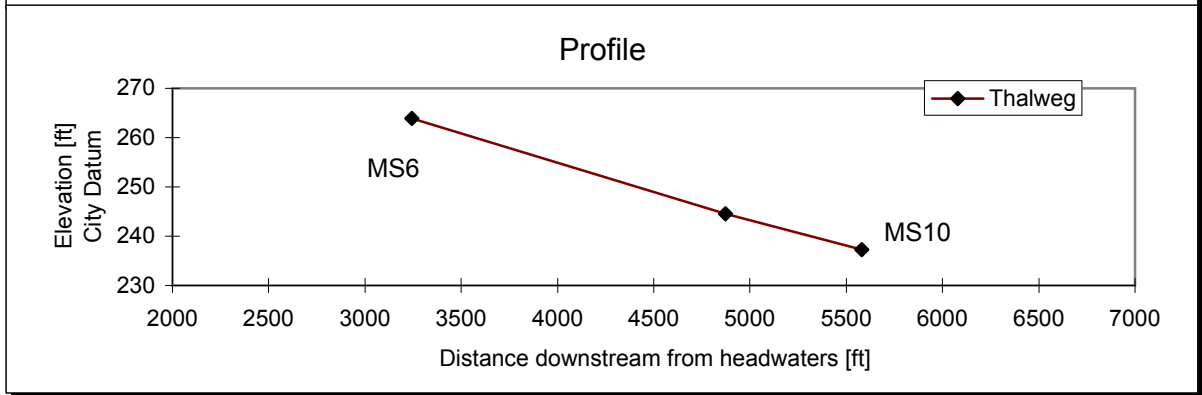
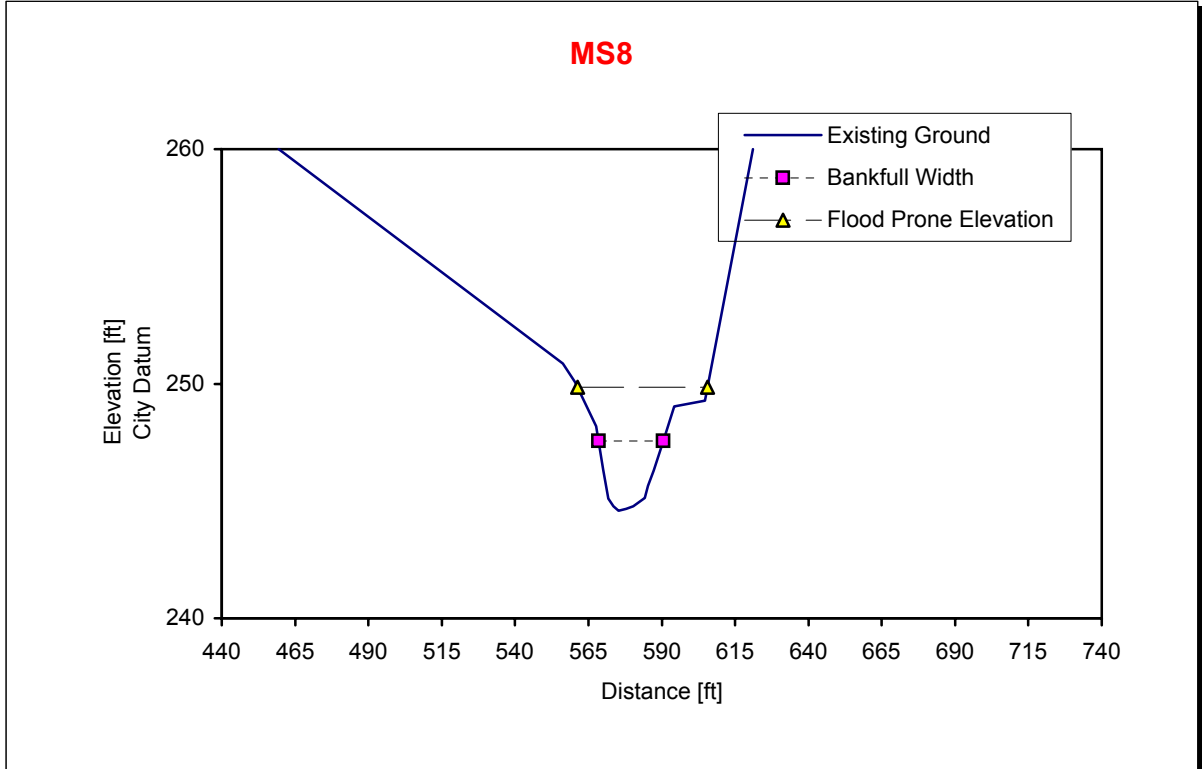
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.10
Width:Depth	12.37
Sinosity	1.09
Slope	0.0120
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	1.61 [ft]
Area	32.11 [sq.ft]
Manning's n	0.0350
Velocity	6.20 [ft/s]
Discharge	198.90 [cfs]
Shear Stress	1.15 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

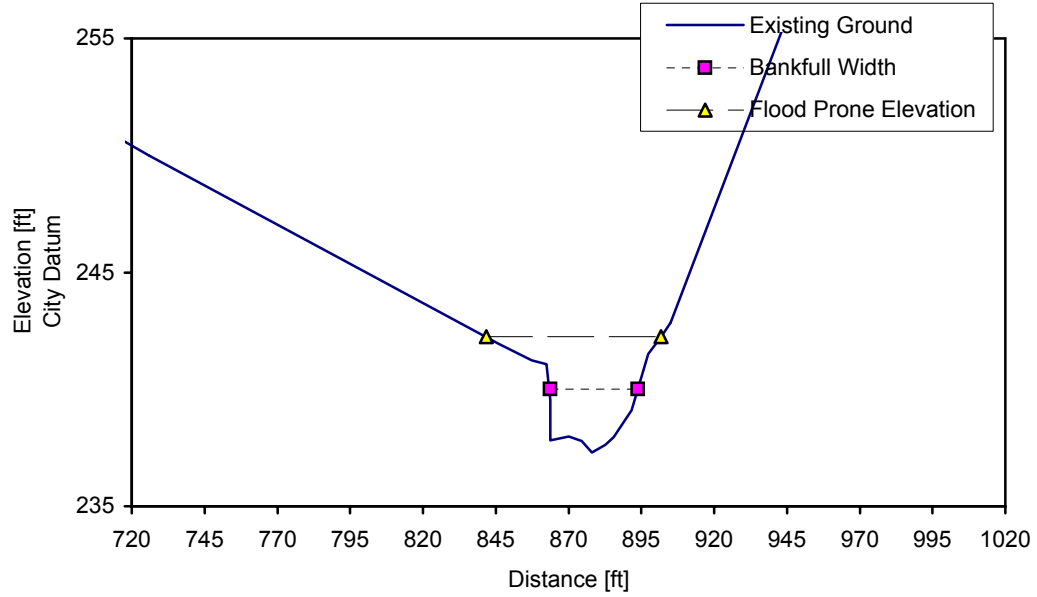


Rosgen Stream Type Classification	
Entrenchment	2.02
Width:Depth	10.48
Sinosity	1.03
Slope	0.0114
D50	90 [mm]
Stream Type	B4c

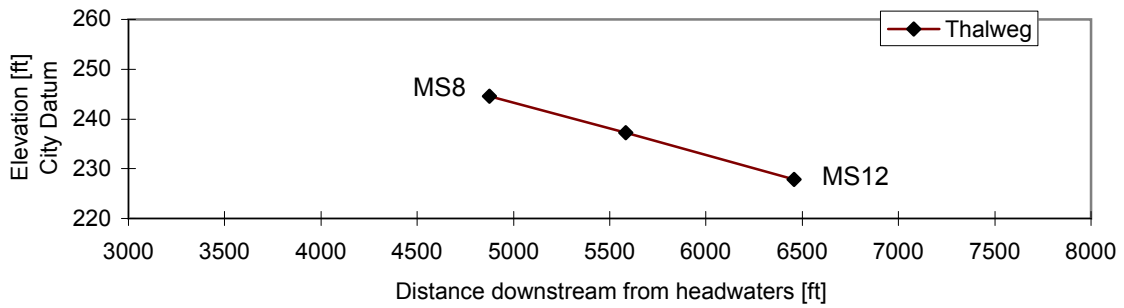
Flow Calculations	
Bankfull Depth	2.09 [ft]
Area	45.87 [sq.ft]
Manning's n	0.0370
Velocity	6.76 [ft/s]
Discharge	310.30 [cfs]
Shear Stress	1.40 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

### MS10



### Profile



#### Rosgen Stream Type Classification

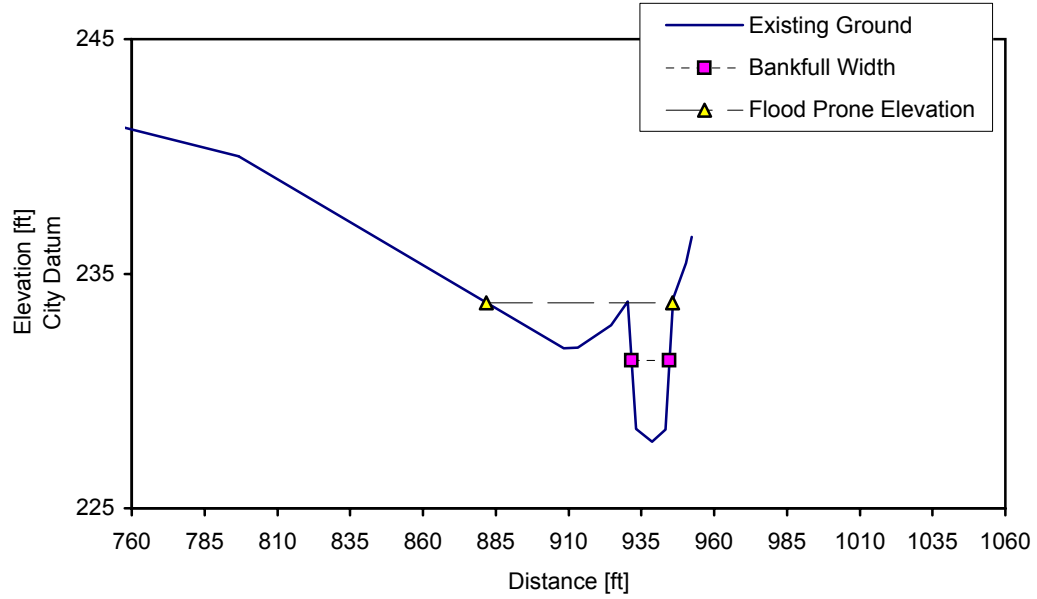
Entrenchment	1.97
Width:Depth	15.61
Sinuousity	1.03
Slope	0.0106
D50	180 [mm]
Stream Type	B3c

#### Flow Calculations

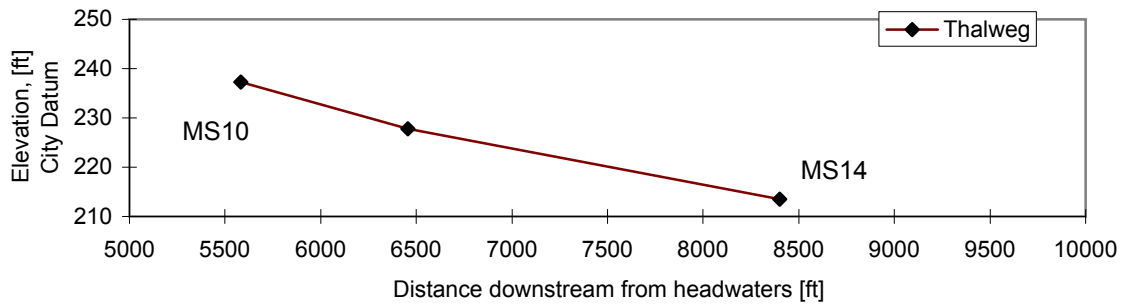
Bankfull Depth	1.95 [ft]
Area	59.57 [sq.ft]
Manning's n	0.0370
Velocity	6.16 [ft/s]
Discharge	367.15 [cfs]
Shear Stress	1.20 [lb/sq.ft]

**Project Name:** Tacony Creek Stream Assessment  
**Creek:** Main Stem Tacony  
**Location:** Cheltenham Township

### MS12



### Profile



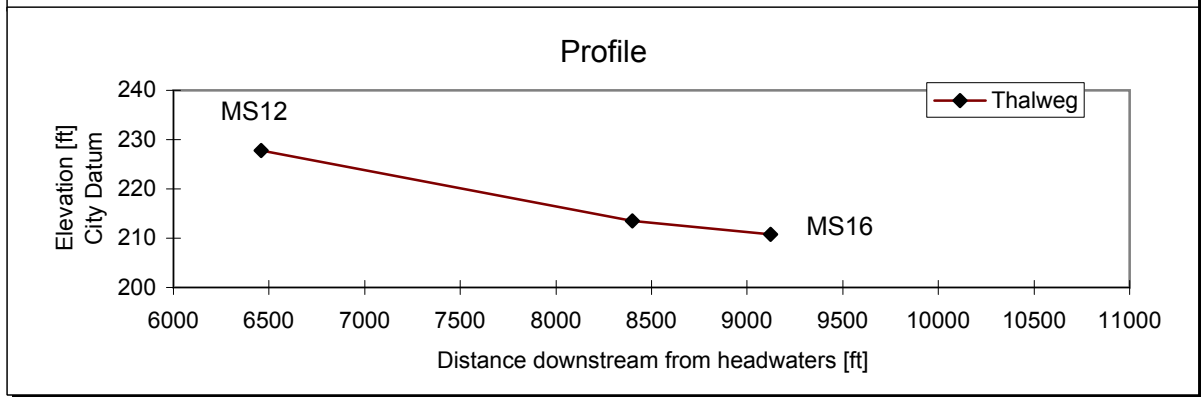
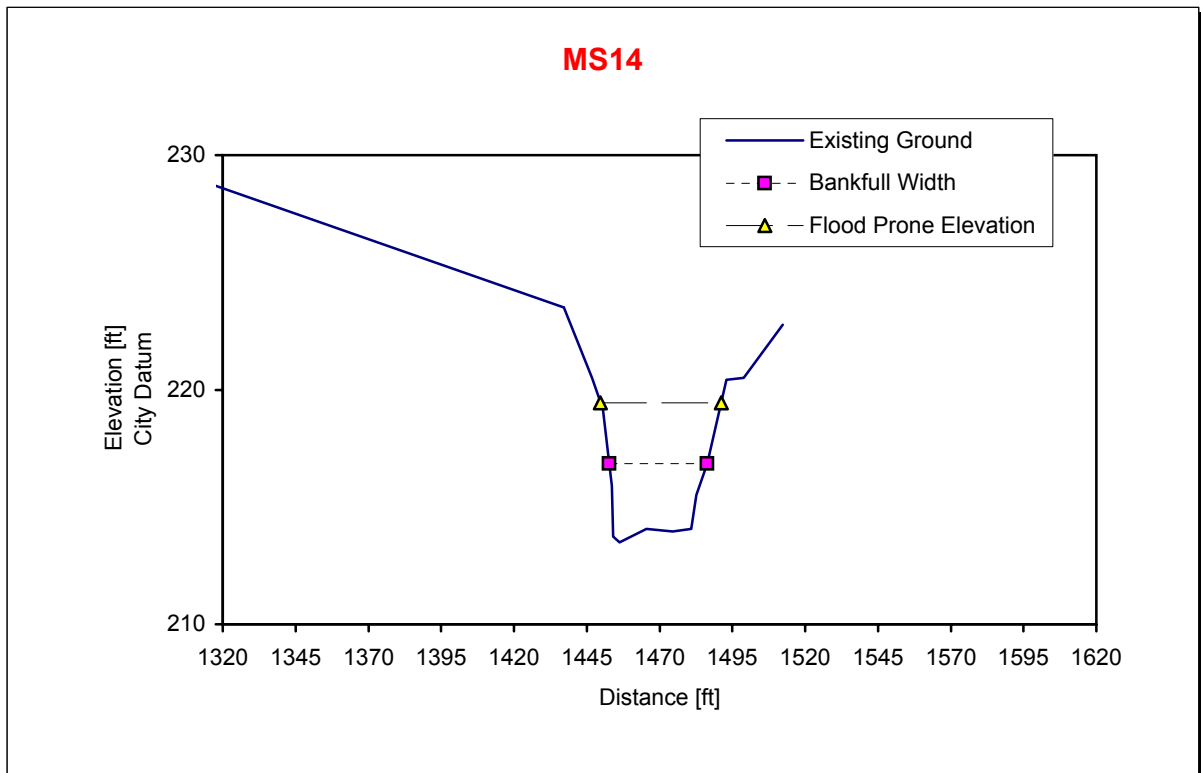
#### Rosgen Stream Type Classification

Entrenchment	4.96
Width:Depth	4.61
Sinosity	1.01
Slope	0.0084
D50	- [mm]
Stream Type	E

#### Flow Calculations

Bankfull Depth	2.80 [ft]
Area	36.23 [sq.ft]
Manning's n	0.0200
Velocity	11.52 [ft/s]
Discharge	417.35 [cfs]
Shear Stress	1.15 [lb/sq.ft]

**Project Name:** Tacony Creek Stream Assessment  
**Creek:** Main Stem Tacony  
**Location:** Cheltenham Township



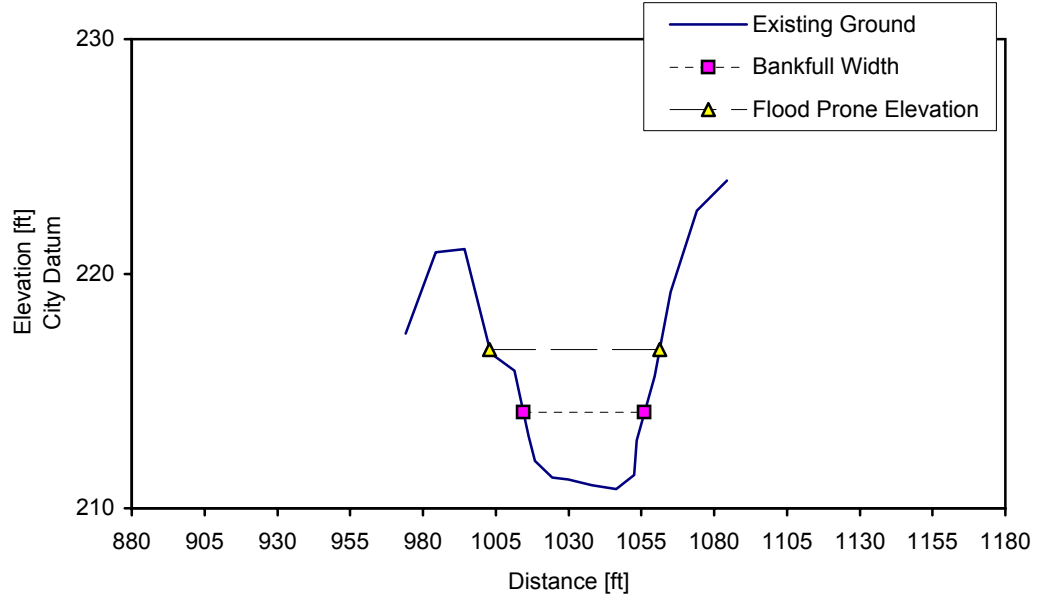
Rosgen Stream Type Classification	
Entrenchment	1.23
Width:Depth	13.13
Sinosity	1.02
Slope	0.0064
D50	45 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.57 [ft]
Area	86.89 [sq.ft]
Manning's n	0.0350
Velocity	6.05 [ft/s]
Discharge	525.74 [cfs]
Shear Stress	0.94 [lb/sq.ft]

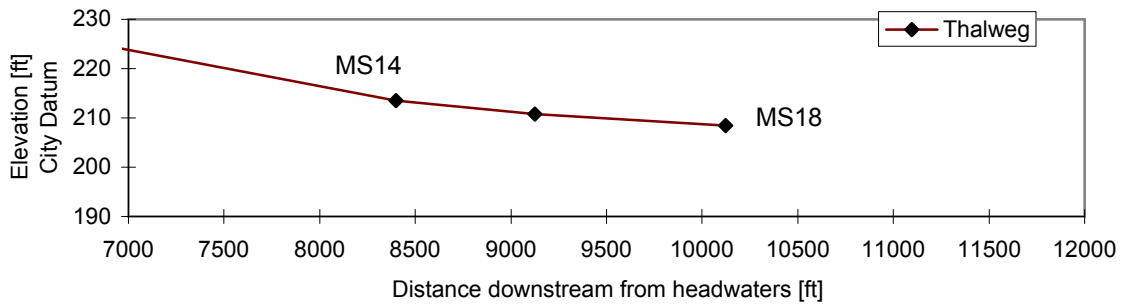
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



### MS16



### Profile



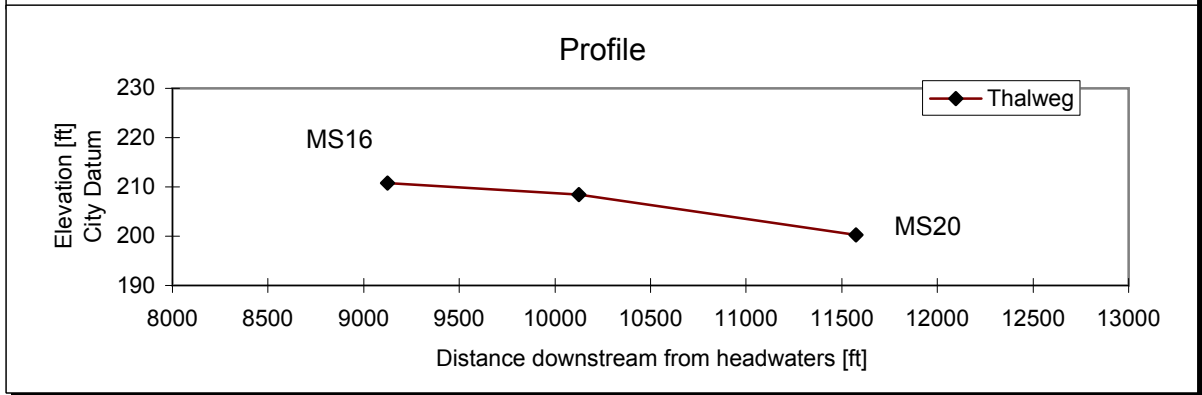
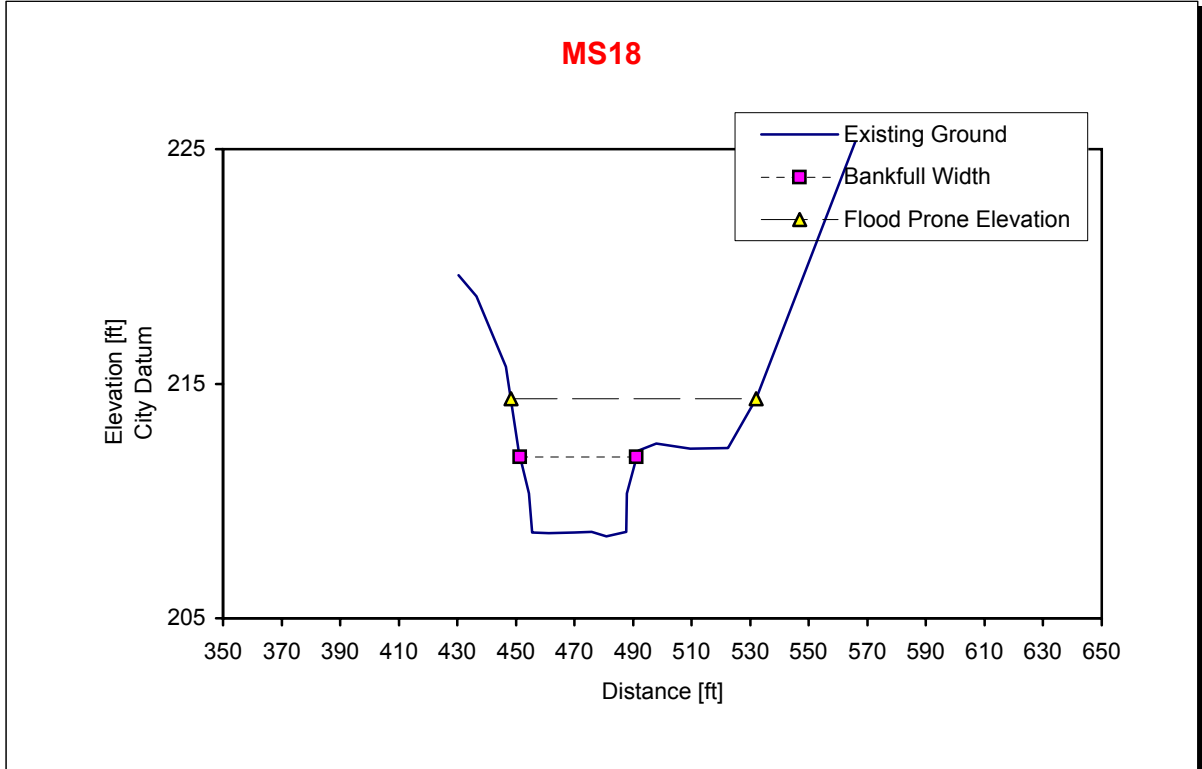
#### Rosgen Stream Type Classification

Entrenchment	1.41
Width:Depth	16.24
Sinosity	1.02
Slope	0.0053
D50	64 [mm]
Stream Type	B4c

#### Flow Calculations

Bankfull Depth	2.55 [ft]
Area	105.95 [sq.ft]
Manning's n	0.0350
Velocity	5.63 [ft/s]
Discharge	596.48 [cfs]
Shear Stress	0.81 [lb/sq.ft]

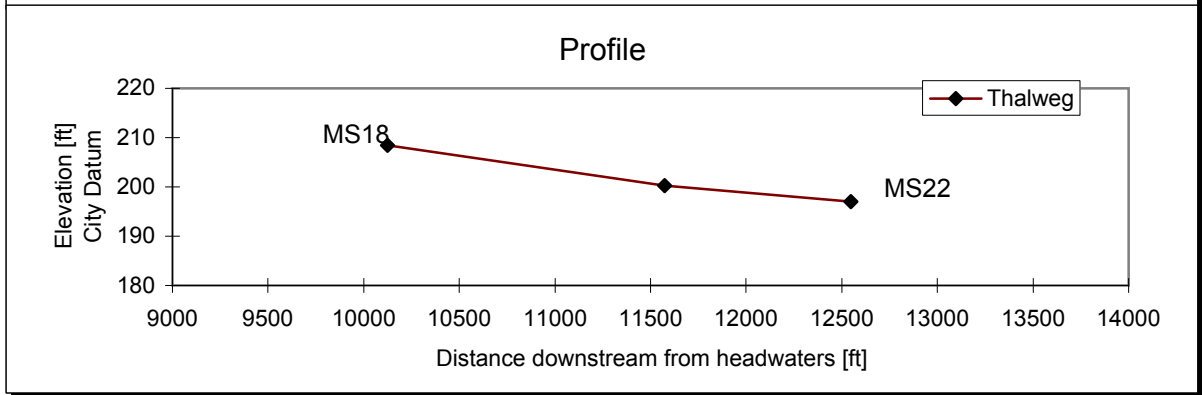
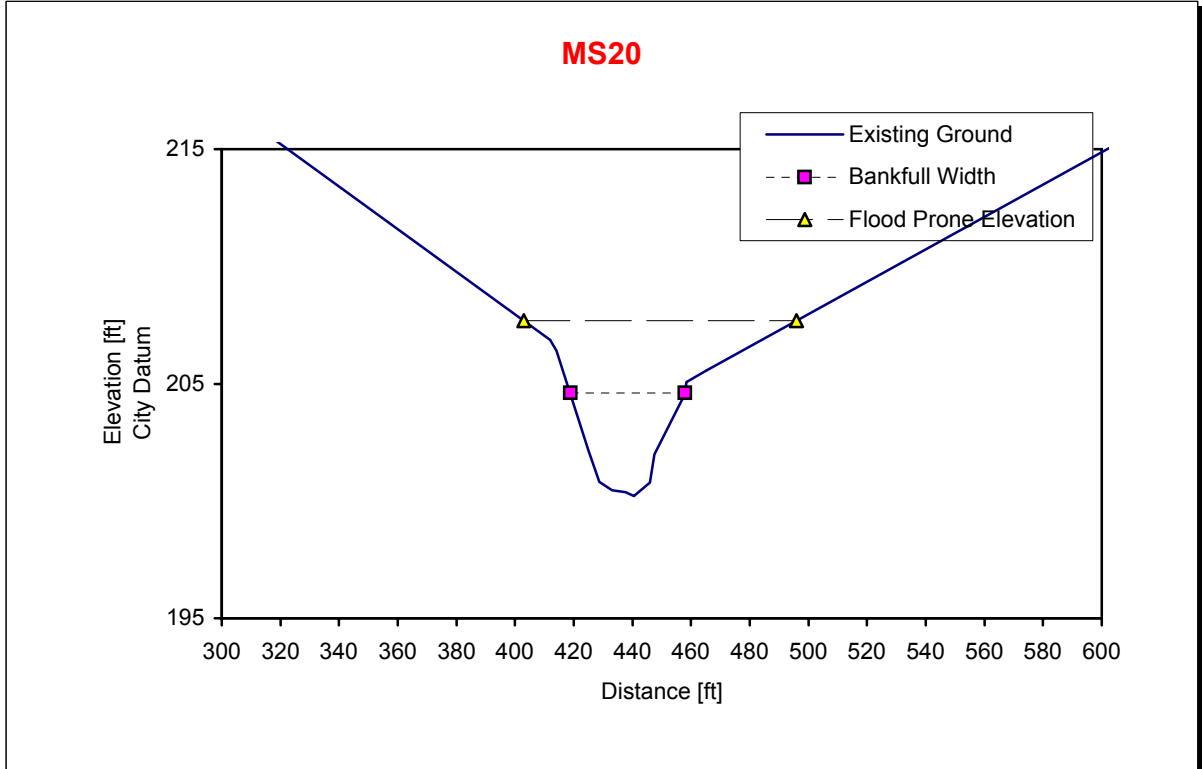
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	2.10
Width:Depth	14.10
Sinosity	1.06
Slope	0.0043
D50	64 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	2.83 [ft]
Area	112.67 [sq.ft]
Manning's n	0.0350
Velocity	5.34 [ft/s]
Discharge	601.85 [cfs]
Shear Stress	0.71 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	2.38
Width:Depth	14.07
Sinosity	1.06
Slope	0.0047
D50	90 [mm]
Stream Type	C4

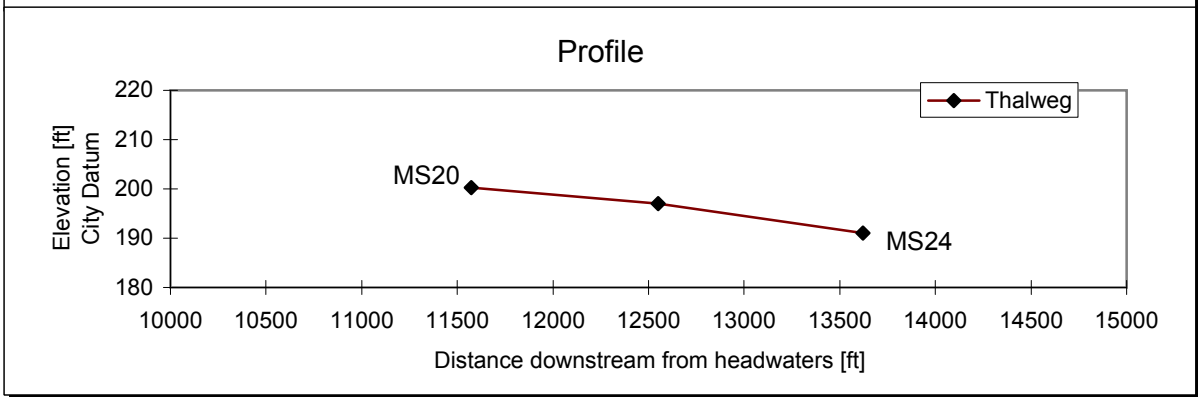
Flow Calculations	
Bankfull Depth	2.78 [ft]
Area	109.07 [sq.ft]
Manning's n	0.0350
Velocity	5.65 [ft/s]
Discharge	615.73 [cfs]
Shear Stress	0.79 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Abington Township

### MS22



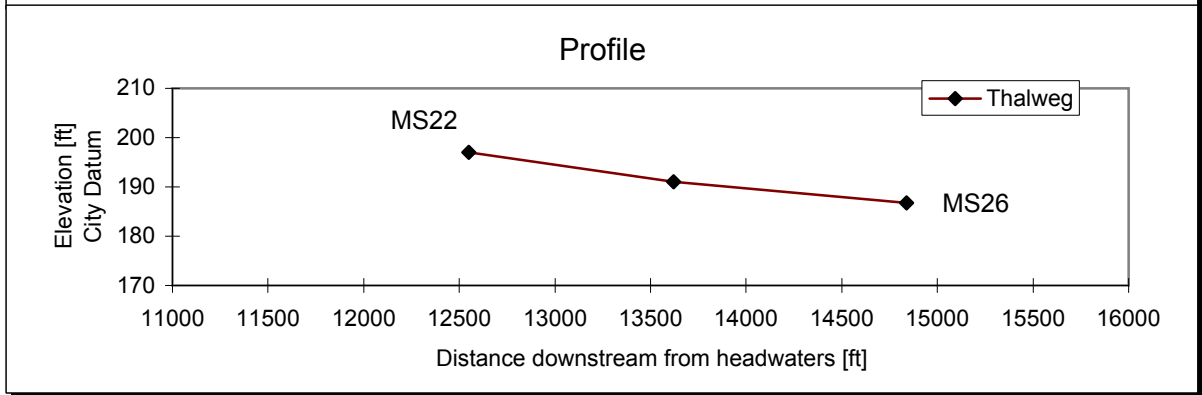
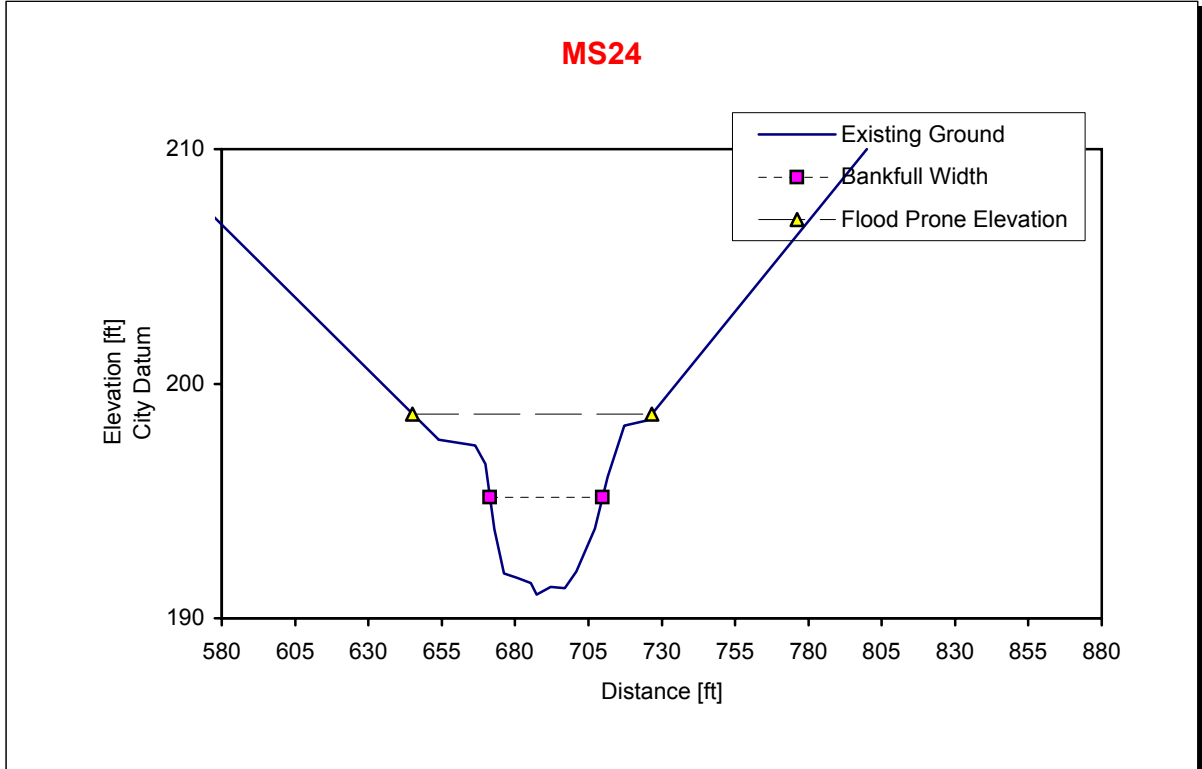
### Profile



Rosgen Stream Type Classification	
Entrenchment	3.00
Width:Depth	13.96
Sinosity	1.09
Slope	0.0045
D50	64 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	2.96 [ft]
Area	122.12 [sq.ft]
Manning's n	0.0350
Velocity	5.69 [ft/s]
Discharge	694.92 [cfs]
Shear Stress	0.79 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Abington Township

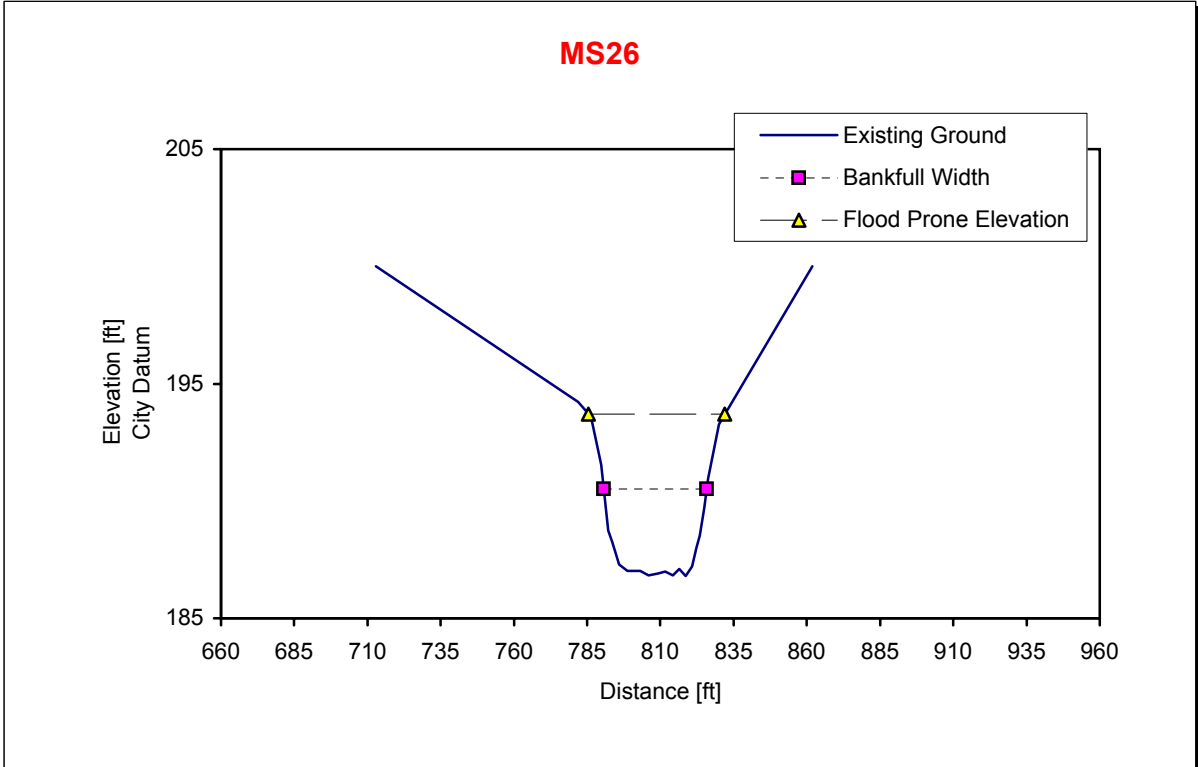


Rosgen Stream Type Classification	
Entrenchment	2.12
Width:Depth	12.81
Sinosity	1.05
Slope	0.0045
D50	45 [mm]
Stream Type	B4c

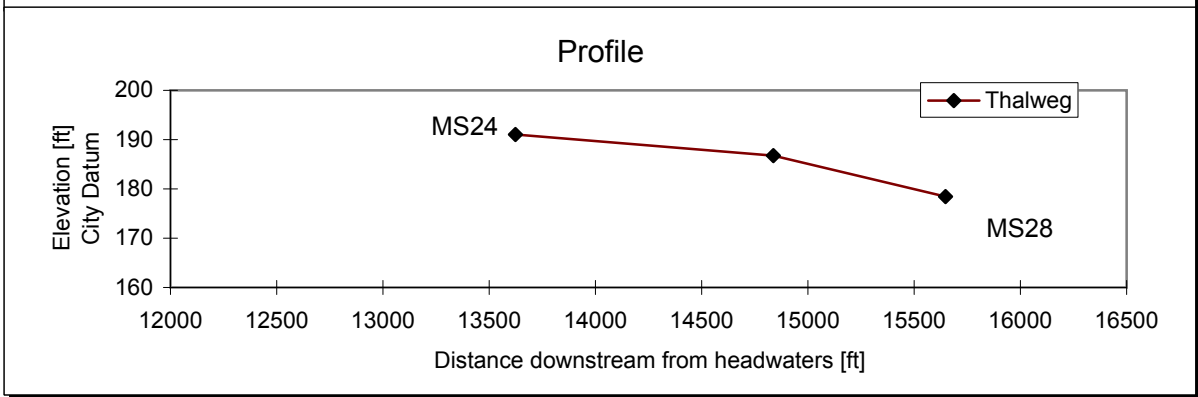
Flow Calculations	
Bankfull Depth	3.00 [ft]
Area	115.45 [sq.ft]
Manning's n	0.0330
Velocity	6.11 [ft/s]
Discharge	704.95 [cfs]
Shear Stress	0.80 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

### MS26



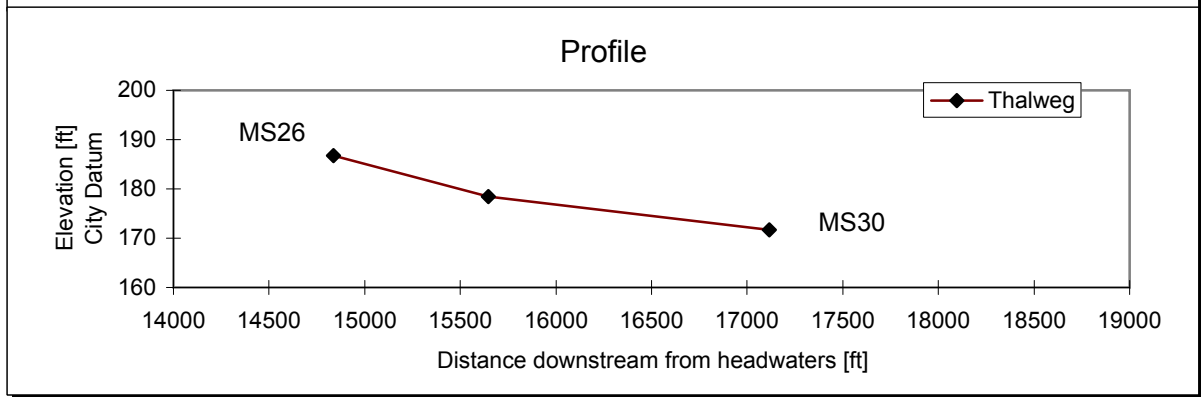
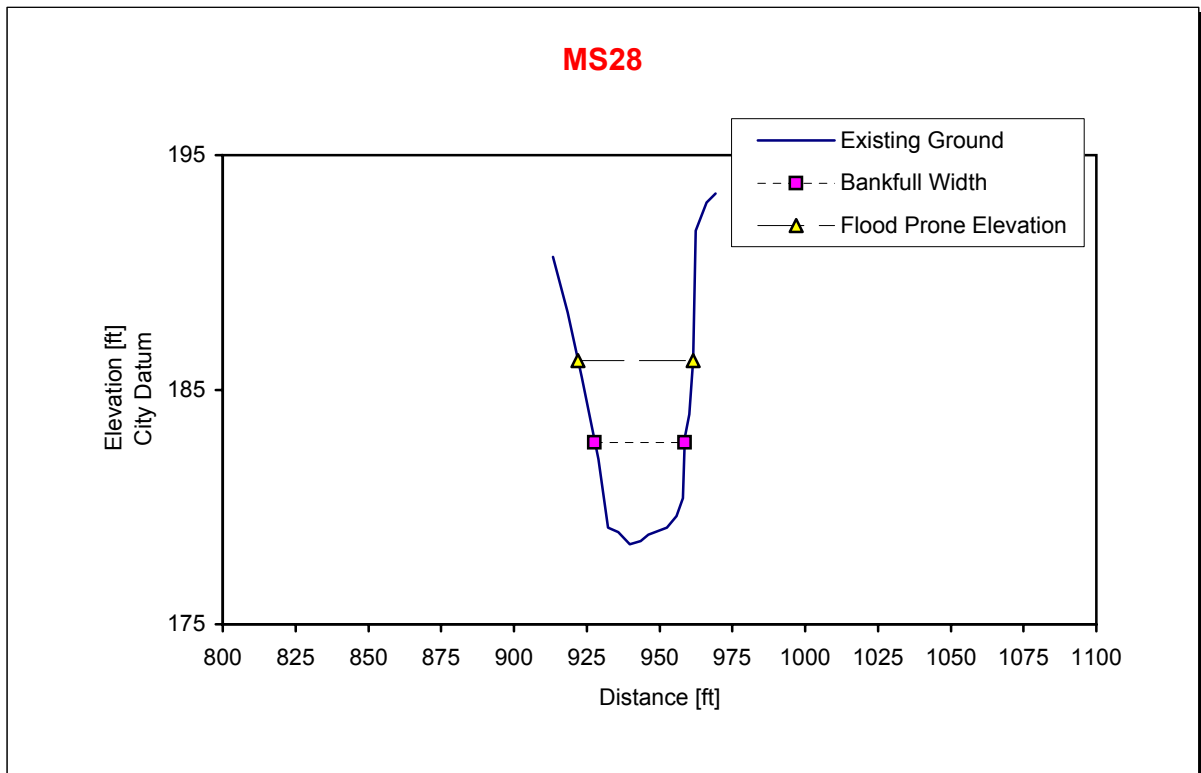
### Profile



Rosgen Stream Type Classification	
Entrenchment	1.33
Width:Depth	11.51
Sinosity	1.06
Slope	0.0062
D50	90 [mm]
Stream Type	G4c

Flow Calculations	
Bankfull Depth	3.06 [ft]
Area	107.51 [sq.ft]
Manning's n	0.0350
Velocity	6.79 [ft/s]
Discharge	729.95 [cfs]
Shear Stress	1.11 [lb/sq.ft]

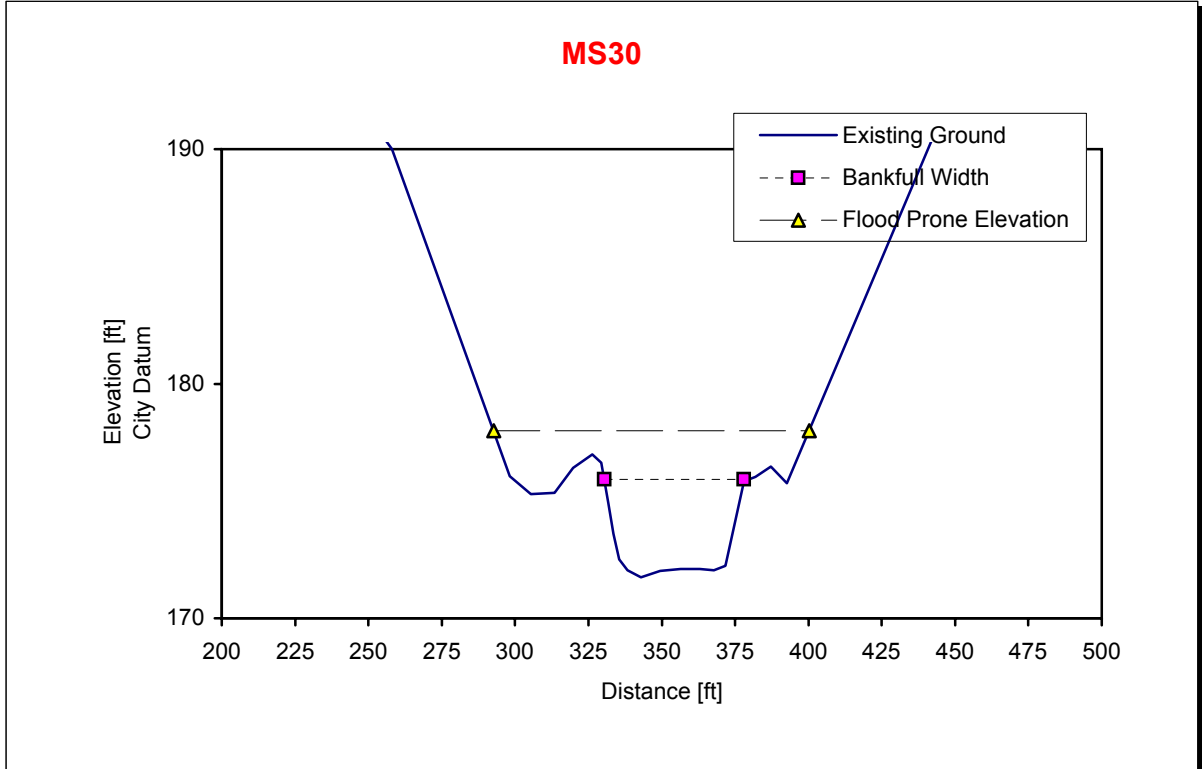
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.28
Width:Depth	9.02
Sinosity	1.00
Slope	0.0066
D50	128 [mm]
Stream Type	G3c

Flow Calculations	
Bankfull Depth	3.42 [ft]
Area	105.84 [sq.ft]
Manning's n	0.0370
Velocity	6.94 [ft/s]
Discharge	734.89 [cfs]
Shear Stress	1.27 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



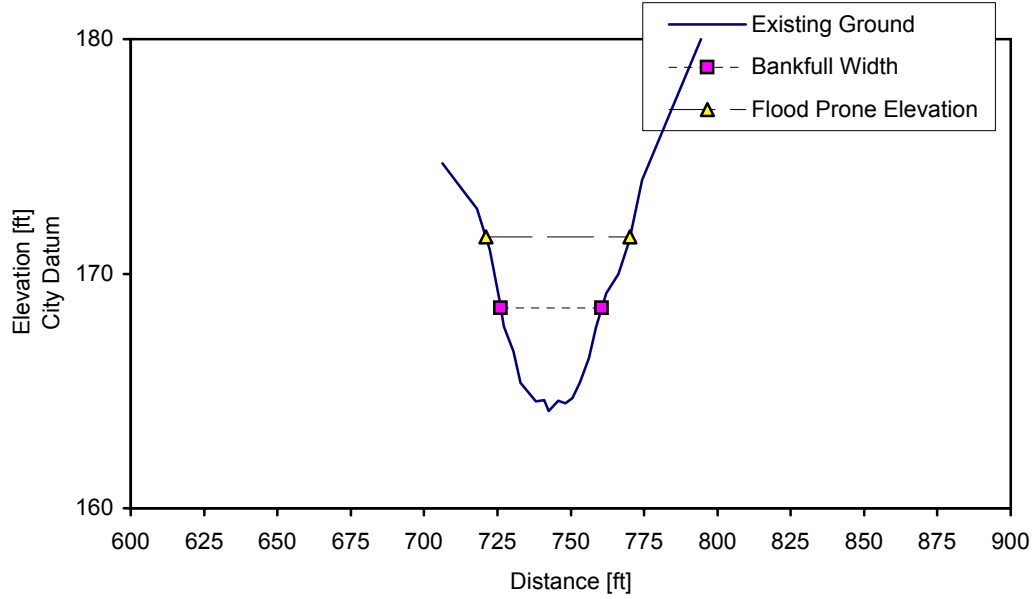
Rosgen Stream Type Classification	
Entrenchment	1.35
Width:Depth	37.79
Sinosity	1.13
Slope	0.0042
D50	45 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.11 [ft]
Area	168.65 [sq.ft]
Manning's n	0.0350
Velocity	4.47 [ft/s]
Discharge	753.18 [cfs]
Shear Stress	0.54 [lb/sq.ft]

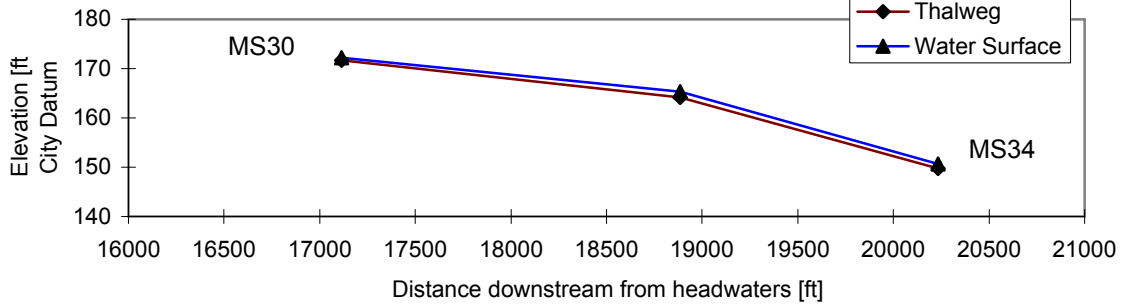
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



### MS32



### Profile



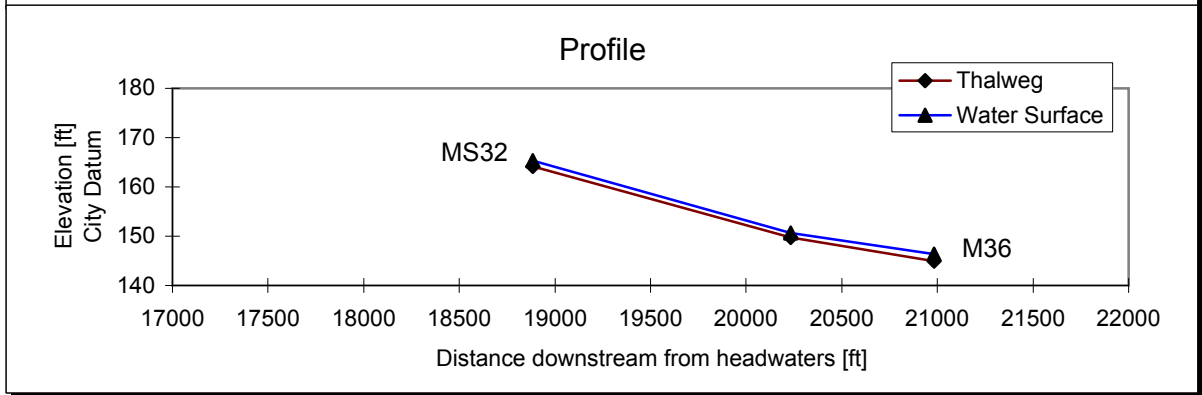
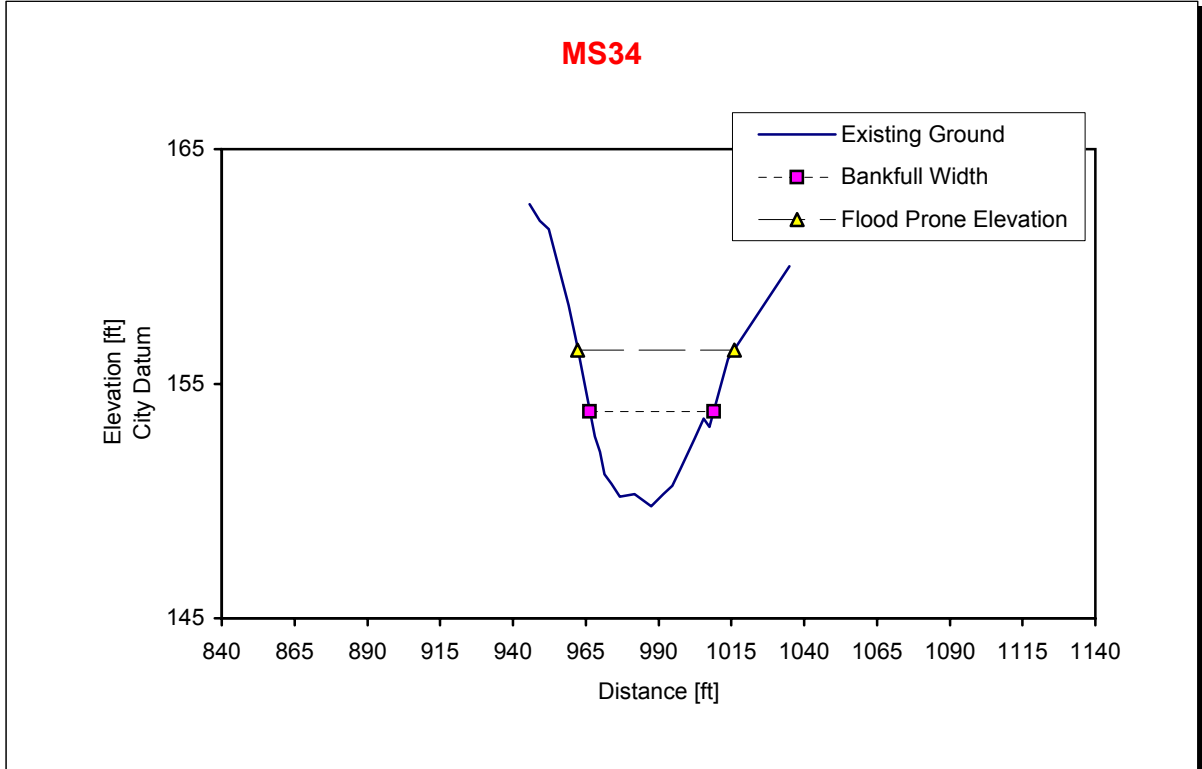
#### Rosgen Stream Type Classification

Entrenchment	1.43
Width:Depth	11.64
Sinuosity	1.01
Slope	0.0069
D50	4 [mm]
Stream Type	B5c

#### Flow Calculations

Bankfull Depth	2.95 [ft]
Area	101.66 [sq.ft]
Manning's n	0.0330
Velocity	7.47 [ft/s]
Discharge	758.94 [cfs]
Shear Stress	1.21 [lb/sq.ft]

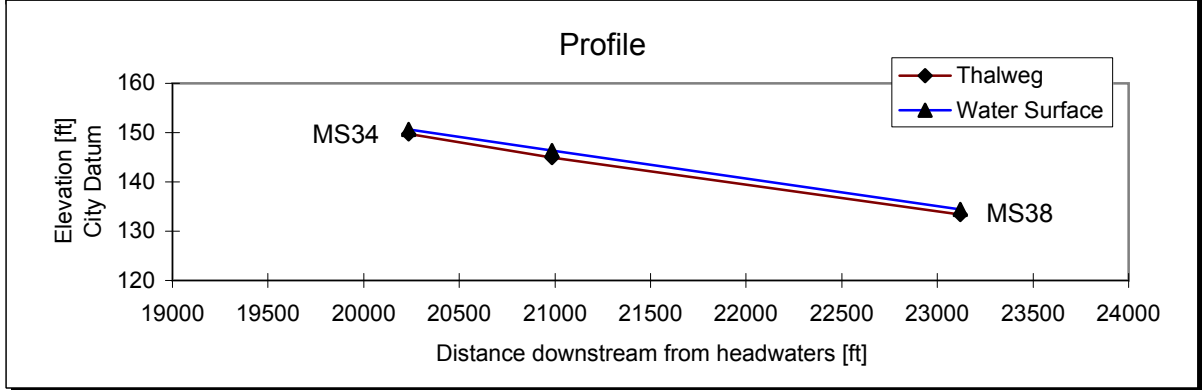
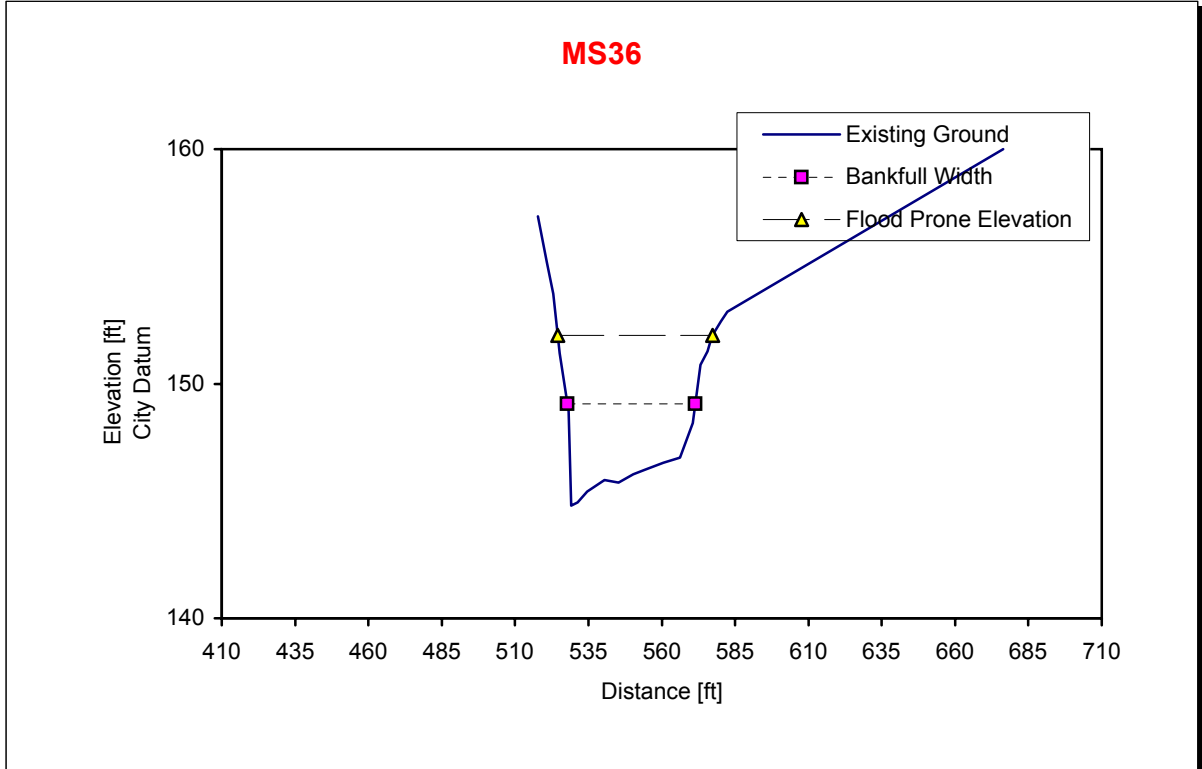
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.26
Width:Depth	16.50
Sinosity	1.04
Slope	0.0090
D50	45 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.58 [ft]
Area	109.61 [sq.ft]
Manning's n	0.0350
Velocity	7.45 [ft/s]
Discharge	816.39 [cfs]
Shear Stress	1.41 [lb/sq.ft]

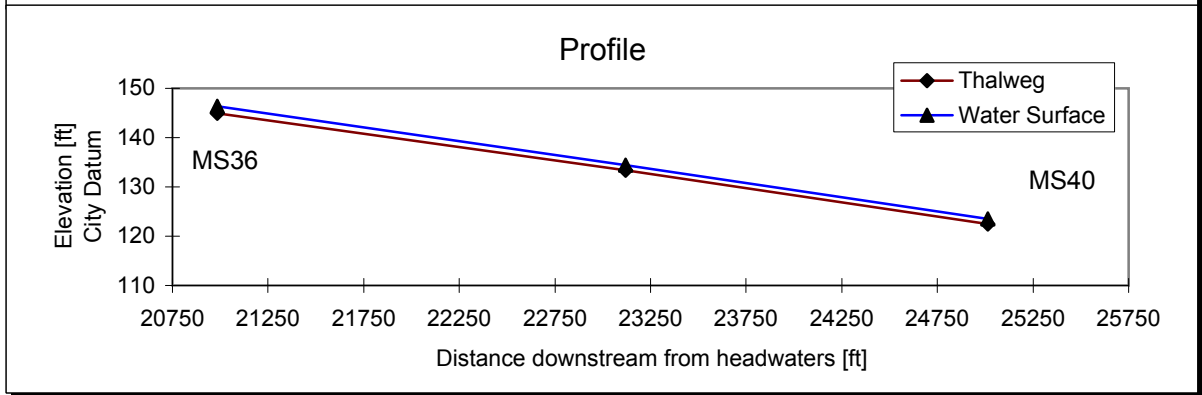
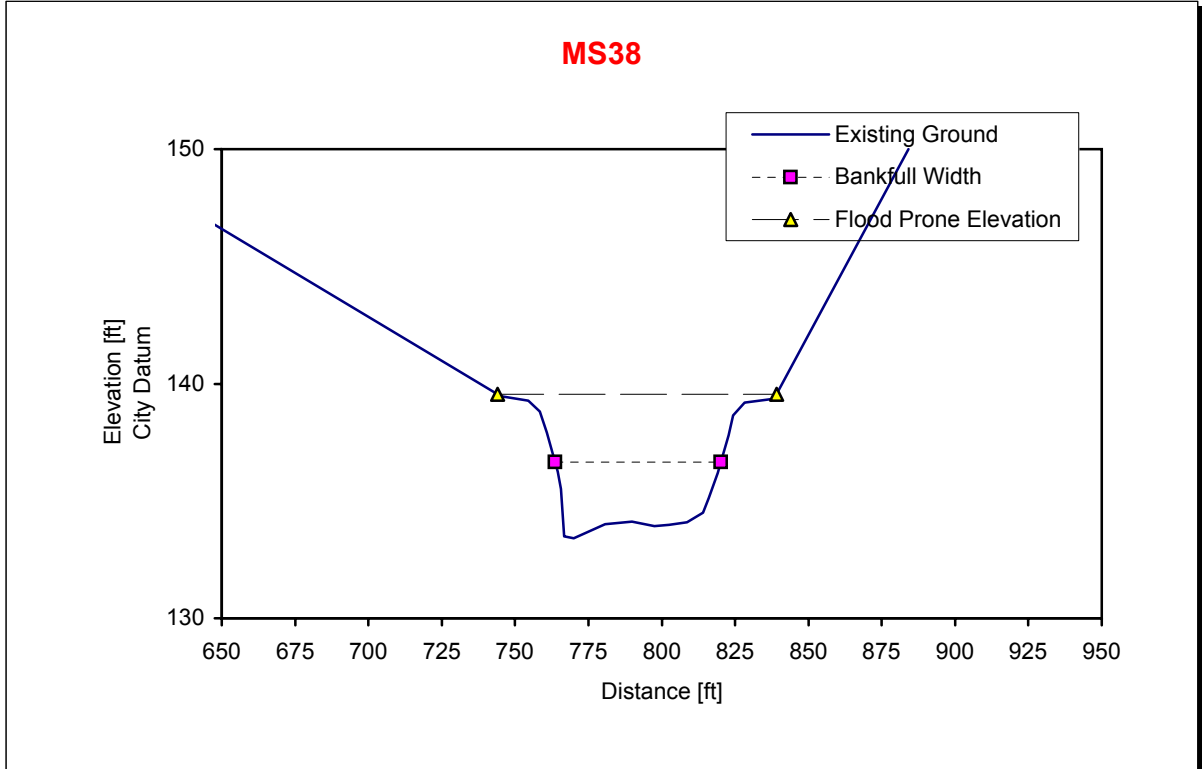
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.21
Width:Depth	15.05
Sinosity	1.38
Slope	0.0056
D50	45 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.89 [ft]
Area	125.85 [sq.ft]
Manning's n	0.0330
Velocity	6.50 [ft/s]
Discharge	817.86 [cfs]
Shear Stress	0.93 [lb/sq.ft]

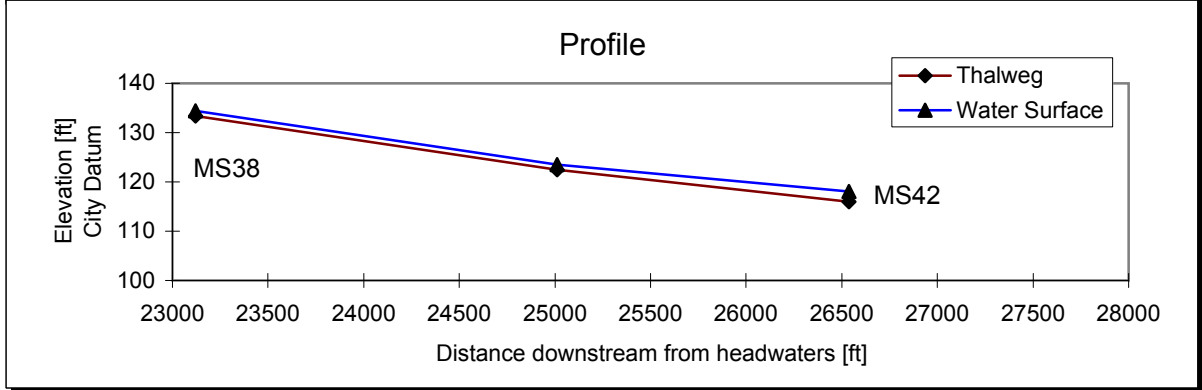
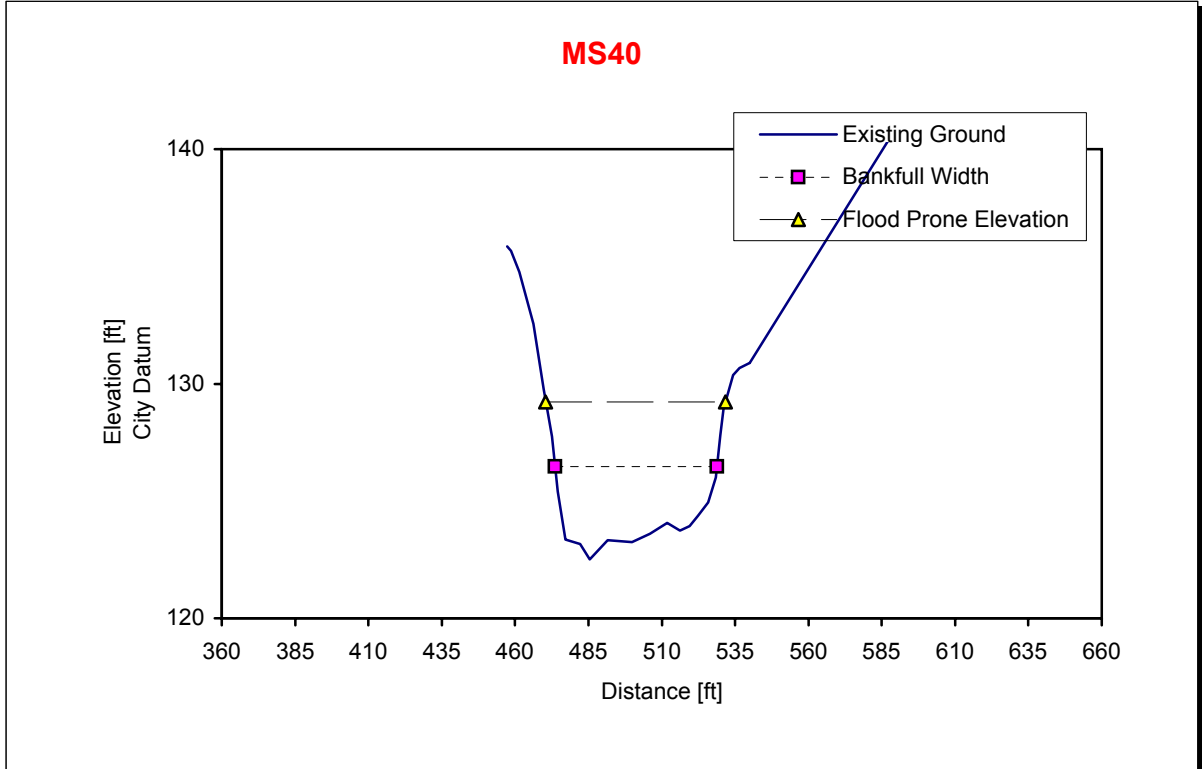
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.69
Width:Depth	23.08
Sinosity	1.27
Slope	0.0057
D50	45 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	2.45 [ft]
Area	138.45 [sq.ft]
Manning's n	0.0330
Velocity	6.04 [ft/s]
Discharge	835.96 [cfs]
Shear Stress	0.84 [lb/sq.ft]

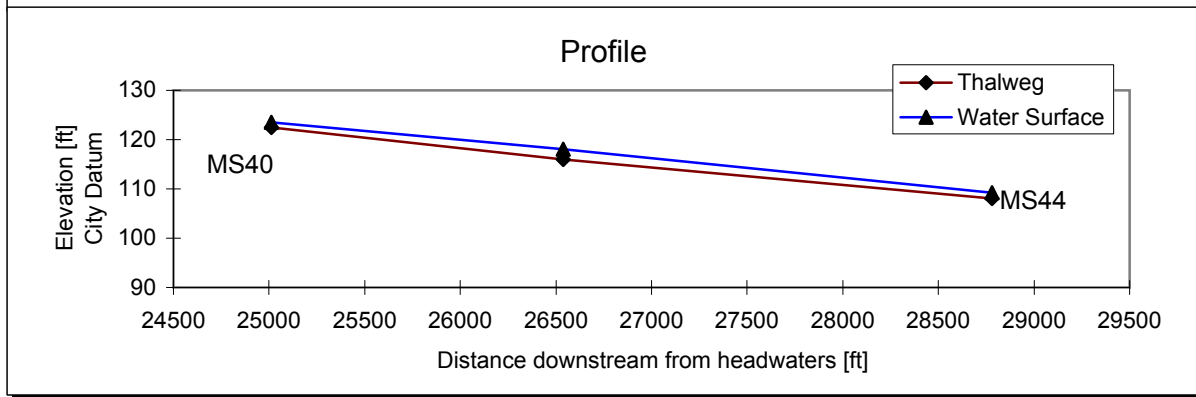
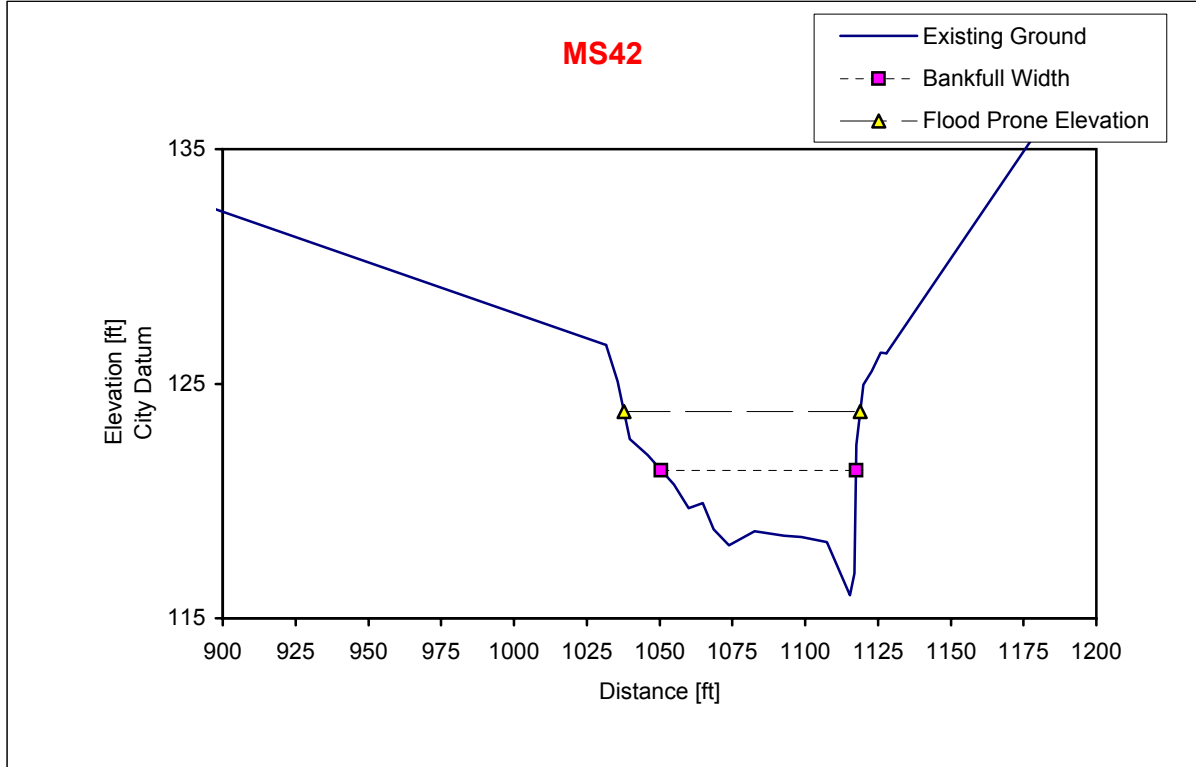
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.11
Width:Depth	20.10
Sinosity	1.17
Slope	0.0048
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.75 [ft]
Area	152.29 [sq.ft]
Manning's n	0.0350
Velocity	5.66 [ft/s]
Discharge	862.08 [cfs]
Shear Stress	0.80 [lb/sq.ft]

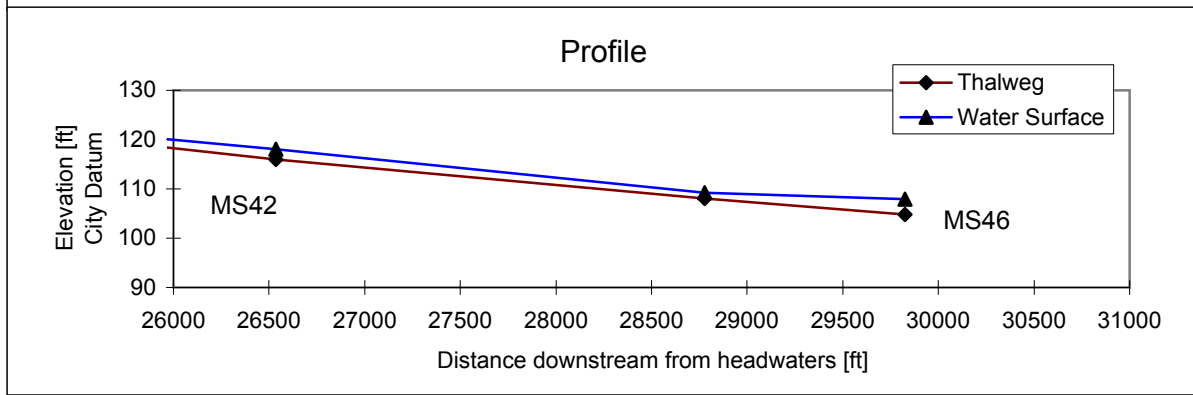
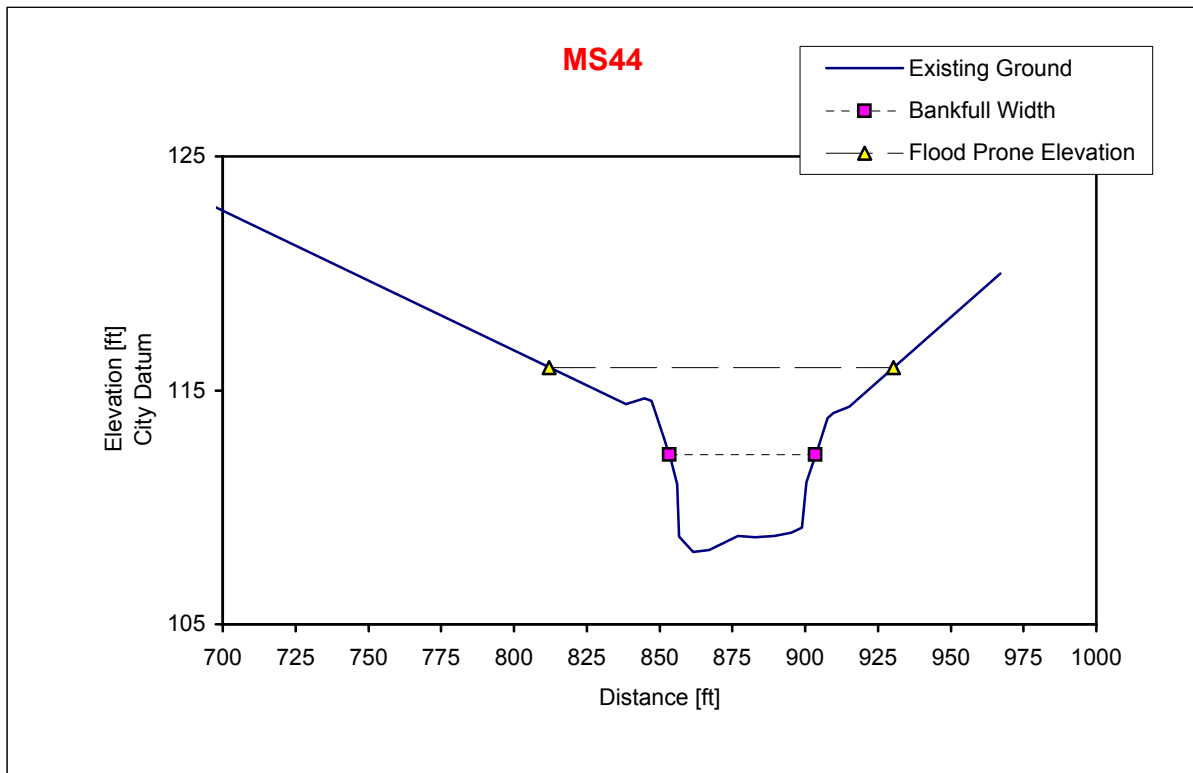
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.21
Width:Depth	25.85
Sinosity	1.33
Slope	0.0038
D50	32 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.59 [ft]
Area	173.29 [sq.ft]
Manning's n	0.0330
Velocity	5.03 [ft/s]
Discharge	870.80 [cfs]
Shear Stress	0.58 [lb/sq.ft]

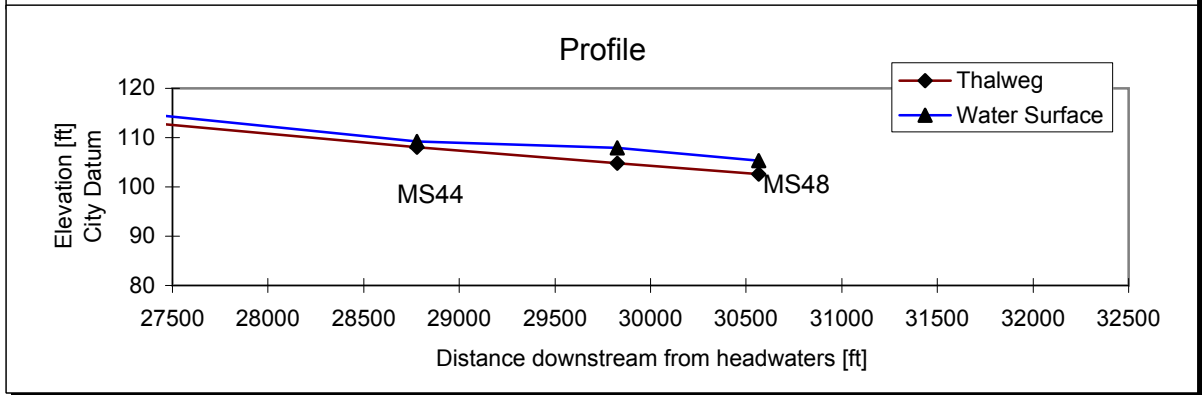
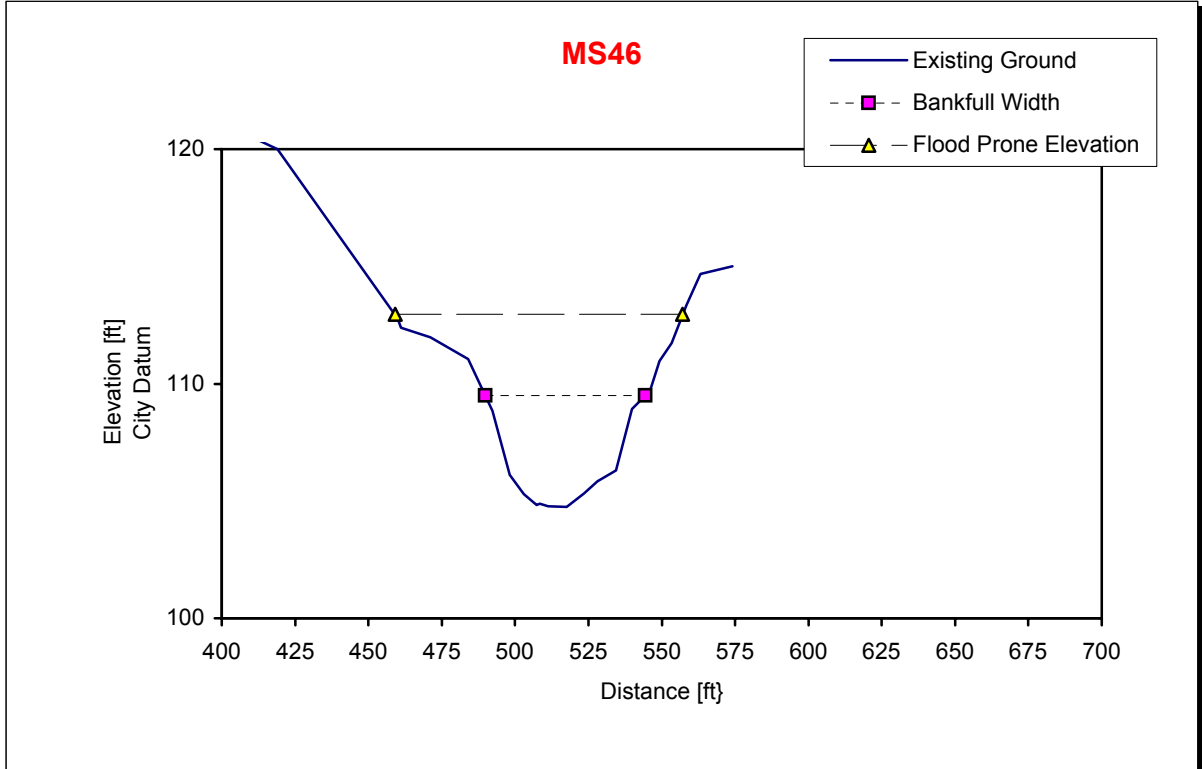
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	2.35
Width:Depth	15.57
Sinosity	1.32
Slope	0.0033
D50	45 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	3.23 [ft]
Area	162.50 [sq.ft]
Manning's n	0.0330
Velocity	5.40 [ft/s]
Discharge	877.64 [cfs]
Shear Stress	0.62 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

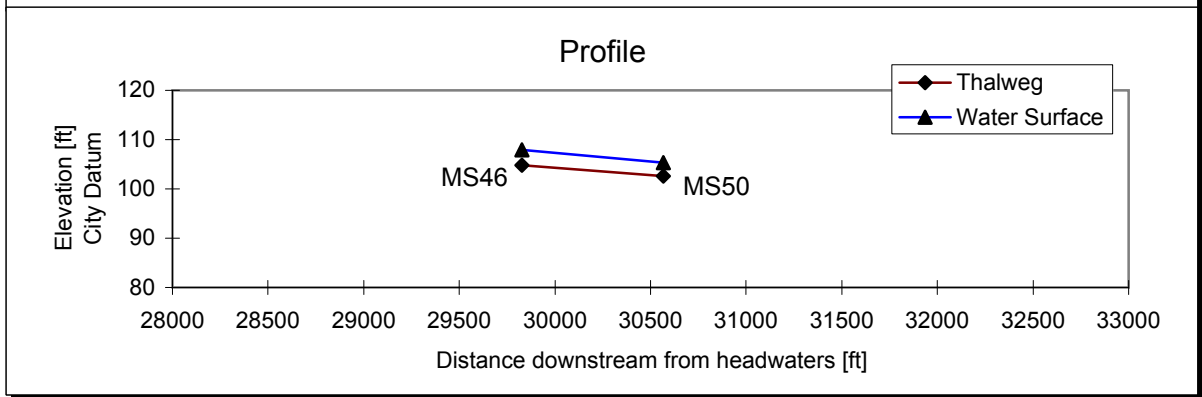
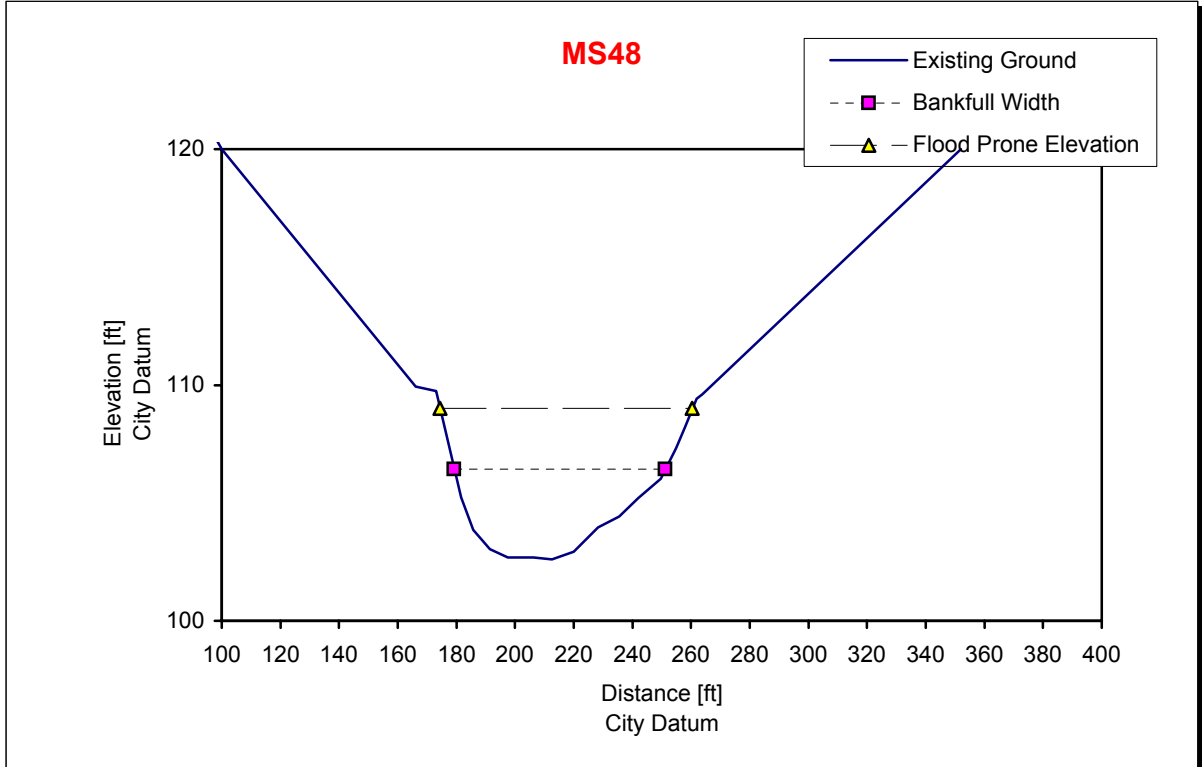


Rosgen Stream Type Classification	
Entrenchment	1.79
Width:Depth	16.96
Sinosity	1.00
Slope	0.0032
D50	90 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	3.22 [ft]
Area	176.32 [sq.ft]
Manning's n	0.0350
Velocity	5.13 [ft/s]
Discharge	905.08 [cfs]
Shear Stress	0.62 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

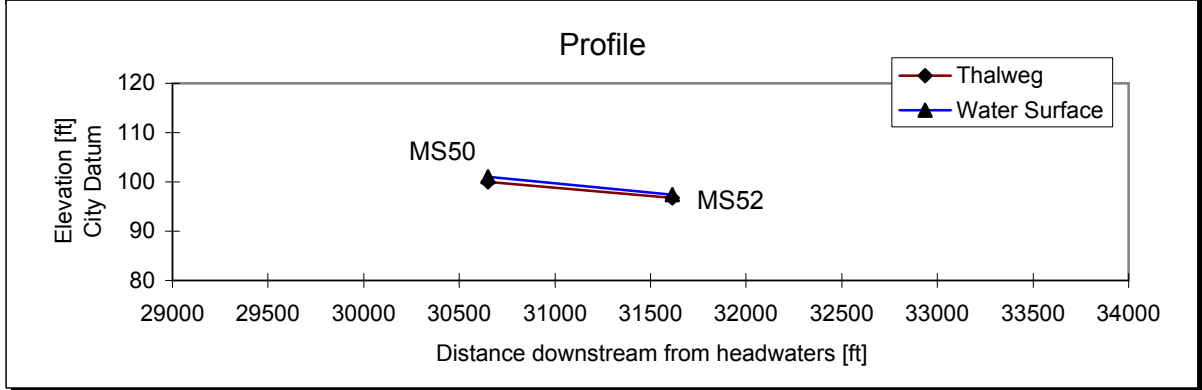
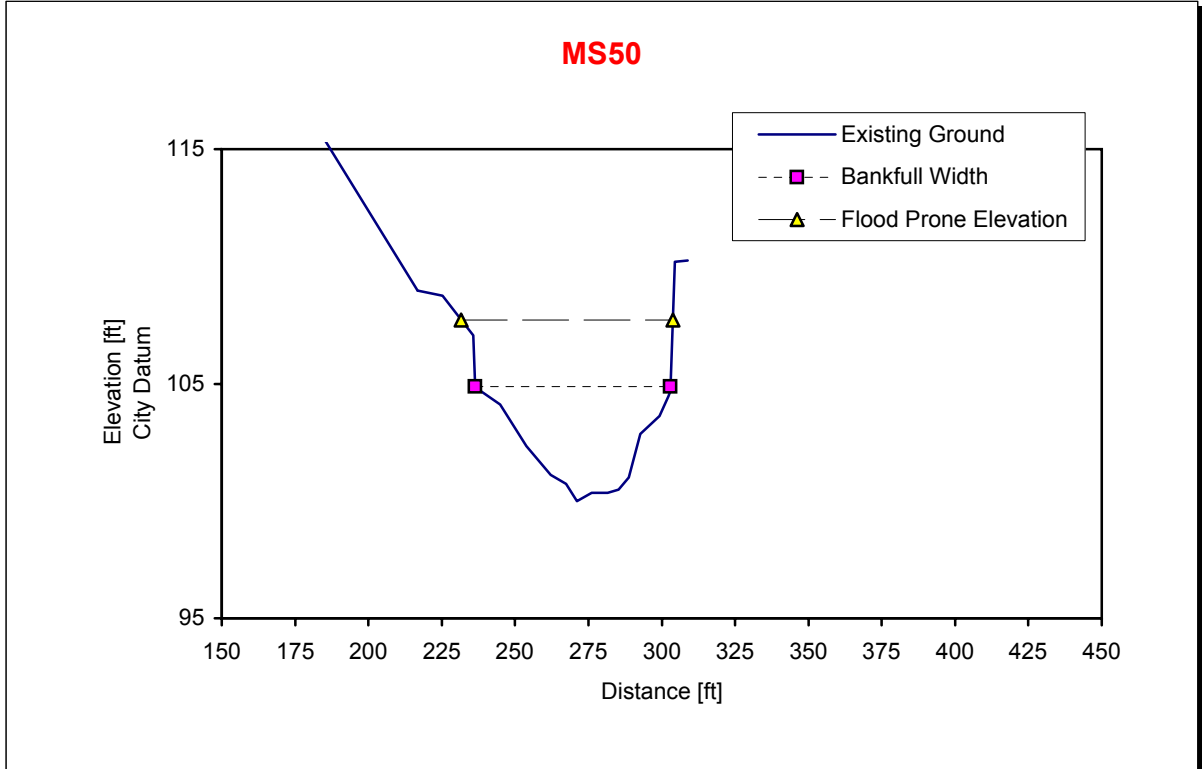




Rosgen Stream Type Classification	
Entrenchment	1.20
Width:Depth	27.39
Sinosity	1.07
Slope	0.0035
D50	22 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.63 [ft]
Area	189.24 [sq.ft]
Manning's n	0.0350
Velocity	4.79 [ft/s]
Discharge	905.90 [cfs]
Shear Stress	0.57 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

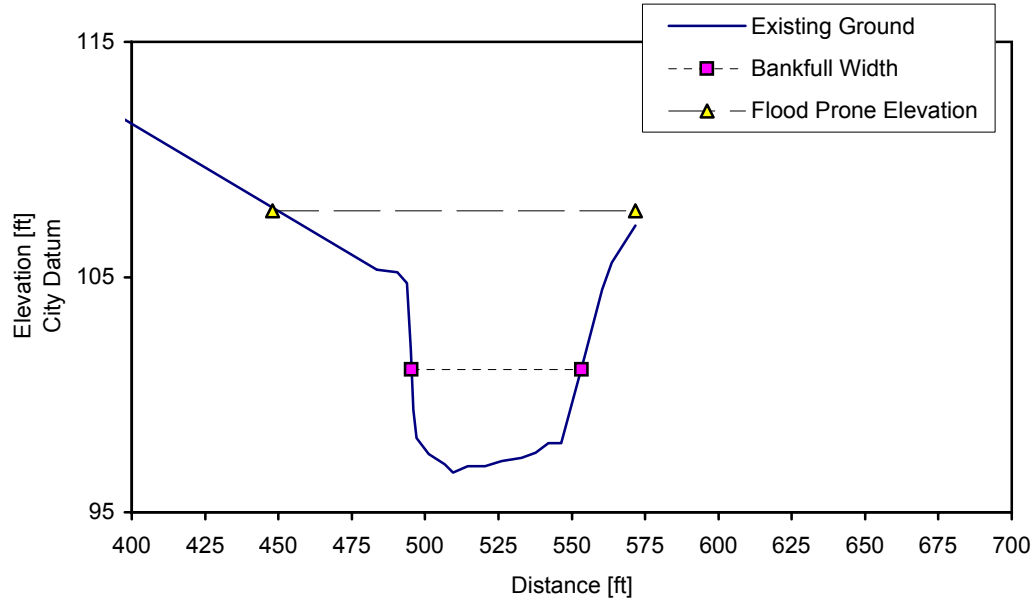


Rosgen Stream Type Classification	
Entrenchment	1.08
Width:Depth	23.81
Sinosity	1.01
Slope	0.0038
D50	180 [mm]
Stream Type	F3

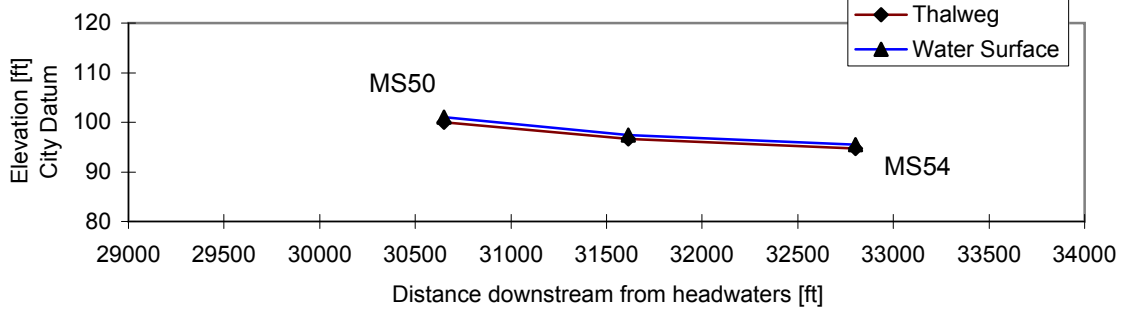
Flow Calculations	
Bankfull Depth	2.80 [ft]
Area	186.06 [sq.ft]
Manning's n	0.0370
Velocity	4.90 [ft/s]
Discharge	910.95 [cfs]
Shear Stress	0.66 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

### MS52



### Profile



#### Rosgen Stream Type Classification

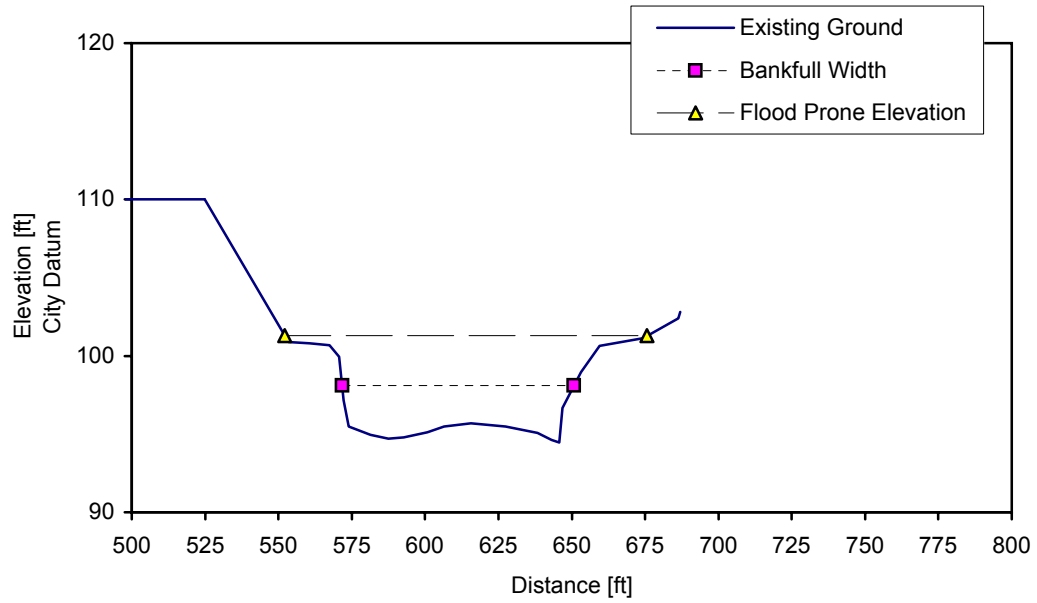
Entrenchment	2.14
Width:Depth	16.71
Sinosity	1.03
Slope	0.0026
D50	128 [mm]
Stream Type	B3c

#### Flow Calculations

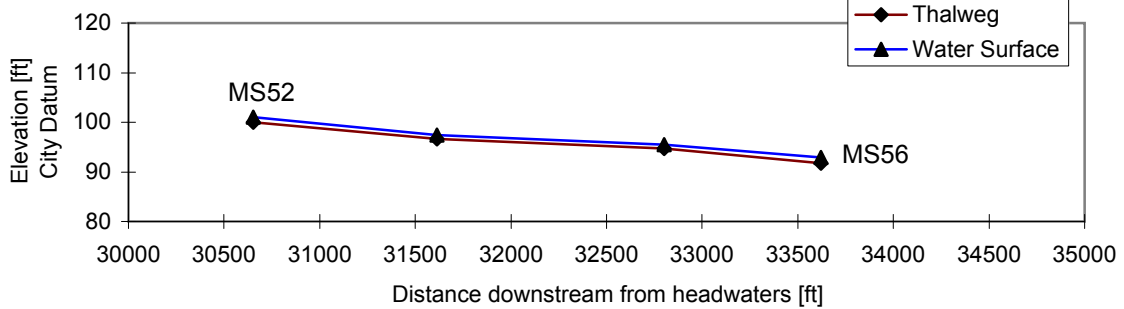
Bankfull Depth	3.46 [ft]
Area	200.45 [sq.ft]
Manning's n	0.0370
Velocity	4.59 [ft/s]
Discharge	920.19 [cfs]
Shear Stress	0.54 [lb/sq.ft]

**Project Name:** Tacony Creek Stream Assessment  
**Creek:** Main Stem Tacony  
**Location:** Cheltenham Township

### MS54



### Profile



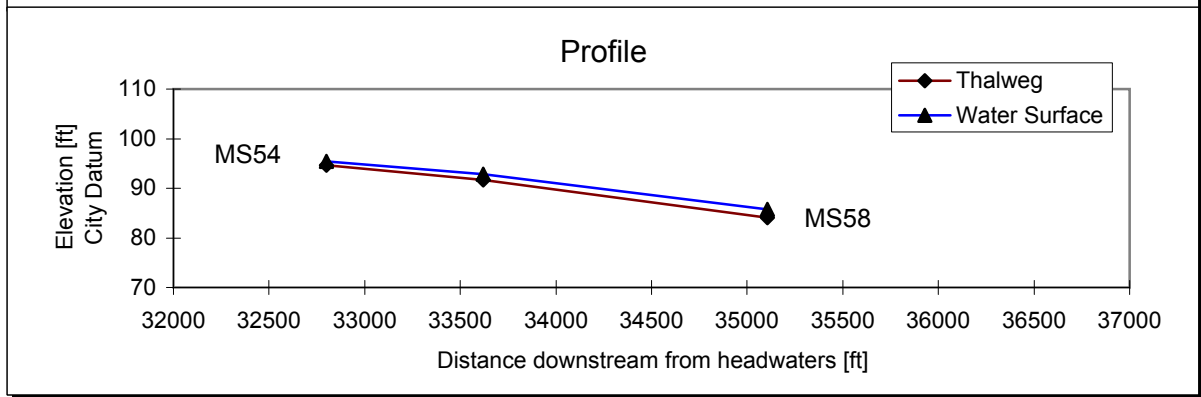
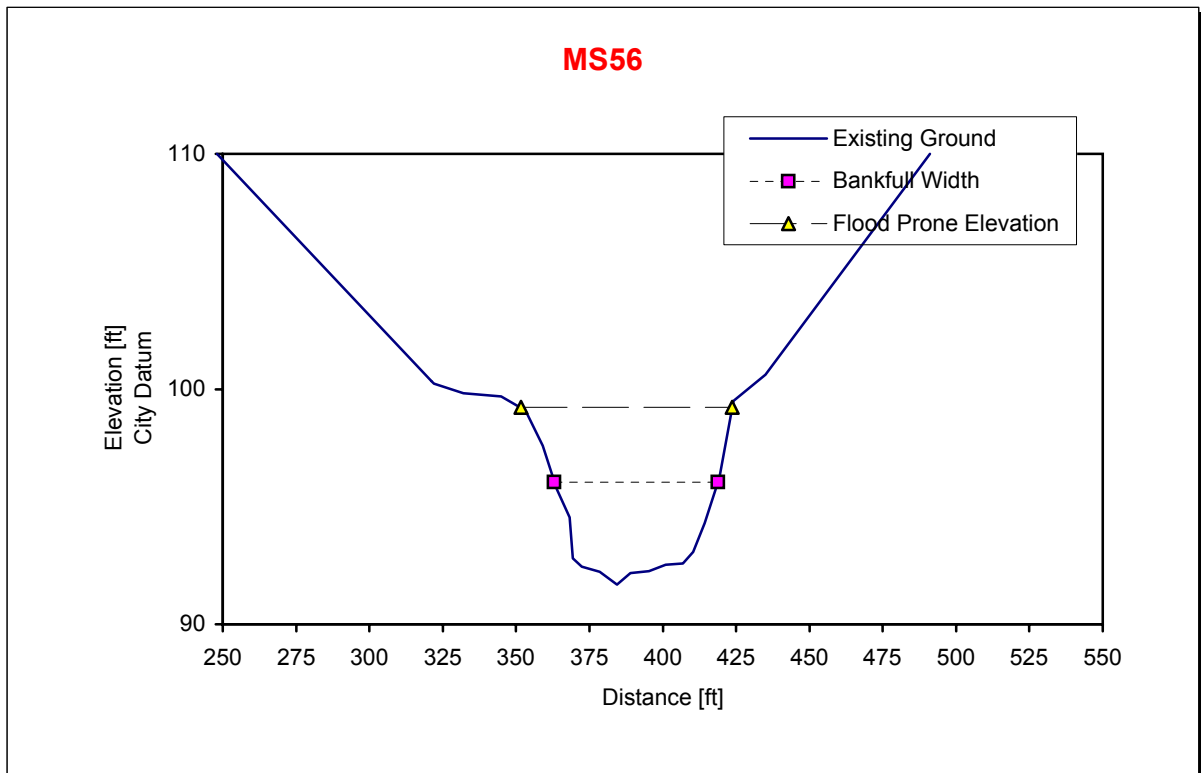
#### Rosgen Stream Type Classification

Entrenchment	1.56
Width:Depth	28.68
Sinosity	1.11
Slope	0.0028
D50	90 [mm]
Stream Type	B4c

#### Flow Calculations

Bankfull Depth	2.76 [ft]
Area	217.94 [sq.ft]
Manning's n	0.0350
Velocity	4.30 [ft/s]
Discharge	937.62 [cfs]
Shear Stress	0.46 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

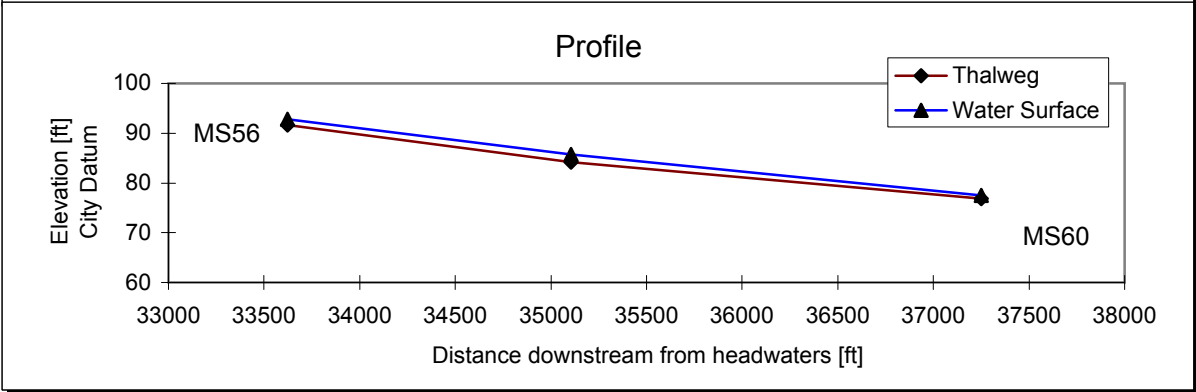
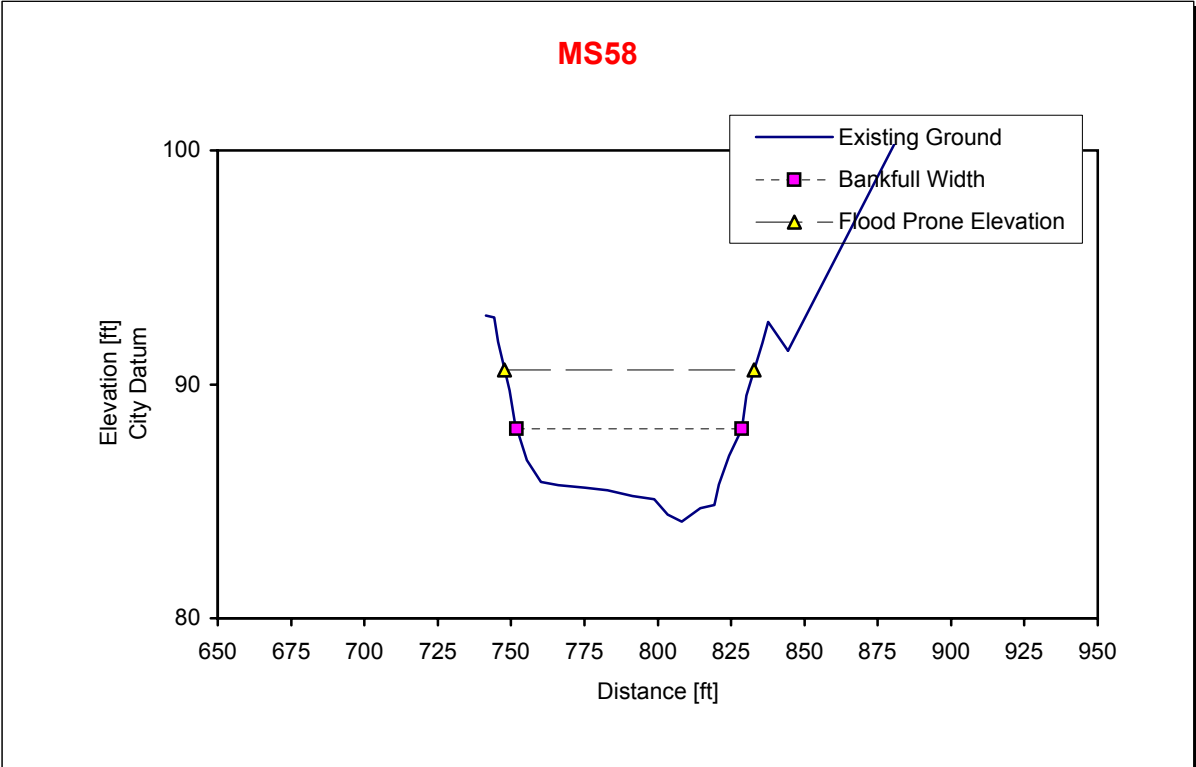


Rosgen Stream Type Classification	
Entrenchment	1.29
Width:Depth	18.04
Sinuousity	1.08
Slope	0.0042
D50	256 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	3.10 [ft]
Area	172.87 [sq.ft]
Manning's n	0.0370
Velocity	5.43 [ft/s]
Discharge	937.91 [cfs]
Shear Stress	0.78 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

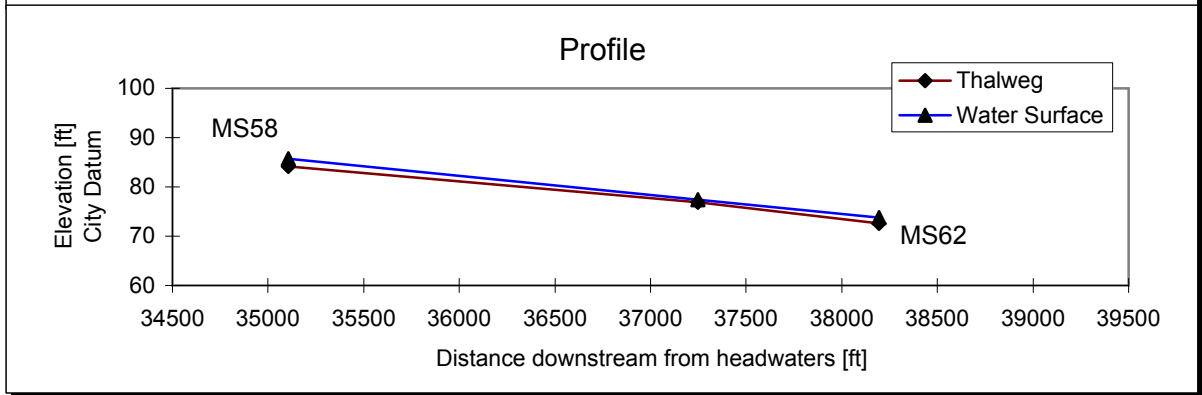
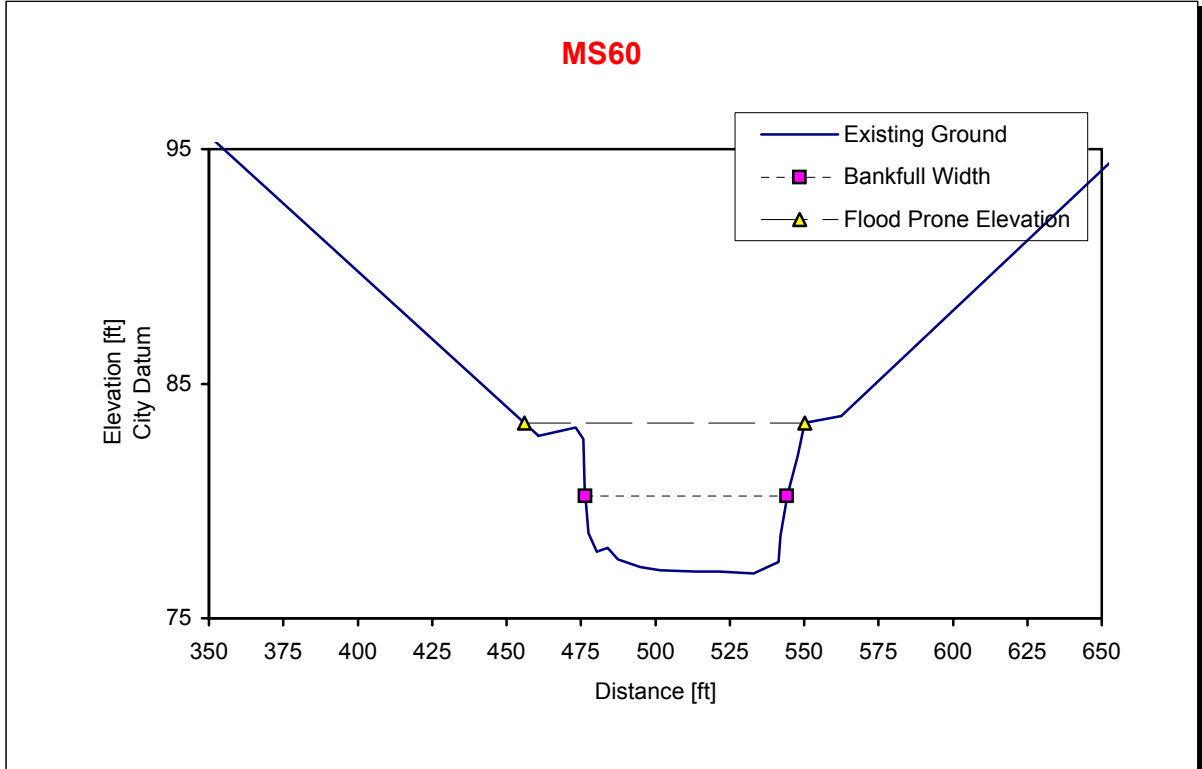
### MS58



Rosgen Stream Type Classification	
Entrenchment	1.11
Width:Depth	29.79
Sinosity	1.07
Slope	0.0042
D50	256 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	2.57 [ft]
Area	197.30 [sq.ft]
Manning's n	0.0370
Velocity	4.88 [ft/s]
Discharge	963.65 [cfs]
Shear Stress	0.67 [lb/sq.ft]

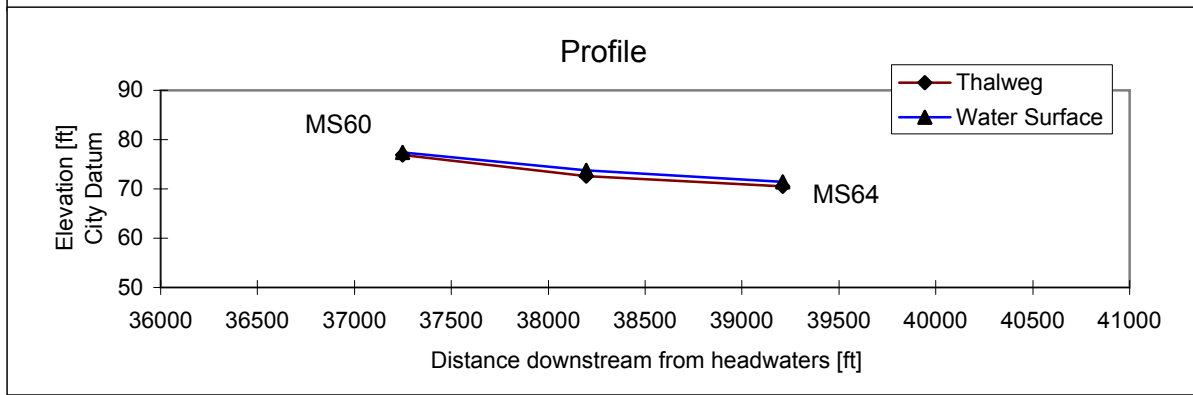
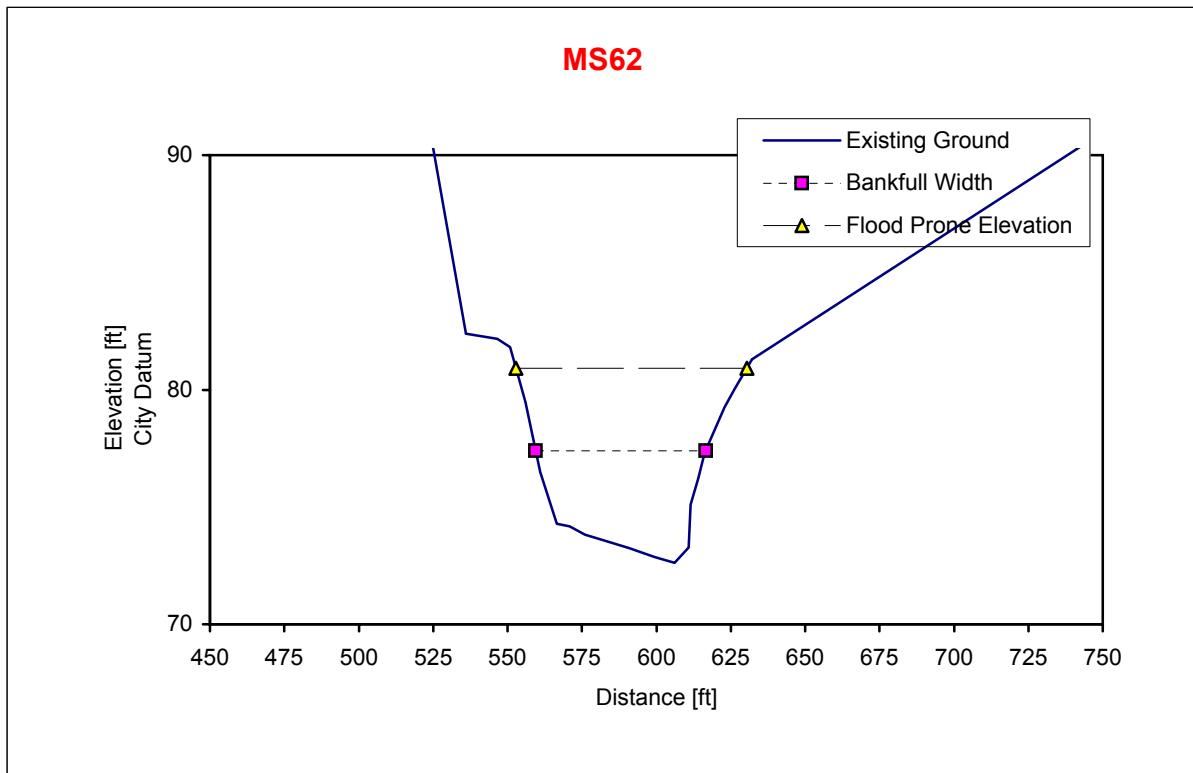
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.32
Width:Depth	23.54
Sinosity	1.23
Slope	0.0039
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.88 [ft]
Area	194.97 [sq.ft]
Manning's n	0.0370
Velocity	4.96 [ft/s]
Discharge	966.80 [cfs]
Shear Stress	0.67 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

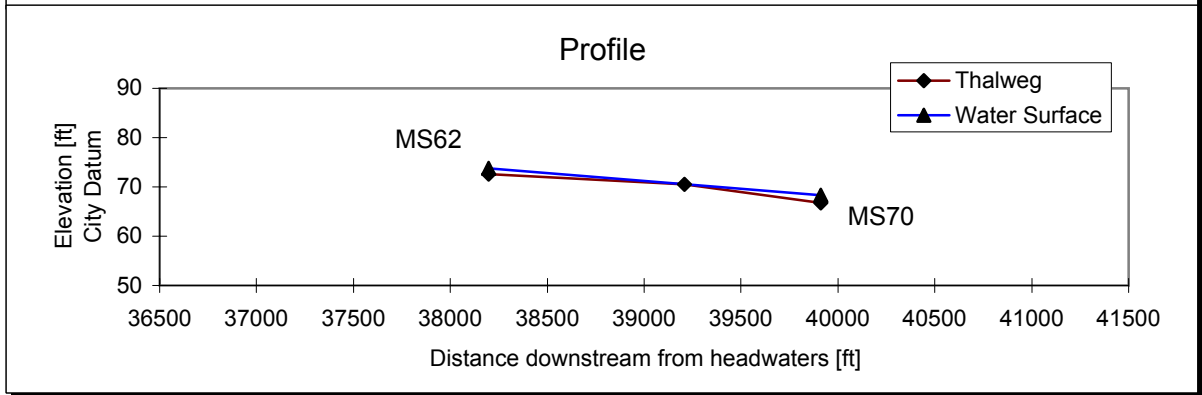
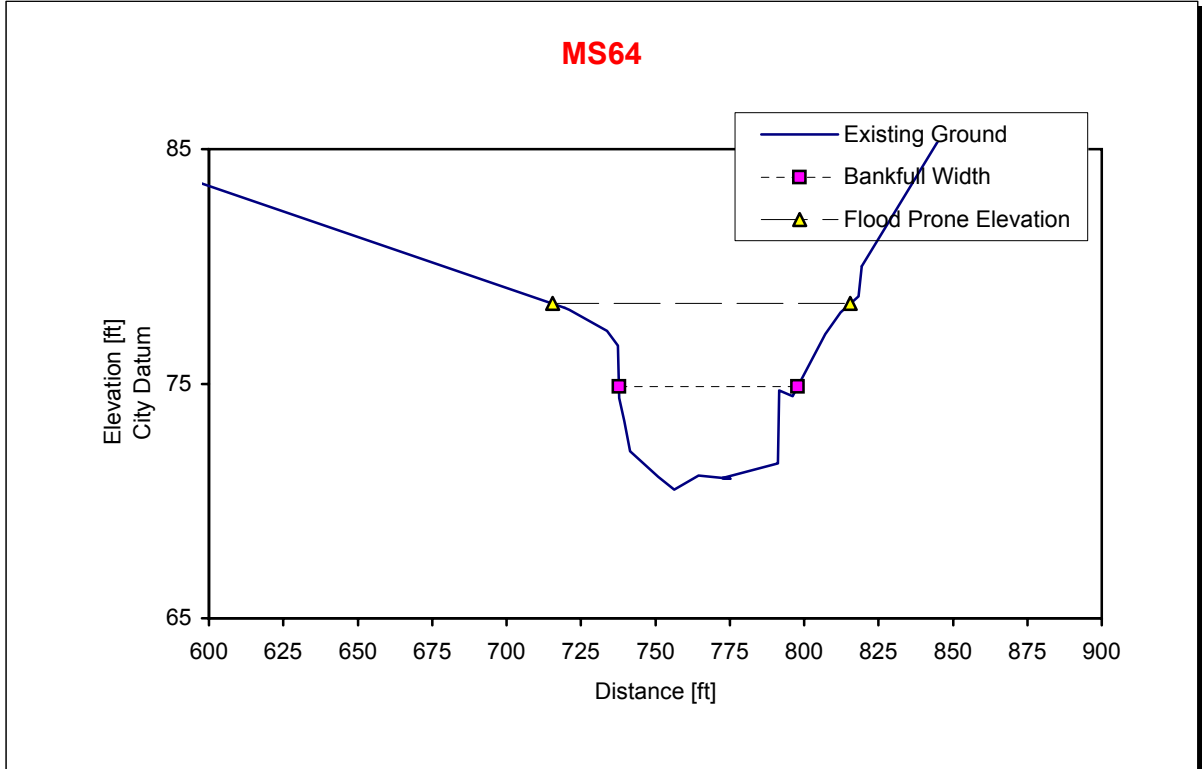


Rosgen Stream Type Classification	
Entrenchment	1.36
Width:Depth	16.55
Sinosity	1.01
Slope	0.0030
D50	128 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	3.45 [ft]
Area	197.16 [sq.ft]
Manning's n	0.0370
Velocity	4.93 [ft/s]
Discharge	971.67 [cfs]
Shear Stress	0.63 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

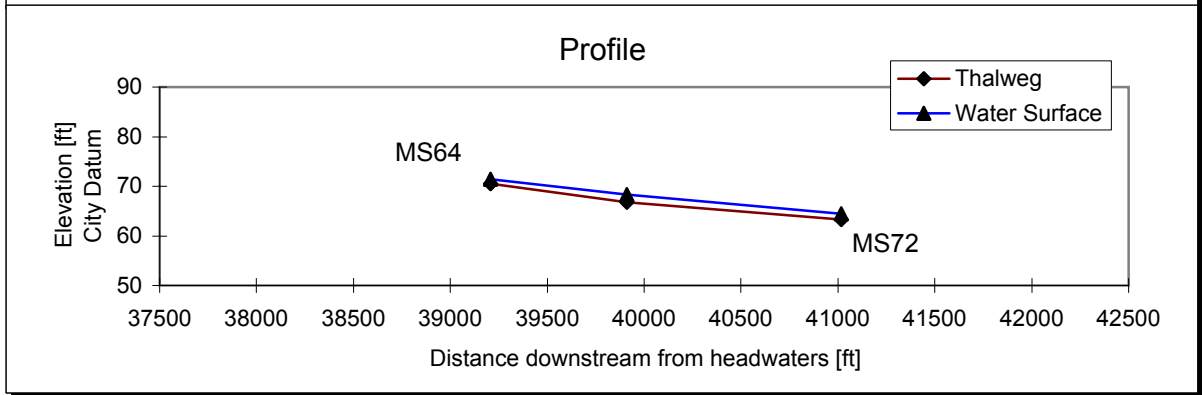
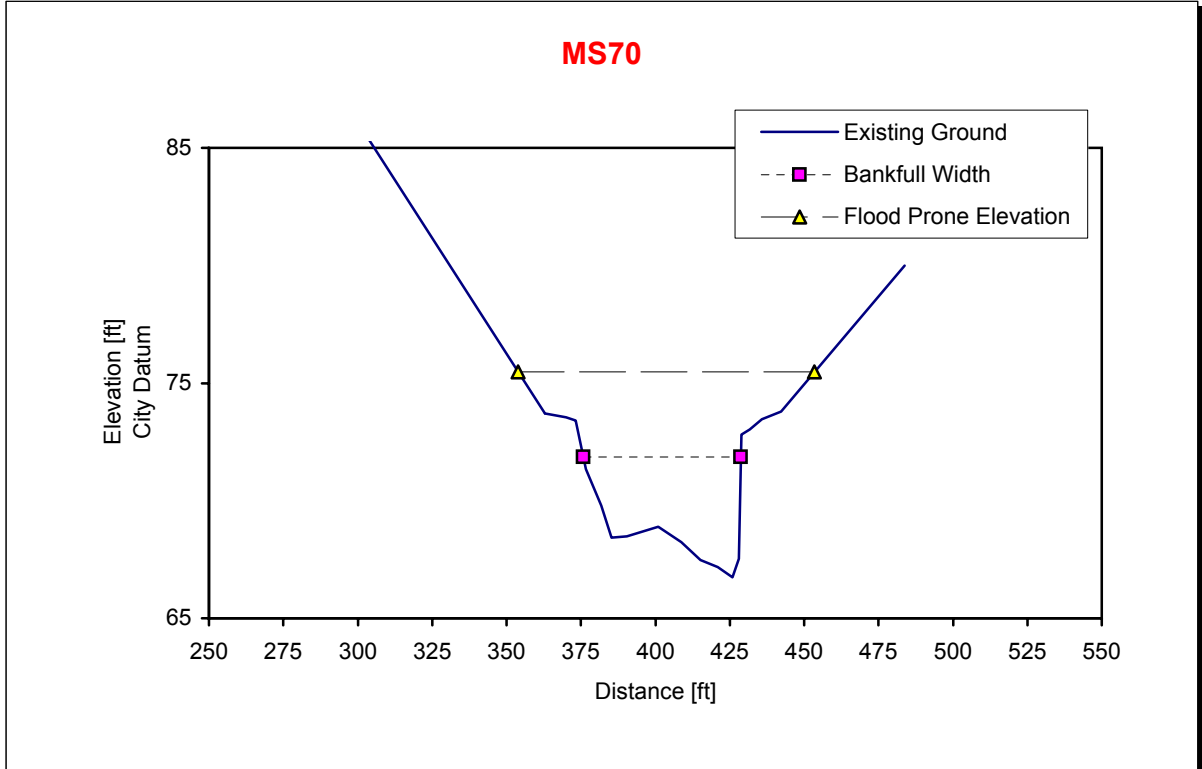




Rosgen Stream Type Classification	
Entrenchment	1.67
Width:Depth	18.72
Sinosity	1.02
Slope	0.0032
D50	90 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	3.21 [ft]
Area	192.42 [sq.ft]
Manning's n	0.0330
Velocity	5.06 [ft/s]
Discharge	973.37 [cfs]
Shear Stress	0.56 [lb/sq.ft]

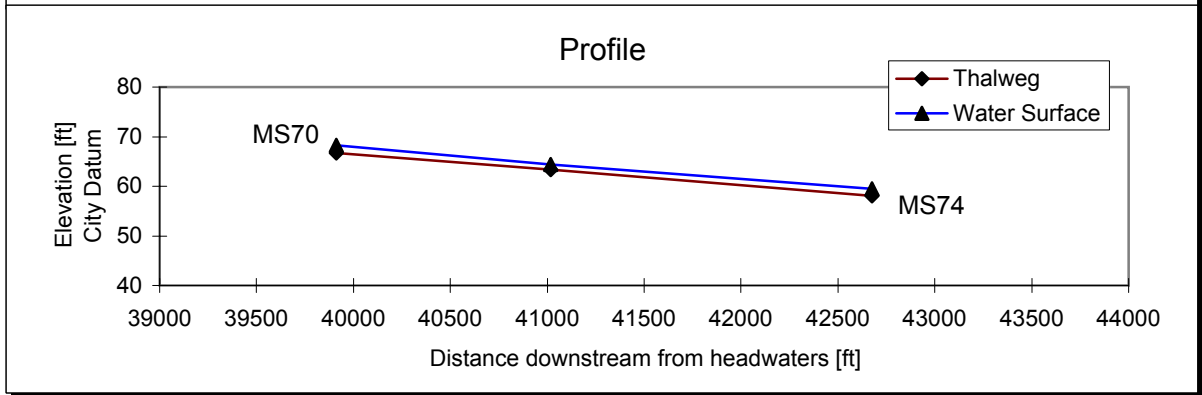
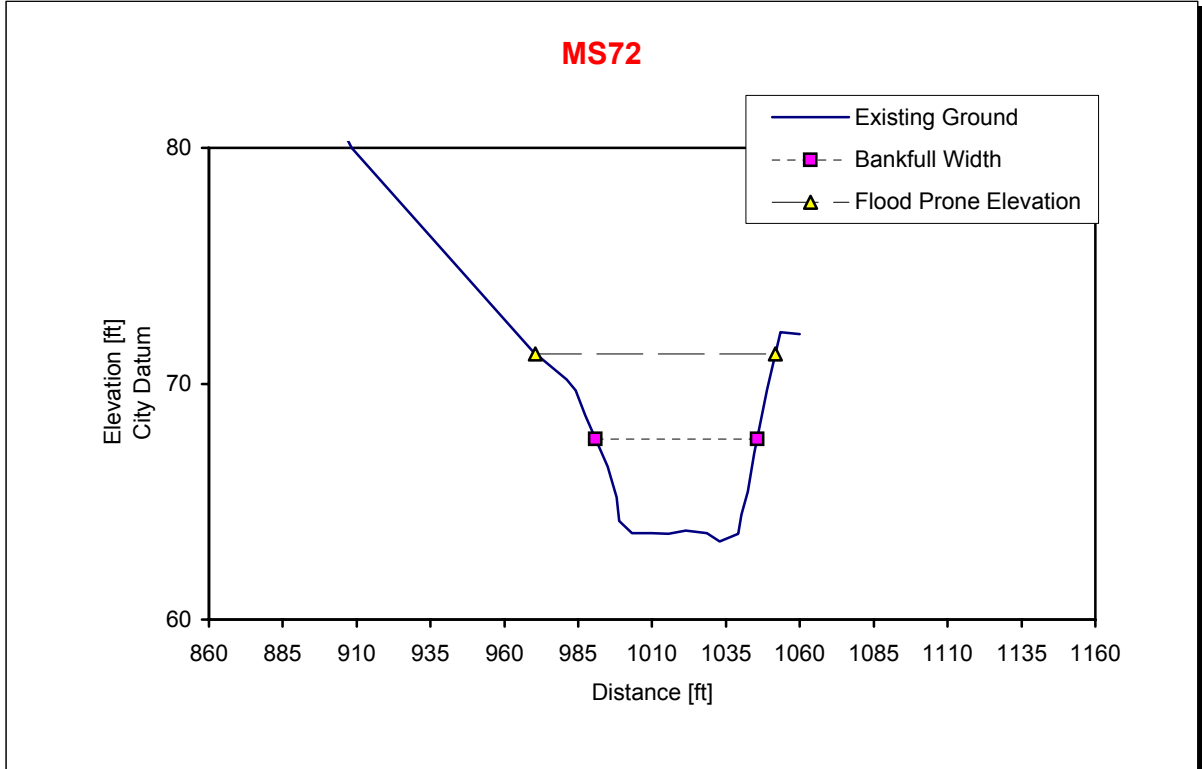
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township



Rosgen Stream Type Classification	
Entrenchment	1.88
Width:Depth	15.56
Sinosity	1.04
Slope	0.0039
D50	128 [mm]
Stream Type	B3c

Flow Calculations	
Bankfull Depth	3.41 [ft]
Area	180.72 [sq.ft]
Manning's n	0.0370
Velocity	5.40 [ft/s]
Discharge	975.94 [cfs]
Shear Stress	0.77 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

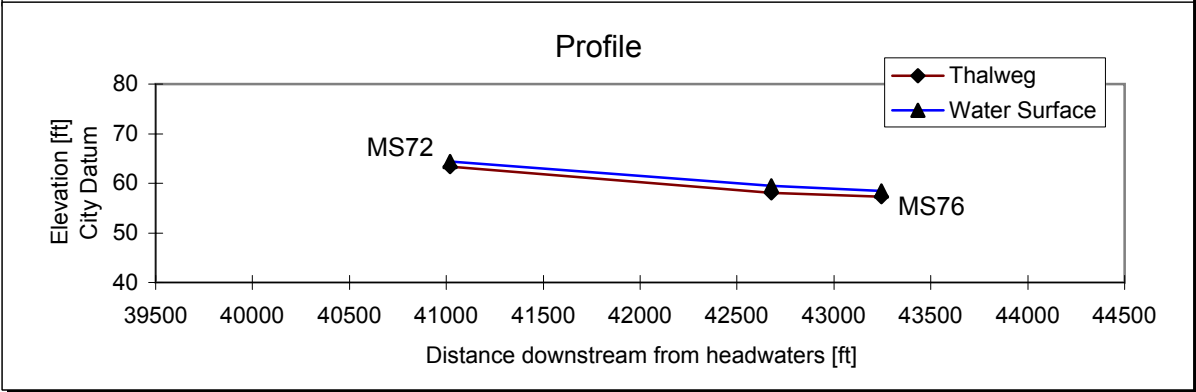
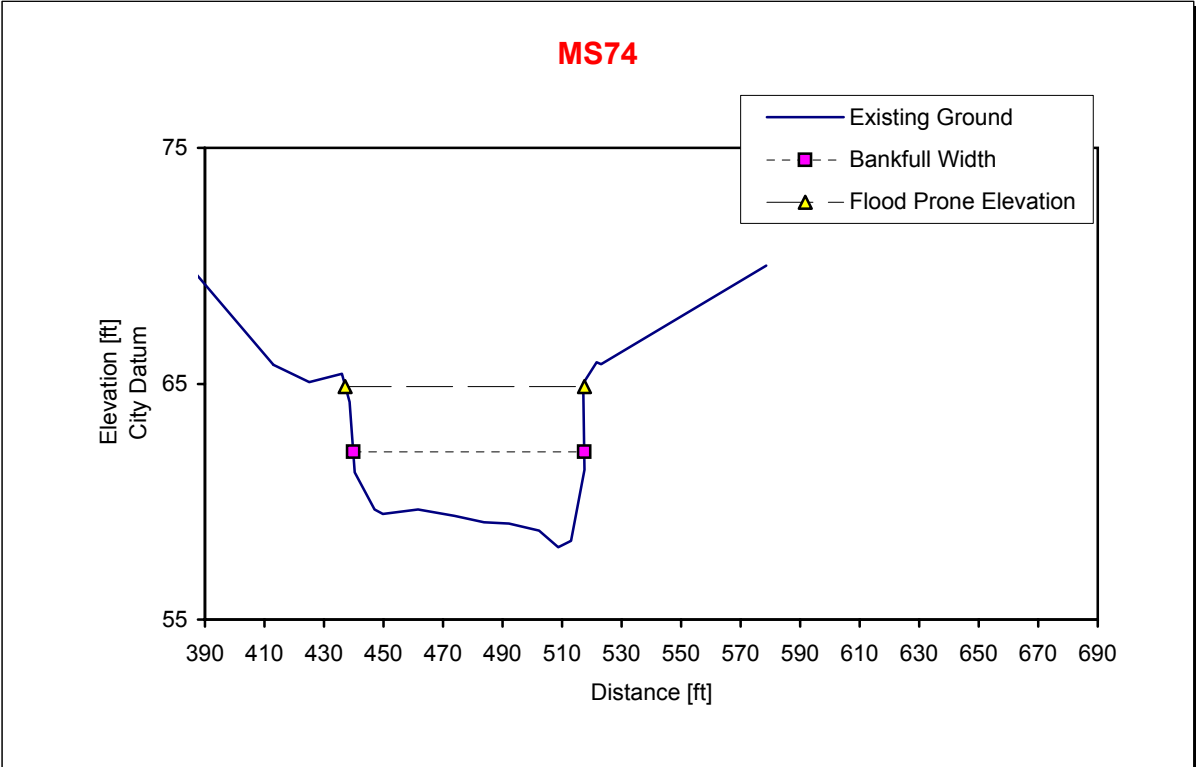


Rosgen Stream Type Classification	
Entrenchment	1.48
Width:Depth	16.20
Sinosity	1.08
Slope	0.0032
D50	90 [mm]
Stream Type	B4c

Flow Calculations	
Bankfull Depth	3.38 [ft]
Area	185.31 [sq.ft]
Manning's n	0.0350
Velocity	5.27 [ft/s]
Discharge	976.17 [cfs]
Shear Stress	0.64 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

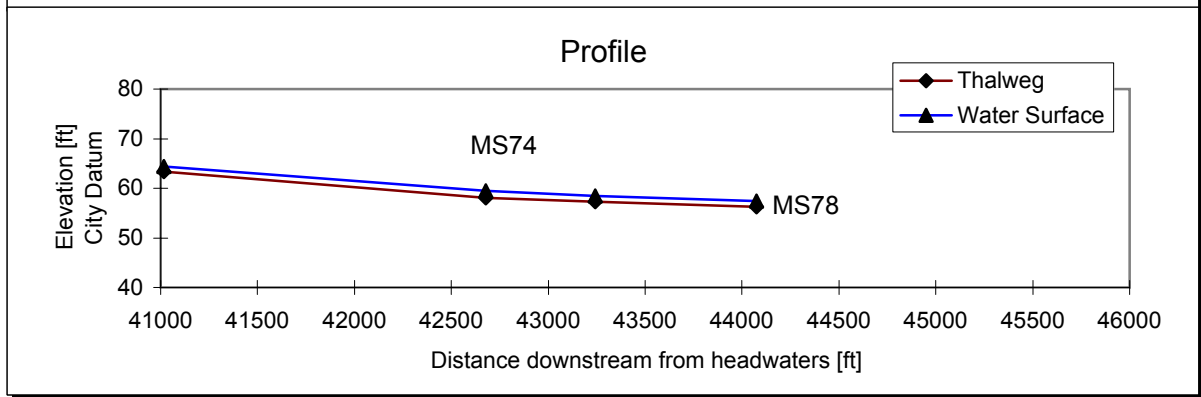
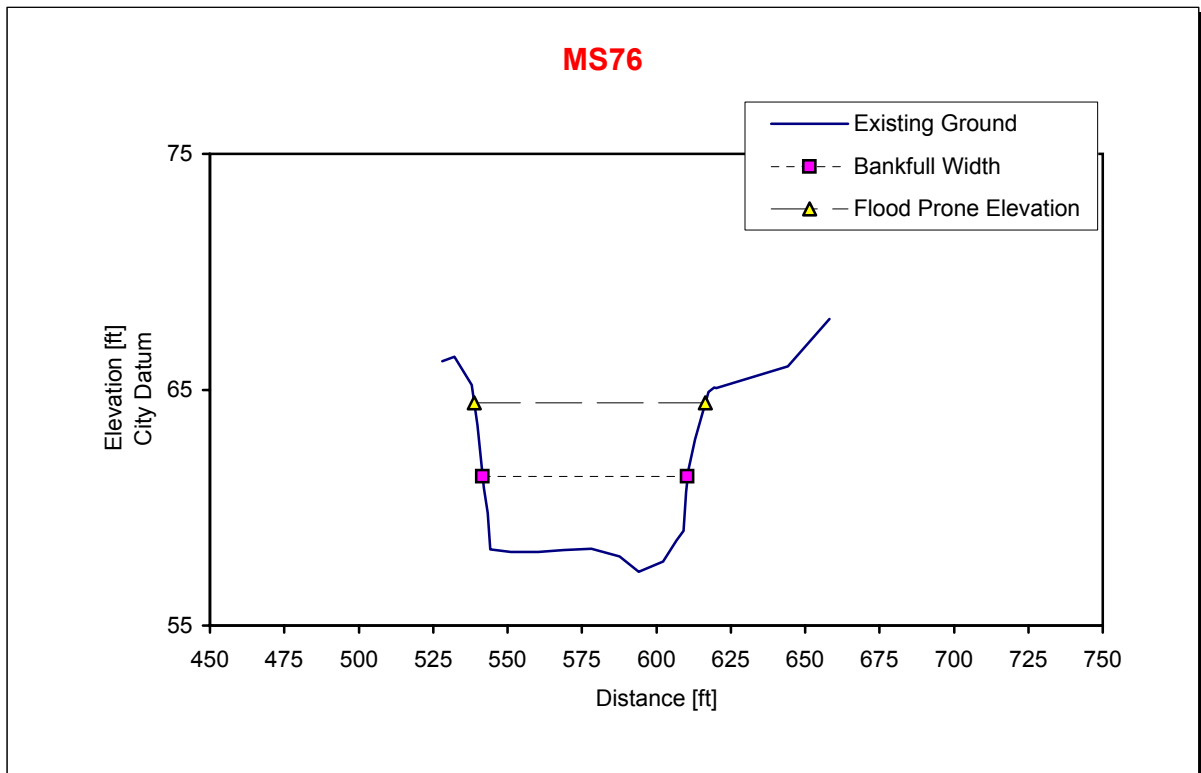
### MS74



Rosgen Stream Type Classification	
Entrenchment	1.03
Width:Depth	27.78
Sinosity	1.06
Slope	0.0027
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.80 [ft]
Area	217.26 [sq.ft]
Manning's n	0.0330
Velocity	4.52 [ft/s]
Discharge	981.51 [cfs]
Shear Stress	0.45 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

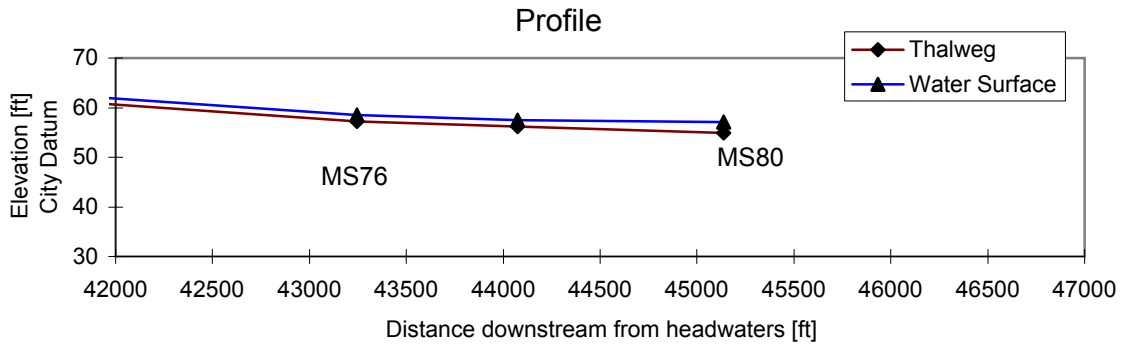
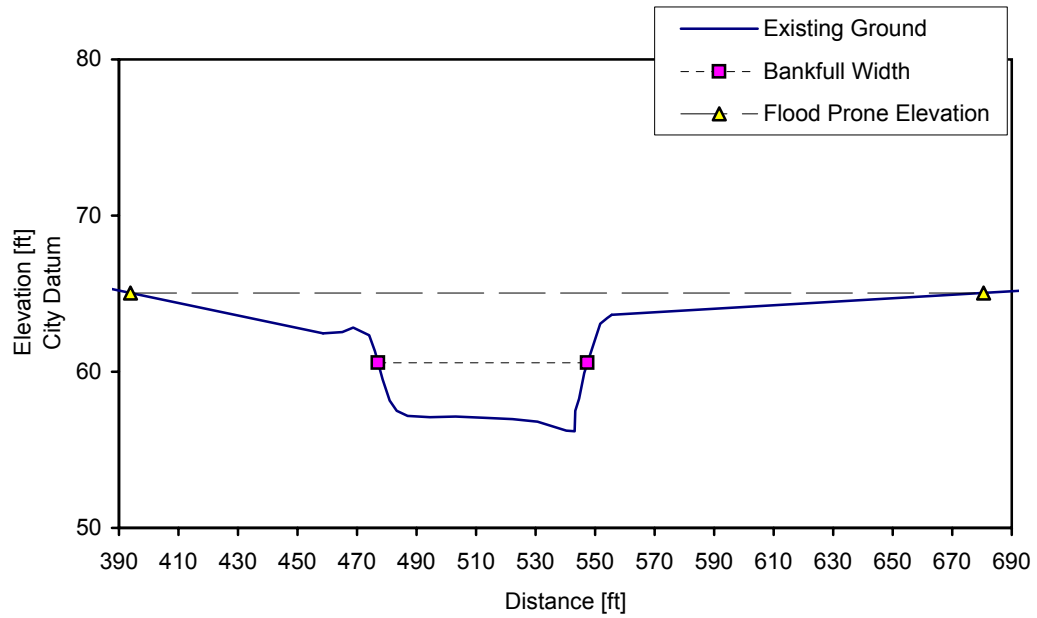


Rosgen Stream Type Classification	
Entrenchment	1.13
Width:Depth	21.77
Sinosity	1.03
Slope	0.0023
D50	64 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	3.16 [ft]
Area	217.87 [sq.ft]
Manning's n	0.0330
Velocity	4.51 [ft/s]
Discharge	982.05 [cfs]
Shear Stress	0.43 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Cheltenham Township

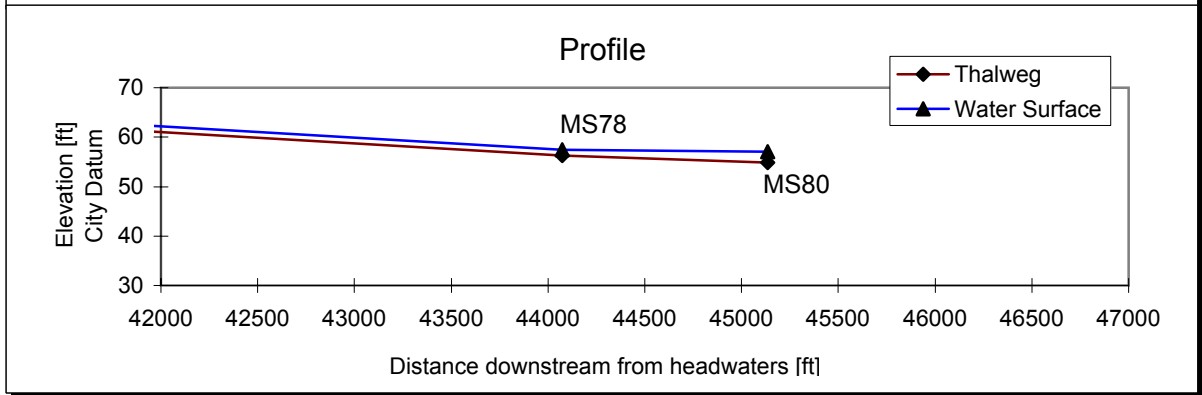
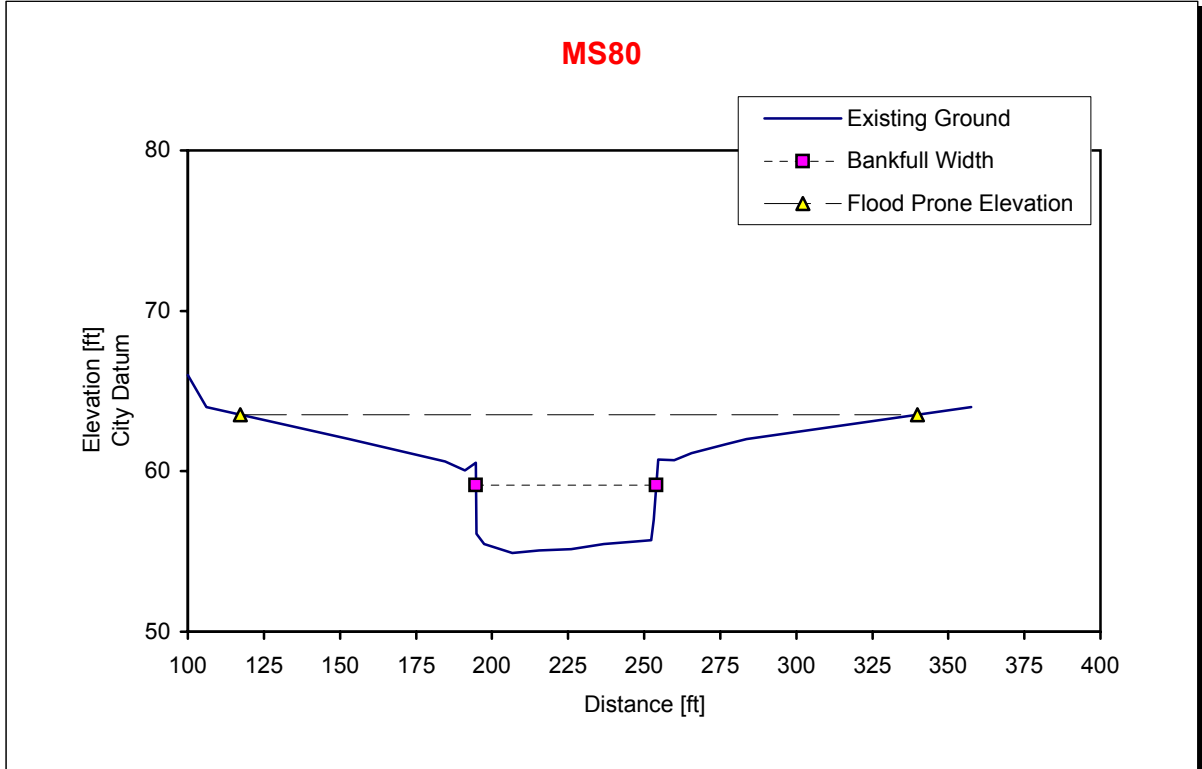
### MS78



Rosgen Stream Type Classification	
Entrenchment	4.07
Width:Depth	20.96
Sinosity	1.10
Slope	0.0018
D50	64 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	3.36 [ft]
Area	236.33 [sq.ft]
Manning's n	0.0330
Velocity	4.17 [ft/s]
Discharge	985.46 [cfs]
Shear Stress	0.36 [lb/sq.ft]

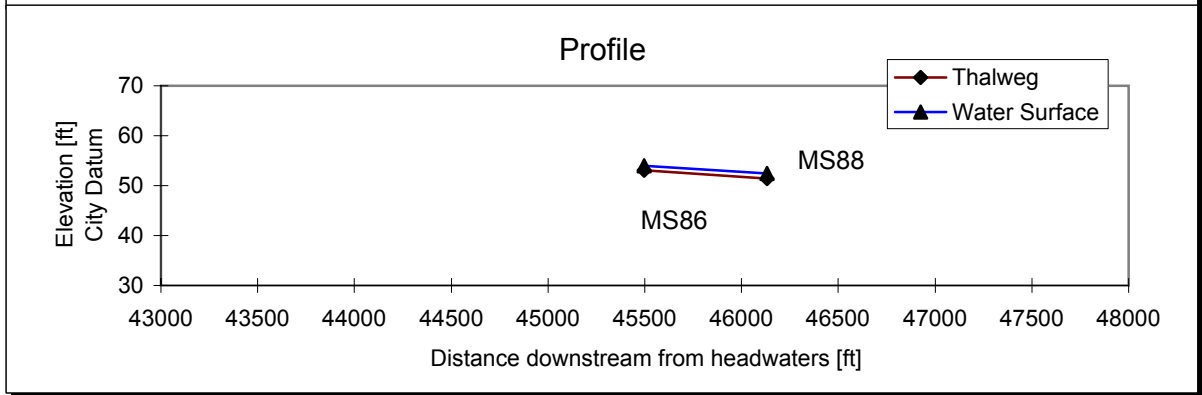
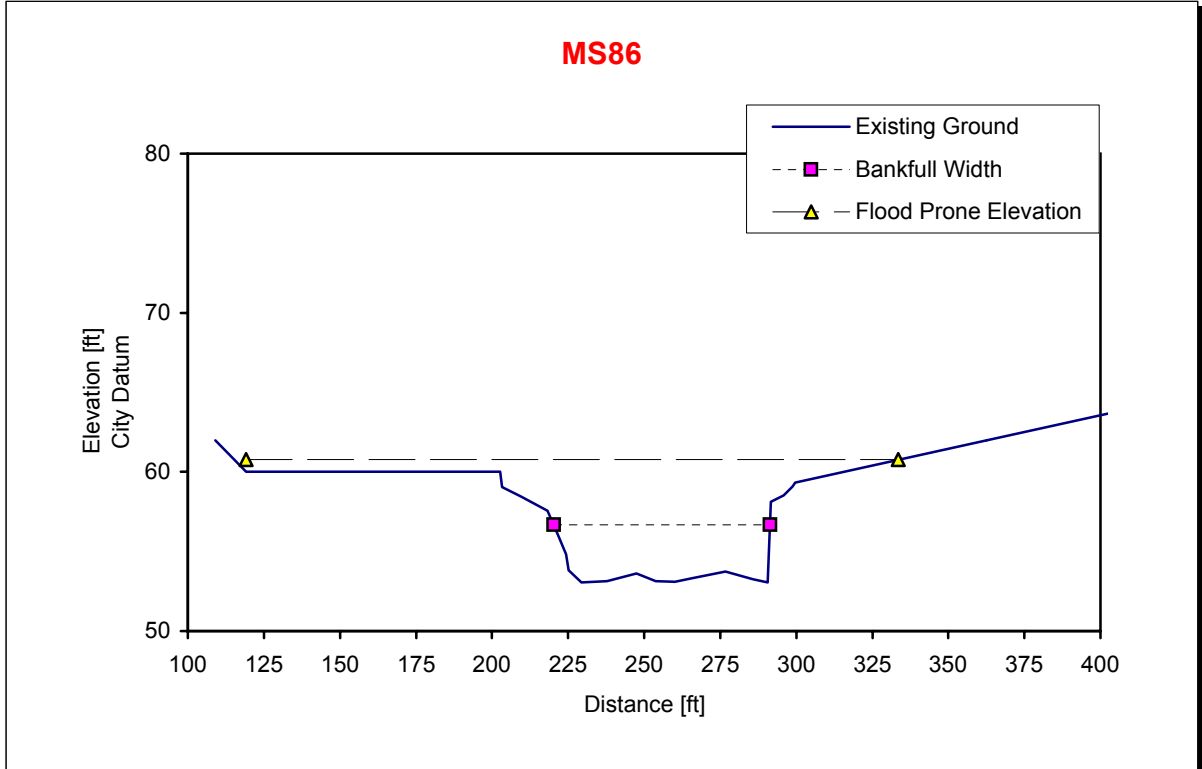
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia



Rosgen Stream Type Classification	
Entrenchment	3.75
Width:Depth	15.63
Sinosity	1.01
Slope	0.0018
D50	4 [mm]
Stream Type	C5

Flow Calculations	
Bankfull Depth	3.80 [ft]
Area	225.09 [sq.ft]
Manning's n	0.0330
Velocity	4.40 [ft/s]
Discharge	989.58 [cfs]
Shear Stress	0.39 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

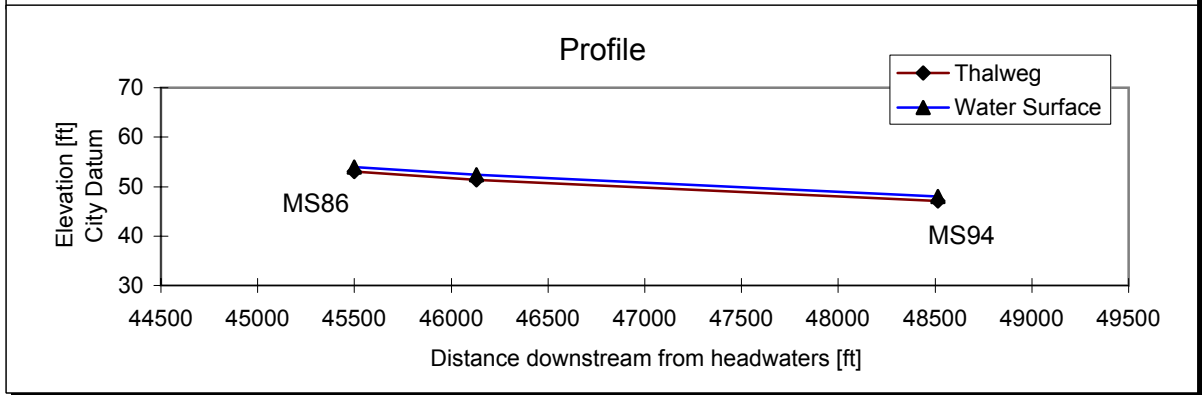
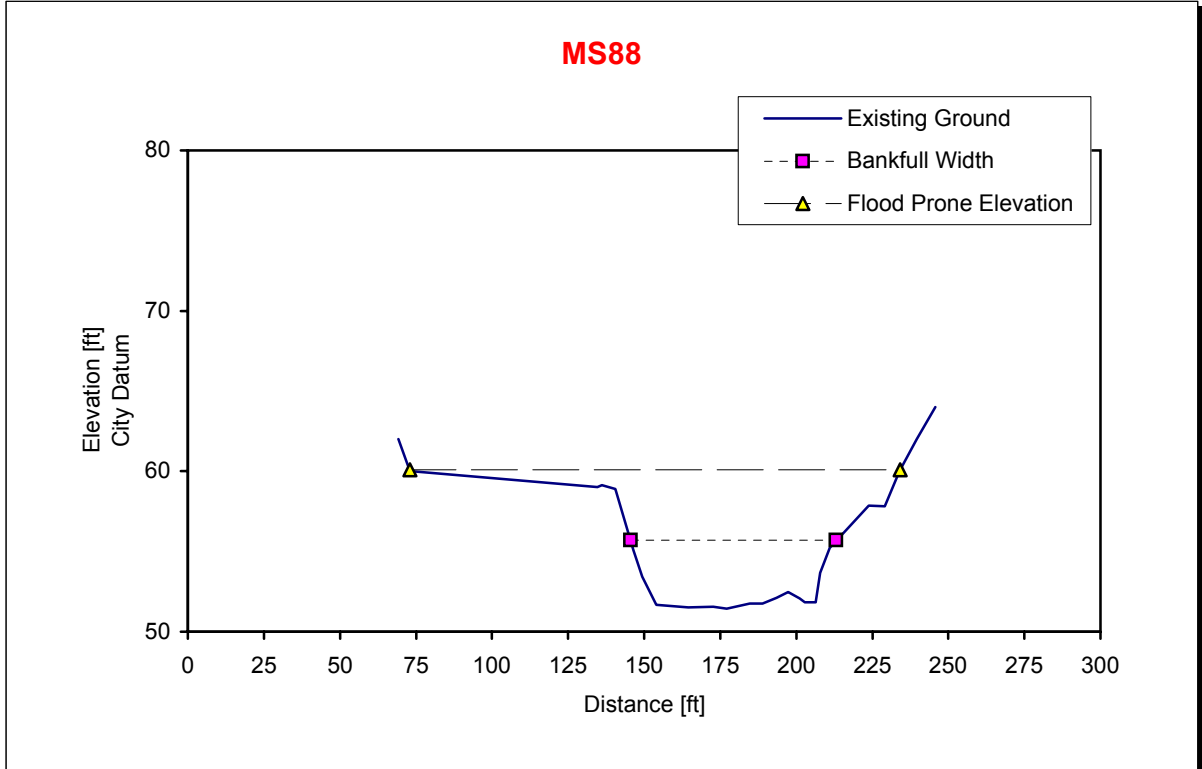


Rosgen Stream Type Classification	
Entrenchment	3.01
Width:Depth	22.39
Sinosity	1.02
Slope	0.0025
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	3.17 [ft]
Area	225.54 [sq.ft]
Manning's n	0.0350
Velocity	4.41 [ft/s]
Discharge	993.75 [cfs]
Shear Stress	0.46 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

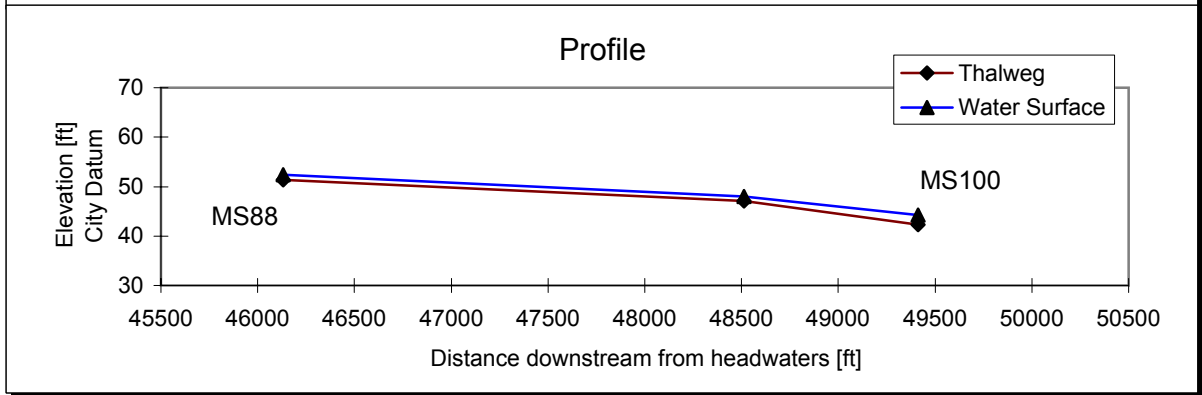
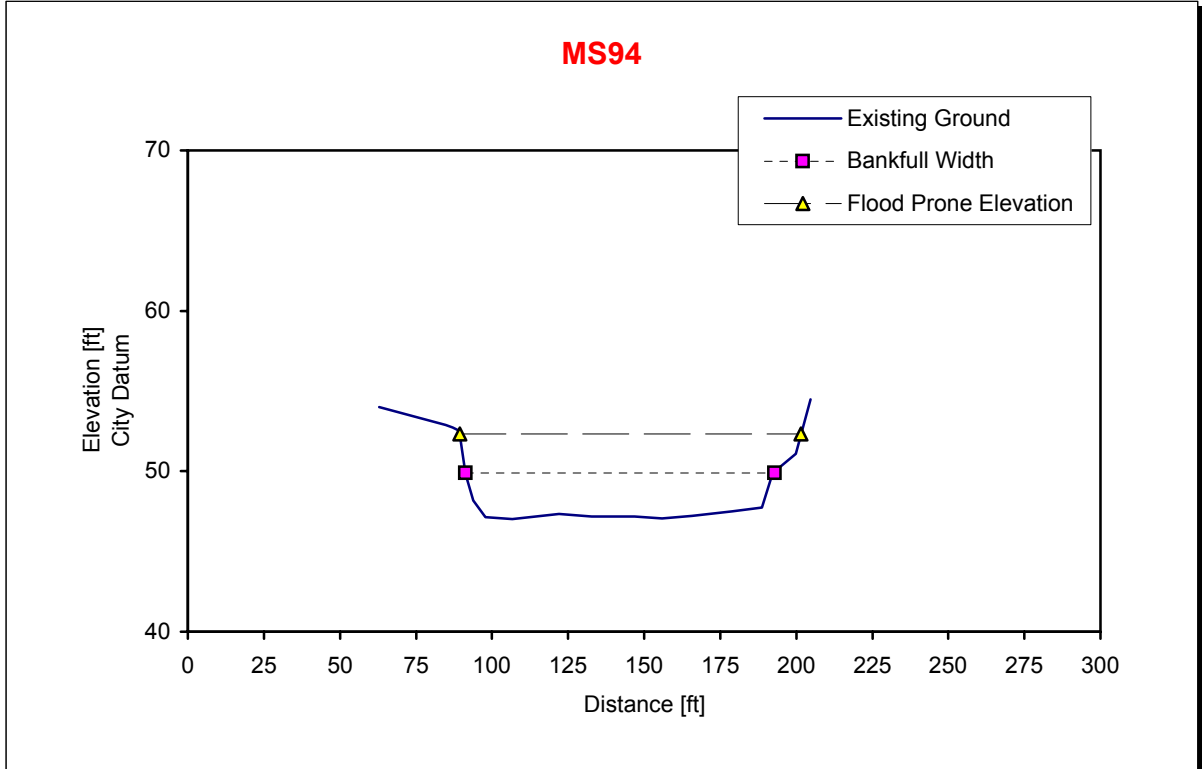




Rosgen Stream Type Classification	
Entrenchment	2.38
Width:Depth	19.53
Sinosity	1.06
Slope	0.0020
D50	90 [mm]
Stream Type	C4

Flow Calculations	
Bankfull Depth	3.47 [ft]
Area	234.72 [sq.ft]
Manning's n	0.0350
Velocity	4.25 [ft/s]
Discharge	998.06 [cfs]
Shear Stress	0.42 [lb/sq.ft]

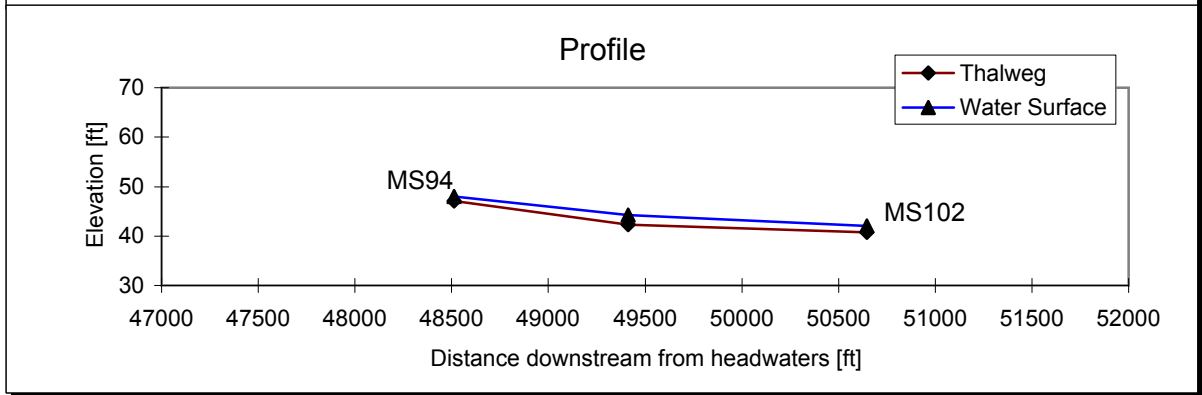
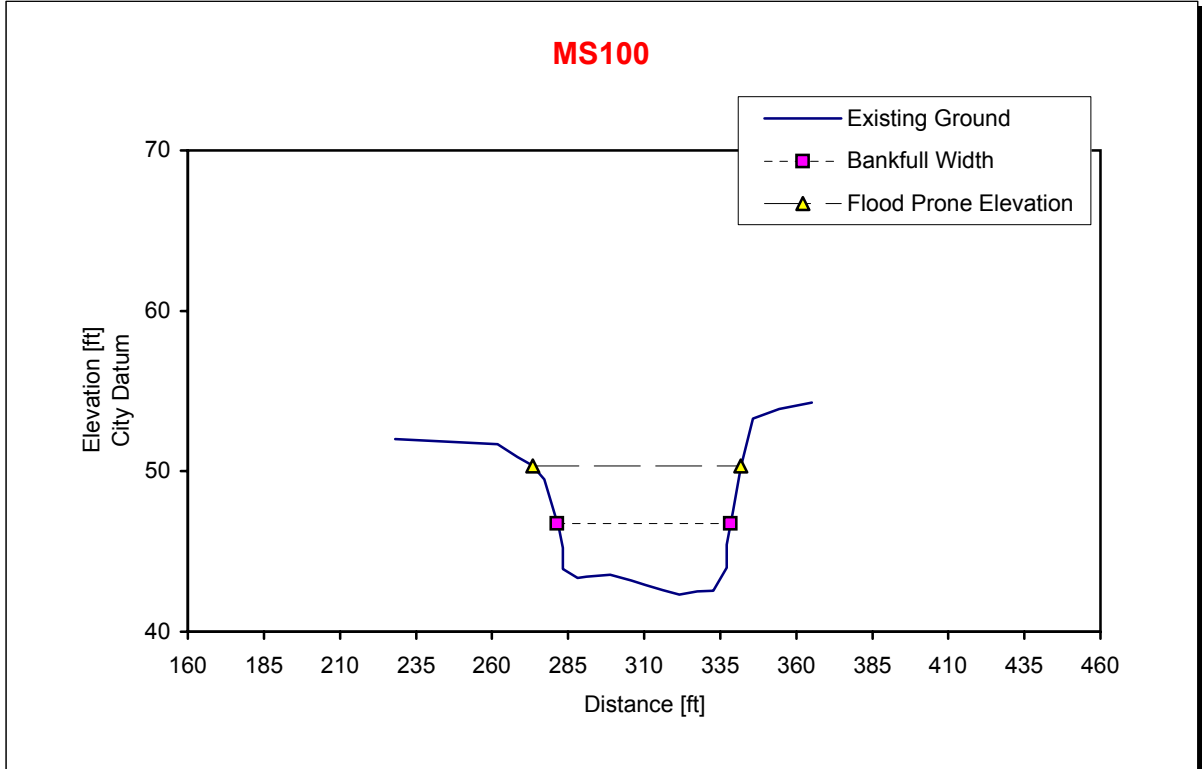
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia



Rosgen Stream Type Classification	
Entrenchment	1.10
Width:Depth	40.32
Sinosity	1.02
Slope	0.0025
D50	90 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	2.52 [ft]
Area	256.61 [sq.ft]
Manning's n	0.0350
Velocity	3.90 [ft/s]
Discharge	1001.92 [cfs]
Shear Stress	0.39 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

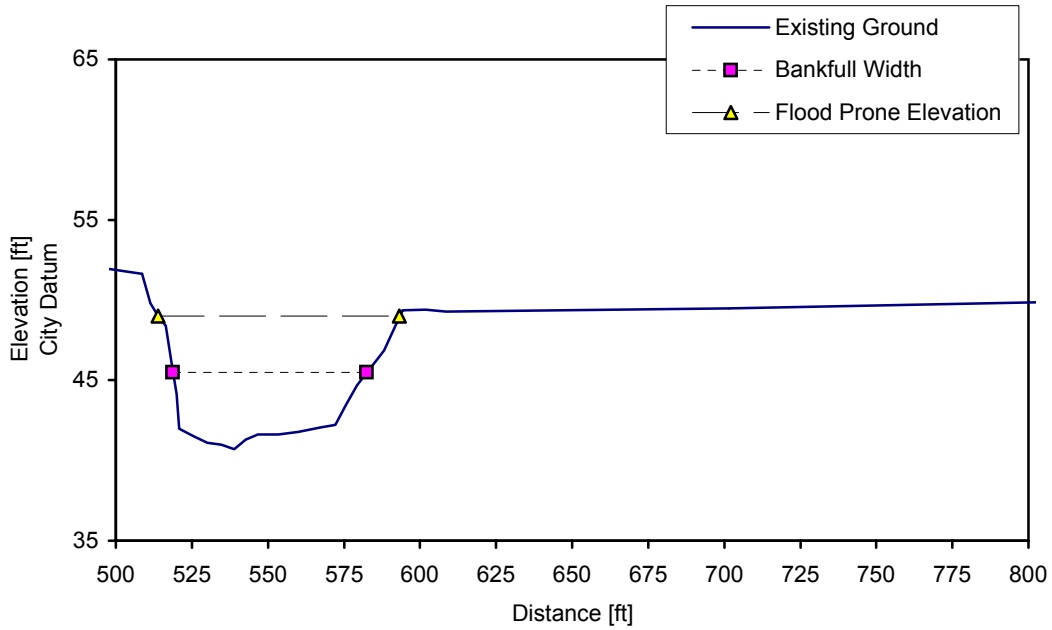


Rosgen Stream Type Classification	
Entrenchment	1.20
Width:Depth	16.07
Sinosity	1.01
Slope	0.0028
D50	32 [mm]
Stream Type	F4

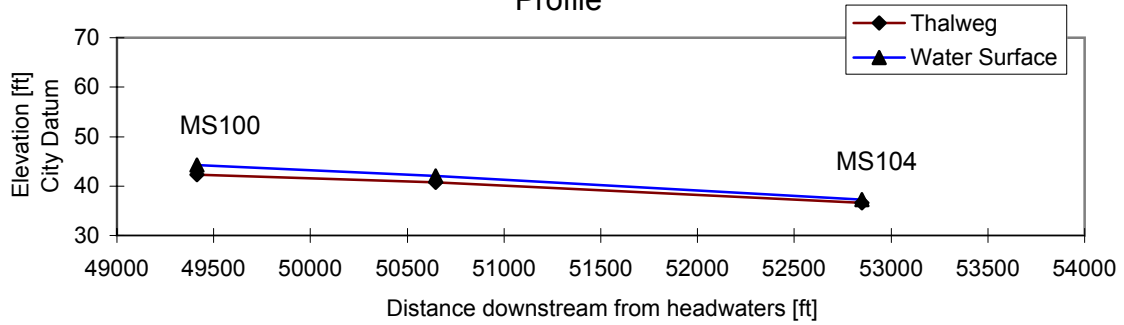
Flow Calculations	
Bankfull Depth	3.55 [ft]
Area	202.13 [sq.ft]
Manning's n	0.0350
Velocity	4.98 [ft/s]
Discharge	1007.30 [cfs]
Shear Stress	0.57 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

### MS102



### Profile



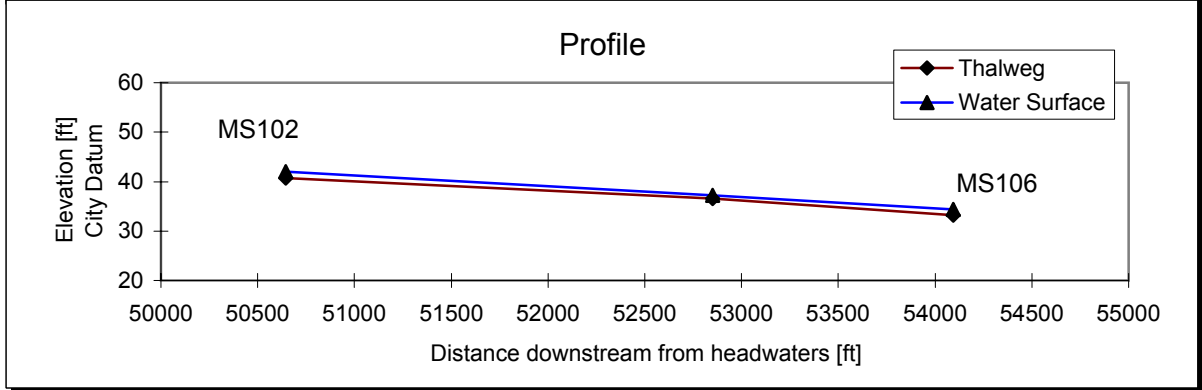
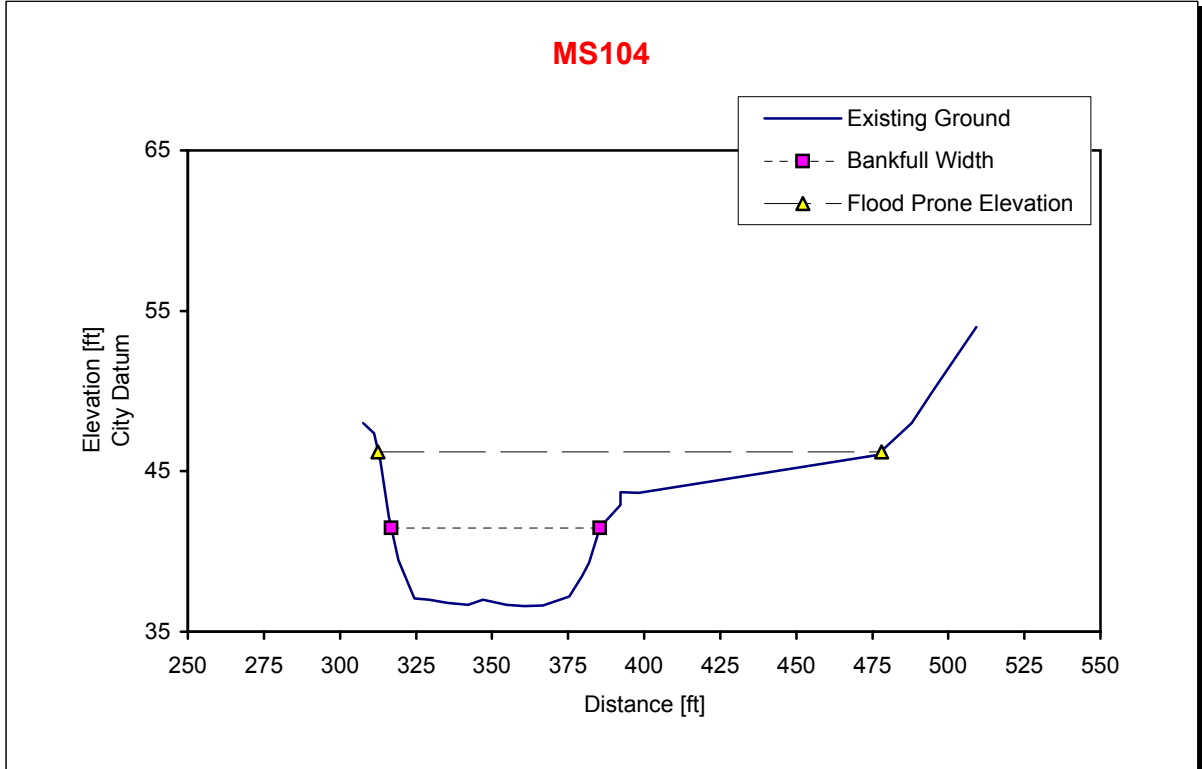
#### Rosgen Stream Type Classification

Entrenchment	1.25
Width:Depth	18.30
Sinosity	1.17
Slope	0.0020
D50	90 [mm]
Stream Type	F4

#### Flow Calculations

Bankfull Depth	3.48 [ft]
Area	221.73 [sq.ft]
Manning's n	0.0330
Velocity	4.55 [ft/s]
Discharge	1007.93 [cfs]
Shear Stress	0.42 [lb/sq.ft]

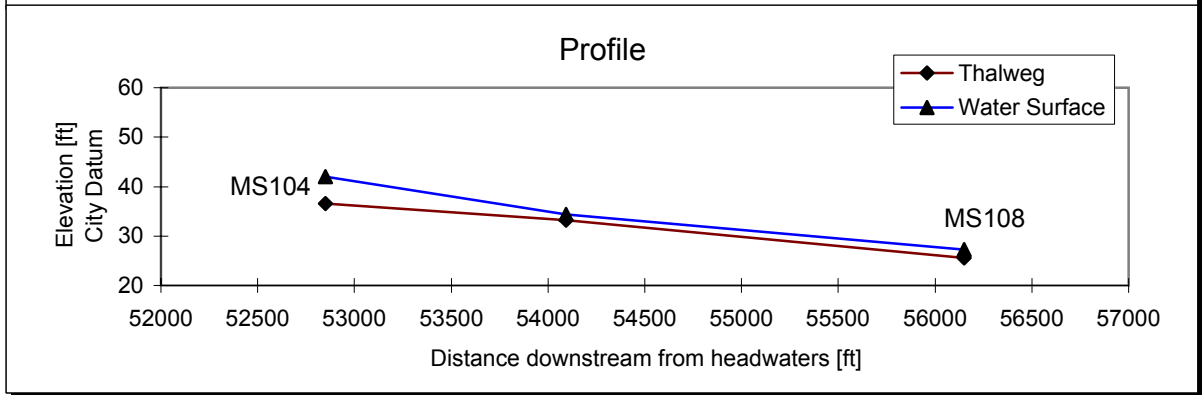
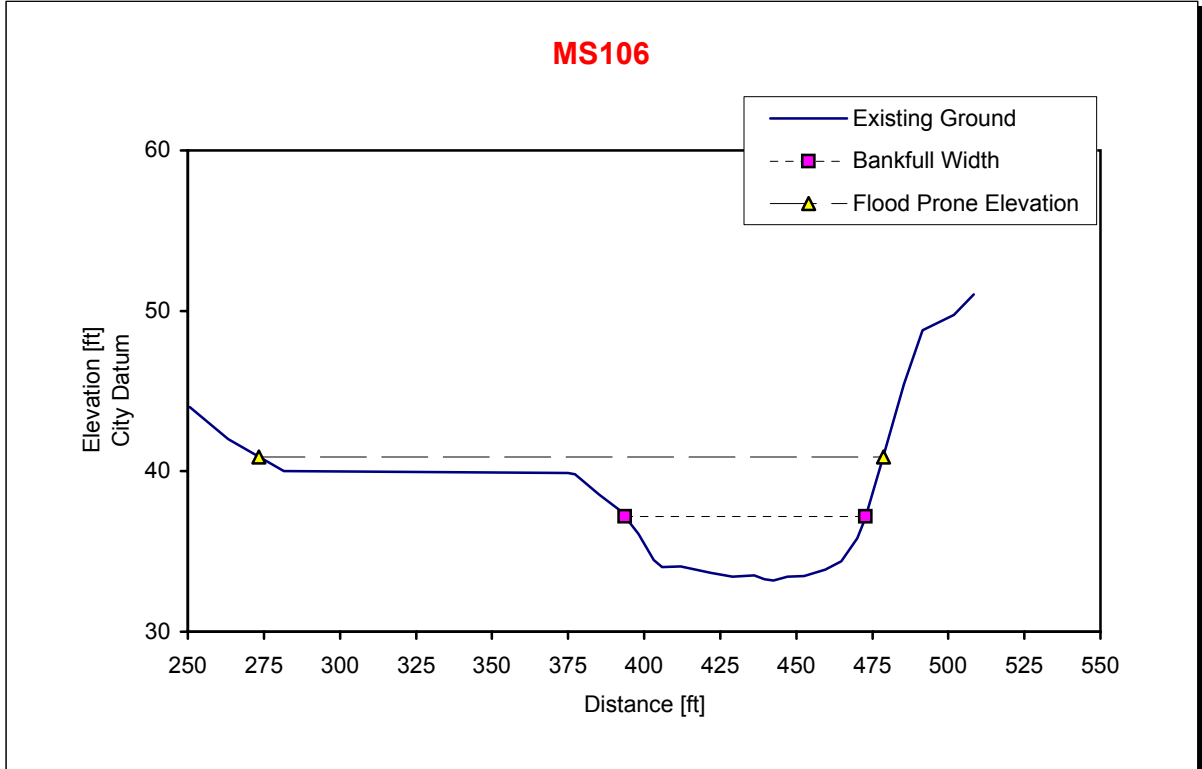
**Project Name:** Tacony Creek Stream Assessment  
**Creek:** Main Stem Tacony  
**Location:** Philadelphia



Rosgen Stream Type Classification	
Entrenchment	2.41
Width:Depth	16.77
Sinosity	1.12
Slope	0.0022
D50	180 [mm]
Stream Type	C3

Flow Calculations	
Bankfull Depth	4.09 [ft]
Area	280.53 [sq.ft]
Manning's n	0.0370
Velocity	4.75 [ft/s]
Discharge	1332.87 [cfs]
Shear Stress	0.55 [lb/sq.ft]

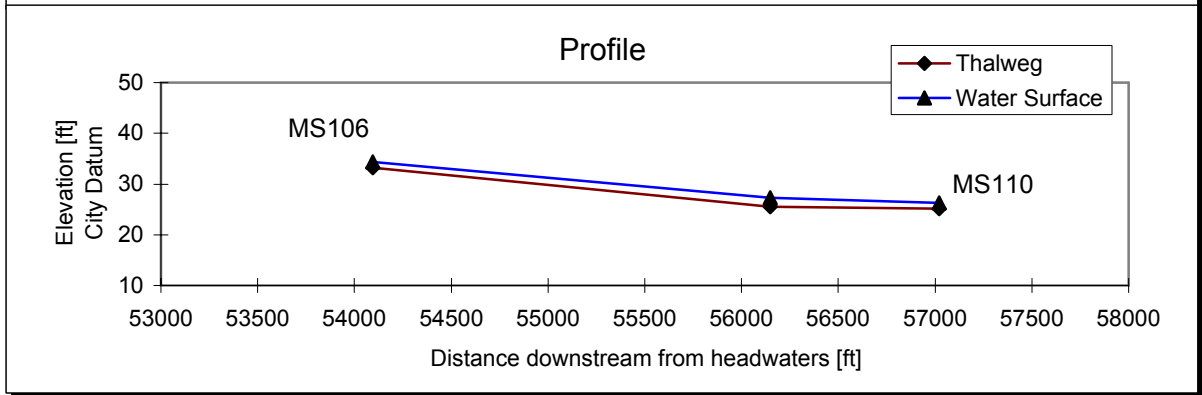
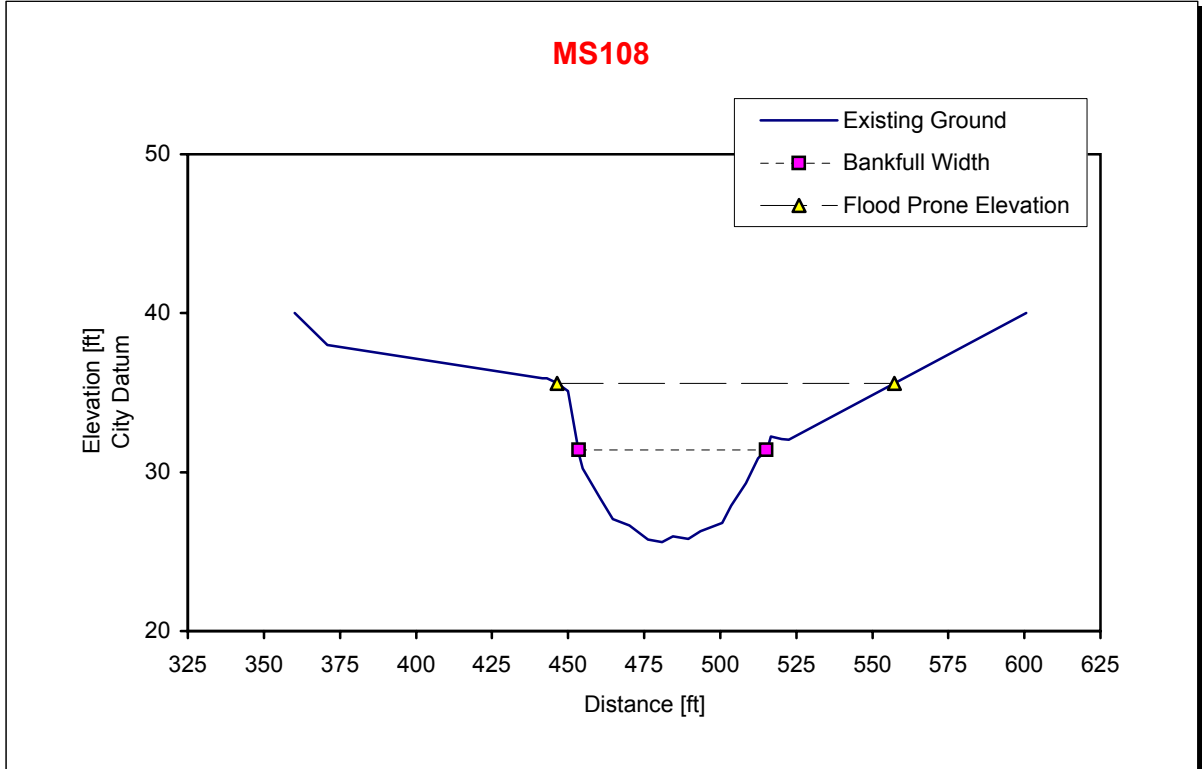
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia



Rosgen Stream Type Classification	
Entrenchment	2.59
Width:Depth	26.26
Sinosity	1.19
Slope	0.0045
D50	180 [mm]
Stream Type	C3

Flow Calculations	
Bankfull Depth	3.02 [ft]
Area	239.11 [sq.ft]
Manning's n	0.0370
Velocity	5.58 [ft/s]
Discharge	1335.34 [cfs]
Shear Stress	0.83 [lb/sq.ft]

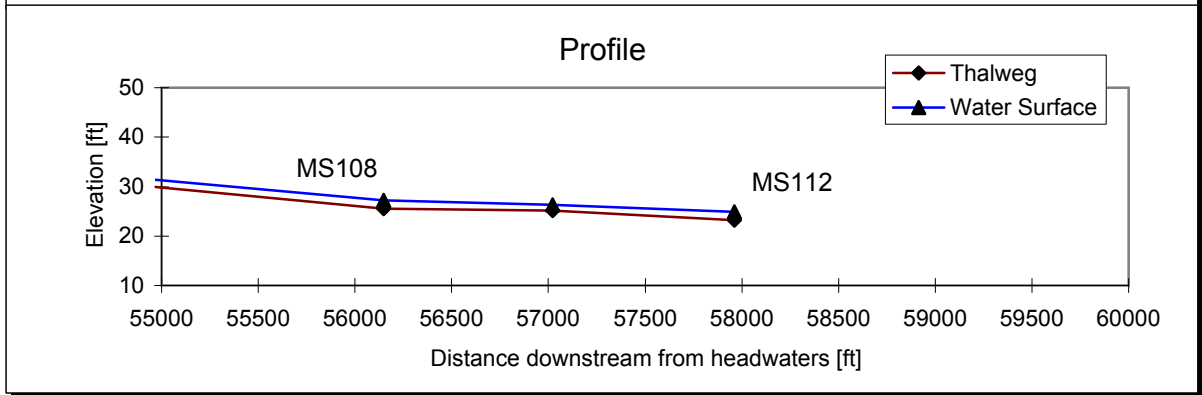
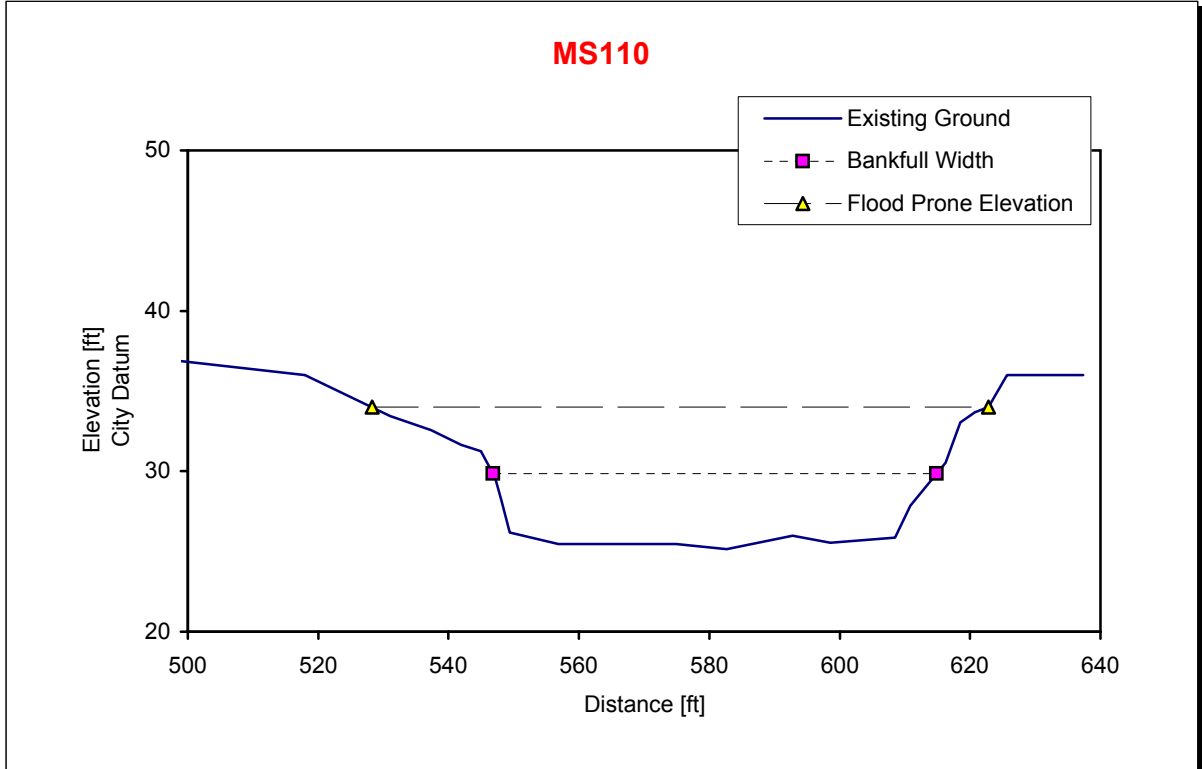
<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia



Rosgen Stream Type Classification	
Entrenchment	1.79
Width:Depth	15.53
Sinosity	1.48
Slope	0.0028
D50	180 [mm]
Stream Type	B3c

Flow Calculations	
Bankfull Depth	3.98 [ft]
Area	246.08 [sq.ft]
Manning's n	0.0350
Velocity	5.54 [ft/s]
Discharge	1362.85 [cfs]
Shear Stress	0.67 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

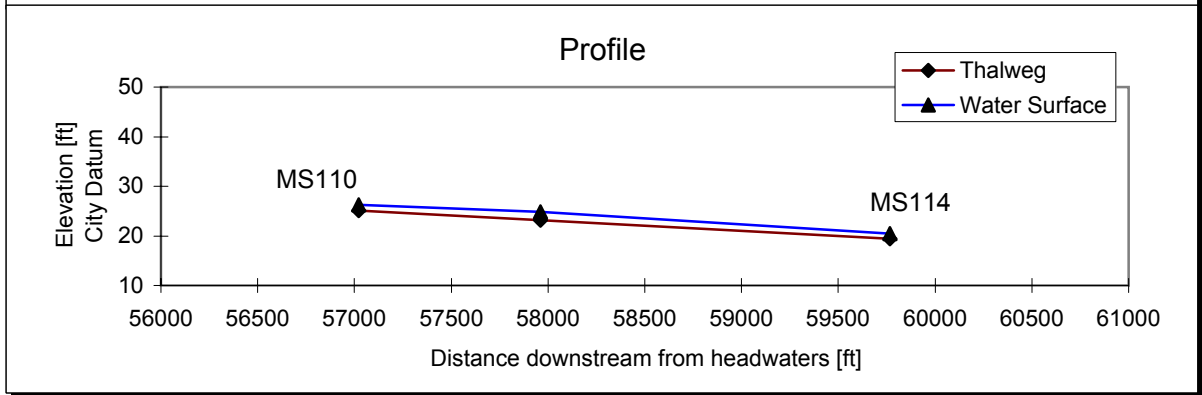
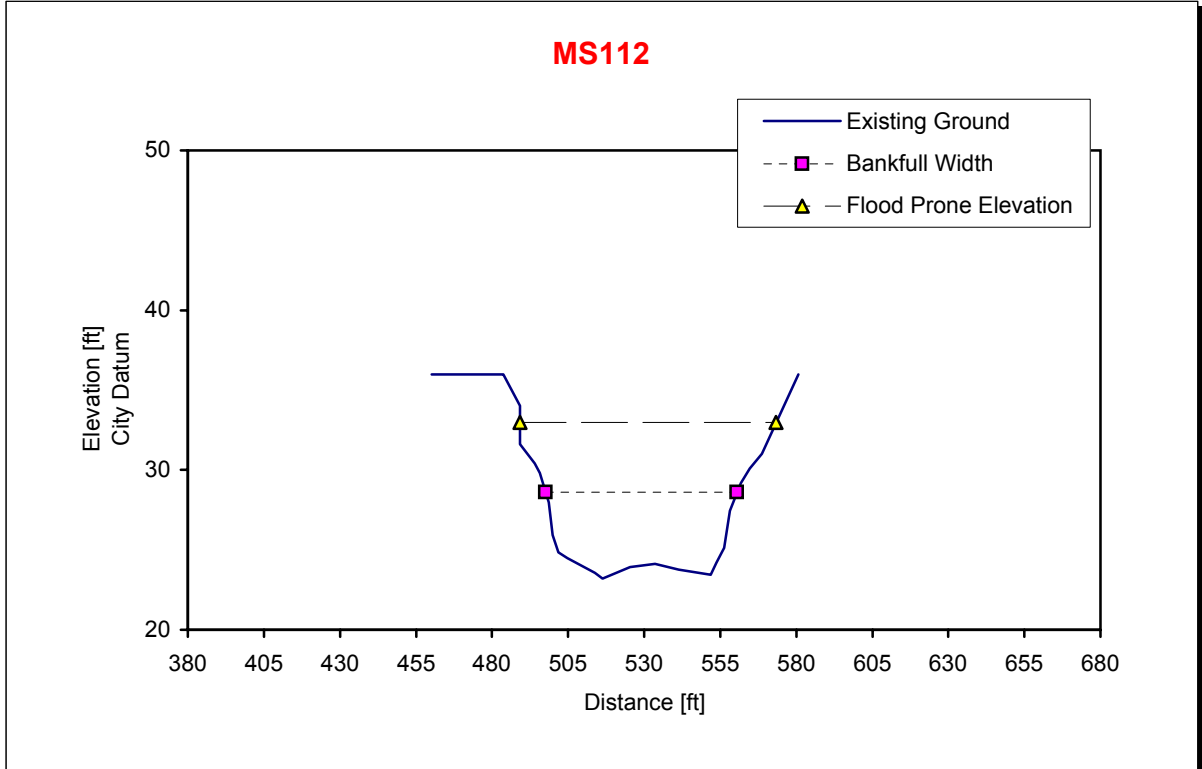


Rosgen Stream Type Classification	
Entrenchment	1.39
Width:Depth	17.29
Sinosity	1.14
Slope	0.0025
D50	32 [mm]
Stream Type	F4

Flow Calculations	
Bankfull Depth	3.93 [ft]
Area	267.65 [sq.ft]
Manning's n	0.0350
Velocity	5.11 [ft/s]
Discharge	1368.88 [cfs]
Shear Stress	0.58 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia



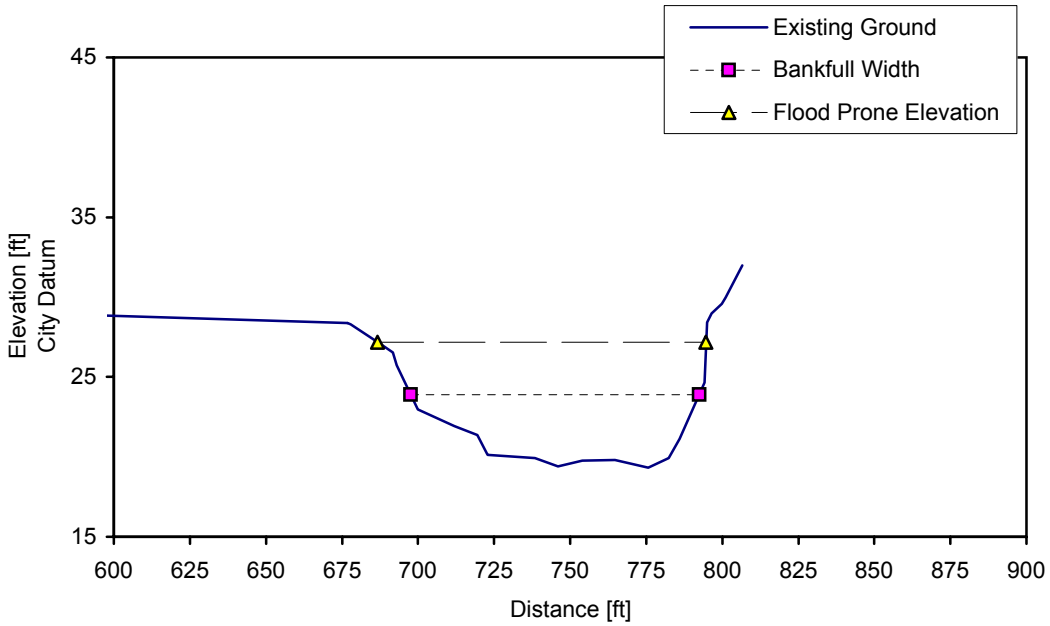


Rosgen Stream Type Classification	
Entrenchment	1.34
Width:Depth	14.52
Sinosity	1.11
Slope	0.0021
D50	90 [mm]
Stream Type	F4

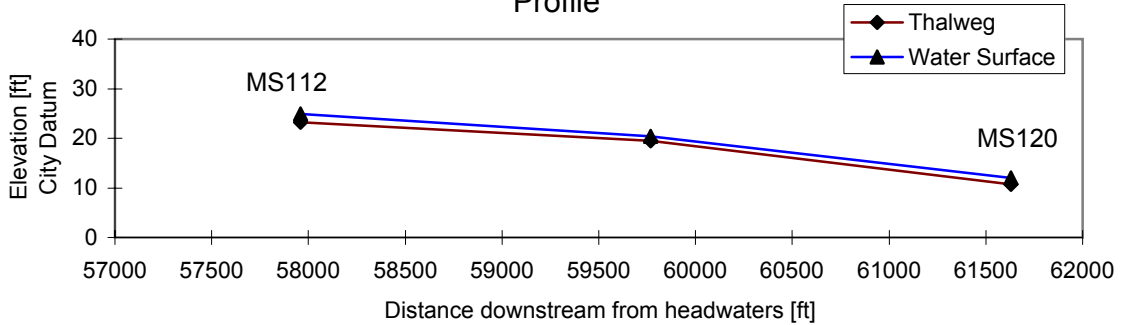
Flow Calculations	
Bankfull Depth	4.33 [ft]
Area	272.53 [sq.ft]
Manning's n	0.0350
Velocity	5.03 [ft/s]
Discharge	1371.69 [cfs]
Shear Stress	0.54 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

### MS114



### Profile



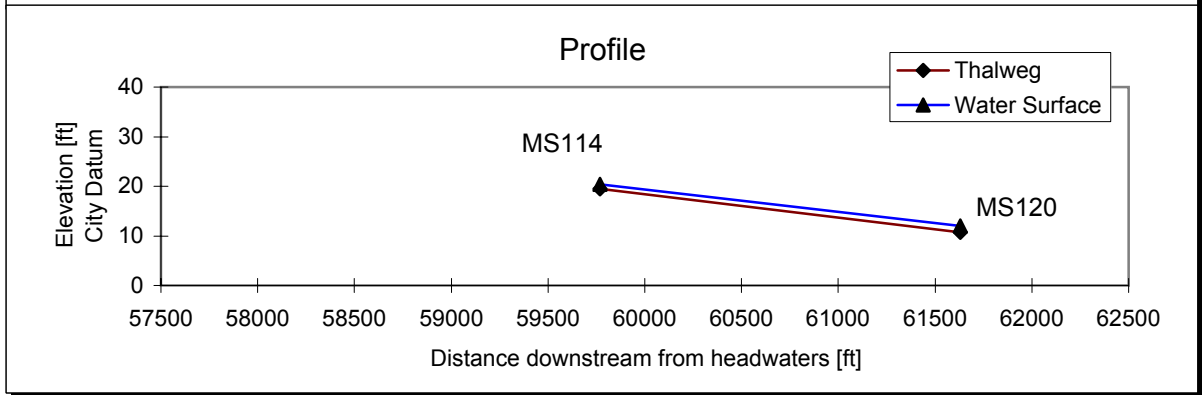
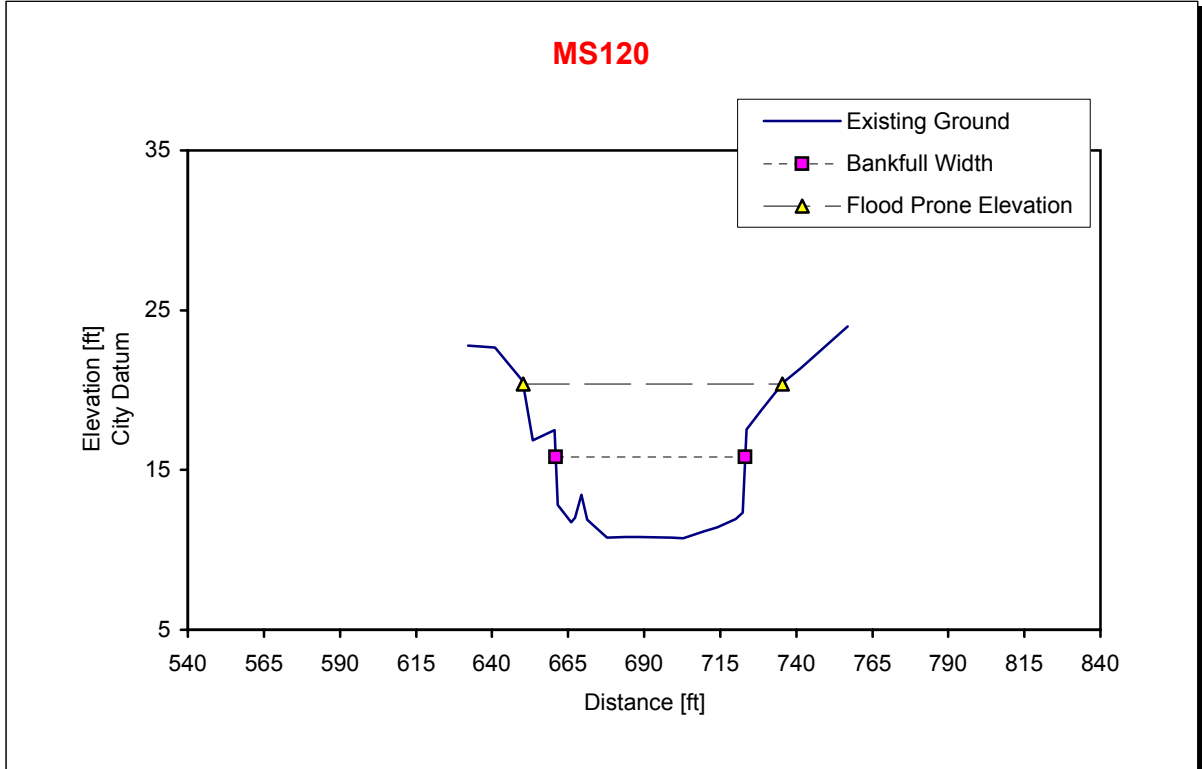
#### Rosgen Stream Type Classification

<b>Entrenchment</b>	1.14
<b>Width:Depth</b>	28.60
<b>Sinosity</b>	1.07
<b>Slope</b>	0.0035
<b>D50</b>	128 [mm]
<b>Stream Type</b>	F3

#### Flow Calculations

<b>Bankfull Depth</b>	3.32 [ft]
<b>Area</b>	314.62 [sq.ft]
<b>Manning's n</b>	0.0350
<b>Velocity</b>	5.56 [ft/s]
<b>Discharge</b>	1748.61 [cfs]
<b>Shear Stress</b>	0.72 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia



Rosgen Stream Type Classification	
Entrenchment	1.37
Width:Depth	14.01
Sinosity	1.03
Slope	0.0045
D50	362 [mm]
Stream Type	F3

Flow Calculations	
Bankfull Depth	4.44 [ft]
Area	276.26 [sq.ft]
Manning's n	0.0400
Velocity	6.34 [ft/s]
Discharge	1750.34 [cfs]
Shear Stress	1.13 [lb/sq.ft]

<b>Project Name:</b>	Tacony Creek Stream Assessment
<b>Creek:</b>	Main Stem Tacony
<b>Location:</b>	Philadelphia

**APPENDIX D – INFRASTRUCTURE ASSESSMENT  
DATASHEETS**

## Infrastructure Legend

- Ⓟ Bridge
- Ⓒ Confluence
- Ⓓ Dam
- Ⓜ Manhole
- Ⓞ Outfall
- Ⓟ Pipe
- Channel
- Culvert

R		
A	Total Score	83 / 155
N	Stability Score	52 / 100
K	Habitat Score	31 / 55
I	Priority In Shed	15 / 102
N	Priority In Tributary	1 / 1
G		

I	<b>A2</b>
N	<u>Unknown Tributary A to Tookany Creek</u>
F	<u>300 ft E of Tookany Creek Pky &amp; Old Soldiers Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.41 (mi <sup>2</sup> )
A	Reach length	2335 (ft)
T	Distance to US XS/Headwaters	1985 (ft)
I	Distance to DS XS/Confluence	404 (ft)
S	Drainage Area Imperviousness	52.9 (%)
T	Shed Imperviousness	52.9 (%)
I	Total Tributary Length	2335 (ft)
C	Outfall Area	11.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	3
T	Confluences - # within reach	1
U	Culverts - # within reach	4
R	Culvert Length - ft within reach	539
E	% Culverted within reach	23.1
S	% Channelized within reach	27.9

S	P	Outfalls	4 / 25
T	A	Culverts	15 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	69 / 155
N	Stability Score	34 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	44 / 102
N	Priority In Tributary	3 / 5
G		

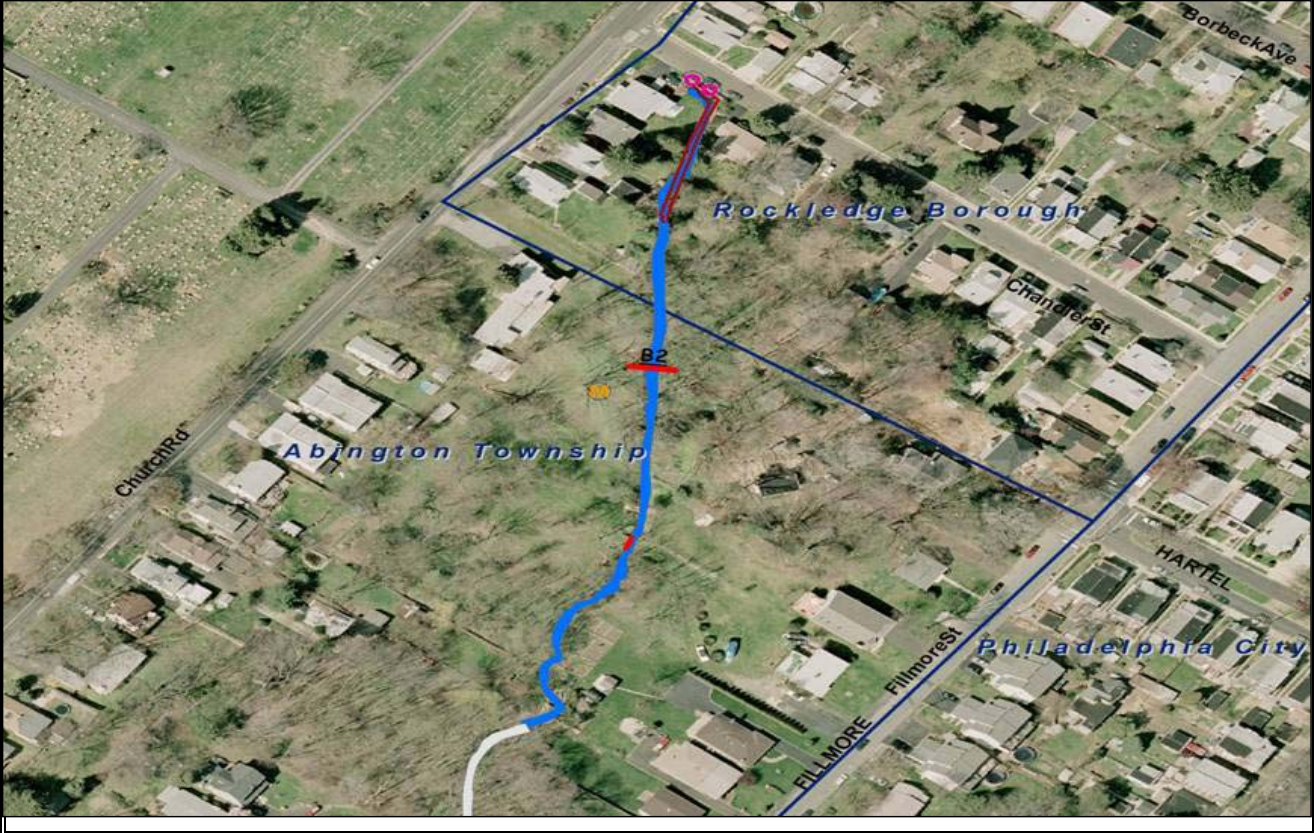
I	<b>B2</b>
N	<u>Burholme Creek</u>
F	<u>350 ft SSE of Church Rd &amp; Chandler St</u>
O	<u>Rockledge Township</u>

S		
T	Upstream Drainage Area	0.25 (mi <sup>2</sup> )
A	Reach length	832 (ft)
T	Distance to US XS/Headwaters	351 (ft)
I	Distance to DS XS/Confluence	961 (ft)
S	Drainage Area Imperviousness	13.1 (%)
T	Shed Imperviousness	17.5 (%)
I	Total Tributary Length	5790 (ft)
C	Outfall Area	22.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	18
E	% Culverted within reach	2.2
S	% Channelized within reach	21.6

S	P	Outfalls	10 / 25
T	A	Culverts	3 / 20
A	R	Channelization	10 / 15
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
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	70 / 155
N	Stability Score	33 / 100
K	Habitat Score	37 / 55
I	Priority In Shed	39 / 102
N	Priority In Tributary	2 / 5
G		

I	<b>B4</b>
N	<u>Burholme Creek</u>
F	<u>400 ft SW of Fillmore St &amp; Napfle St</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.05 (mi <sup>2</sup> )
A	Reach length	1249 (ft)
T	Distance to US XS/Headwaters	961 (ft)
I	Distance to DS XS/Confluence	1662 (ft)
S	Drainage Area Imperviousness	26.7 (%)
T	Shed Imperviousness	17.5 (%)
I	Total Tributary Length	5790 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	228
E	% Culverted within reach	18.3
S	% Channelized within reach	3.2

S	P	Outfalls	0 / 25
T	A	Culverts	12 / 20
A	R	Channelization	2 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	55 / 155
N	Stability Score	37 / 100
K	Habitat Score	18 / 55
I	Priority In Shed	77 / 102
N	Priority In Tributary	5 / 5
G		

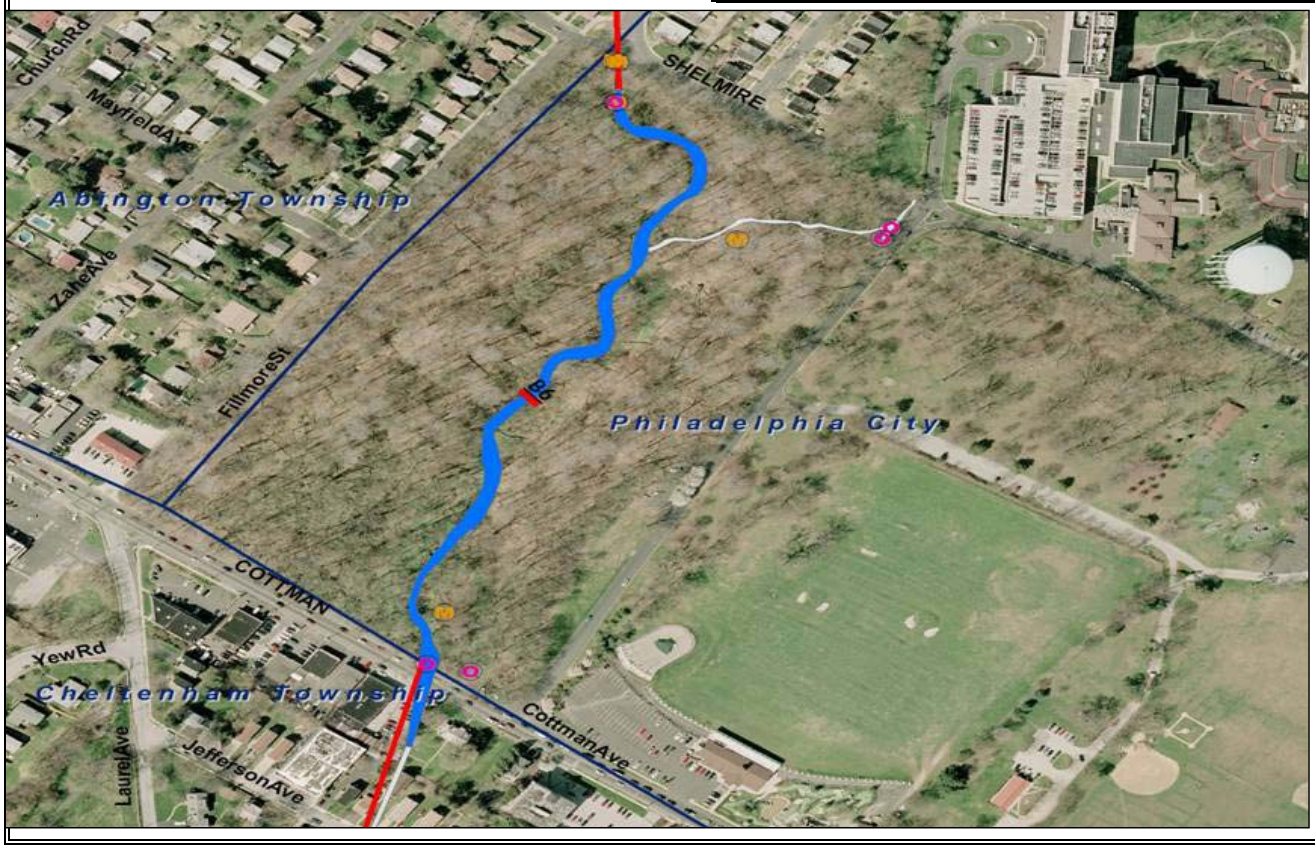
I	<b>B6</b>
N	<u>Burholme Creek</u>
F	<u>650 ft NE of Cottman Ave &amp; Fillmore St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.21 (mi <sup>2</sup> )
A	Reach length	1738 (ft)
T	Distance to US XS/Headwaters	1662 (ft)
I	Distance to DS XS/Confluence	1634 (ft)
S	Drainage Area Imperviousness	22.1 (%)
T	Shed Imperviousness	17.5 (%)
I	Total Tributary Length	5790 (ft)
C	Outfall Area	9.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	194
E	% Culverted within reach	11.2
S	% Channelized within reach	0.0

S	P	Outfalls	2 / 25
T	A	Culverts	9 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	79 / 155
N	Stability Score	38 / 100
K	Habitat Score	41 / 55
I	Priority In Shed	22 / 102
N	Priority In Tributary	1 / 5
G		

I	<b>B8</b>
N	<a href="#">Burholme Creek</a>
F	<a href="#">200 ft NE of Laurel Ave &amp; Franklin Ave</a>
O	<a href="#">Cheltenham Township</a>

S		
T	Upstream Drainage Area	0.13 (mi <sup>2</sup> )
A	Reach length	1136 (ft)
T	Distance to US XS/Headwaters	1634 (ft)
I	Distance to DS XS/Confluence	697 (ft)
S	Drainage Area Imperviousness	14.0 (%)
T	Shed Imperviousness	17.5 (%)
I	Total Tributary Length	5790 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	429
E	% Culverted within reach	37.8
S	% Channelized within reach	6.6

S	P	Outfalls	0 / 25
T	A	Culverts	15 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	61 / 155
N	Stability Score	36 / 100
K	Habitat Score	25 / 55
I	Priority In Shed	64 / 102
N	Priority In Tributary	4 / 5
G		

I	<b>B10</b>
N	<u>Burholme Creek</u>
F	<u>150 ft W of Laurel Ave &amp; Myrtle Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.02 (mi <sup>2</sup> )
A	Reach length	835 (ft)
T	Distance to US XS/Headwaters	697 (ft)
I	Distance to DS XS/Confluence	476 (ft)
S	Drainage Area Imperviousness	23.4 (%)
T	Shed Imperviousness	17.5 (%)
I	Total Tributary Length	5790 (ft)
C	Outfall Area	1.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	1
R	Bridges - # within reach	1
U	Outfalls - # within reach	1
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	82
E	% Culverted within reach	9.8
S	% Channelized within reach	0.0

S	P	Outfalls	1 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	70 / 155
N	Stability Score	32 / 100
K	Habitat Score	38 / 55
I	Priority In Shed	39 / 102
N	Priority In Tributary	1 / 1
G		

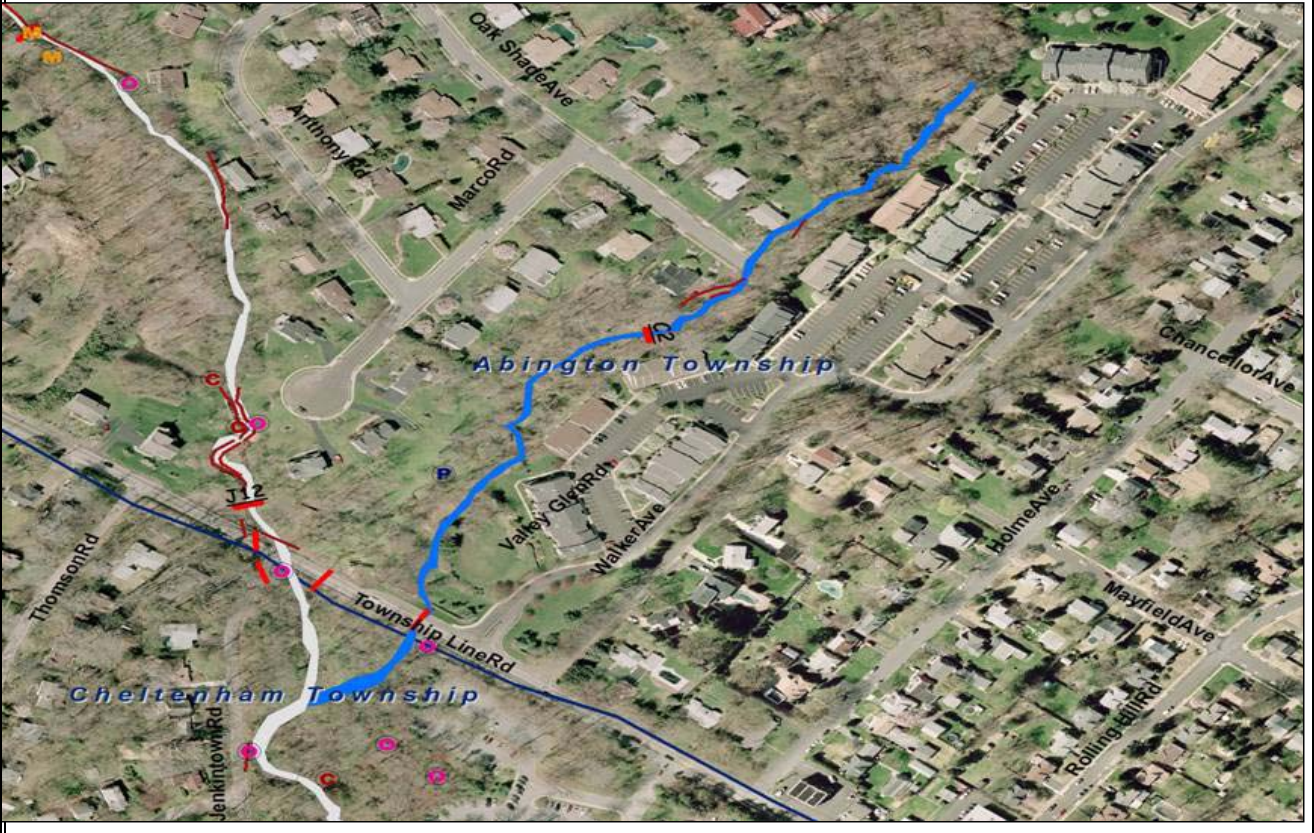
I	<b>C2</b>
N	<u>Unknown Tributary C to Jenkintown Creek</u>
F	<u>250 ft NW of Walker Ave &amp; Mayfield Ave</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.17 (mi <sup>2</sup> )
A	Reach length	1848 (ft)
T	Distance to US XS/Headwaters	786 (ft)
I	Distance to DS XS/Confluence	1068 (ft)
S	Drainage Area Imperviousness	22.5 (%)
T	Shed Imperviousness	22.5 (%)
I	Total Tributary Length	1848 (ft)
C	Outfall Area	9.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	50
E	% Culverted within reach	2.7
S	% Channelized within reach	5.4

S	P	Outfalls	2 / 25
T	A	Culverts	3 / 20
A	R	Channelization	4 / 15
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	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	60 / 155
N	Stability Score	32 / 100
K	Habitat Score	28 / 55
I	Priority In Shed	67 / 102
N	Priority In Tributary	1 / 2
G		

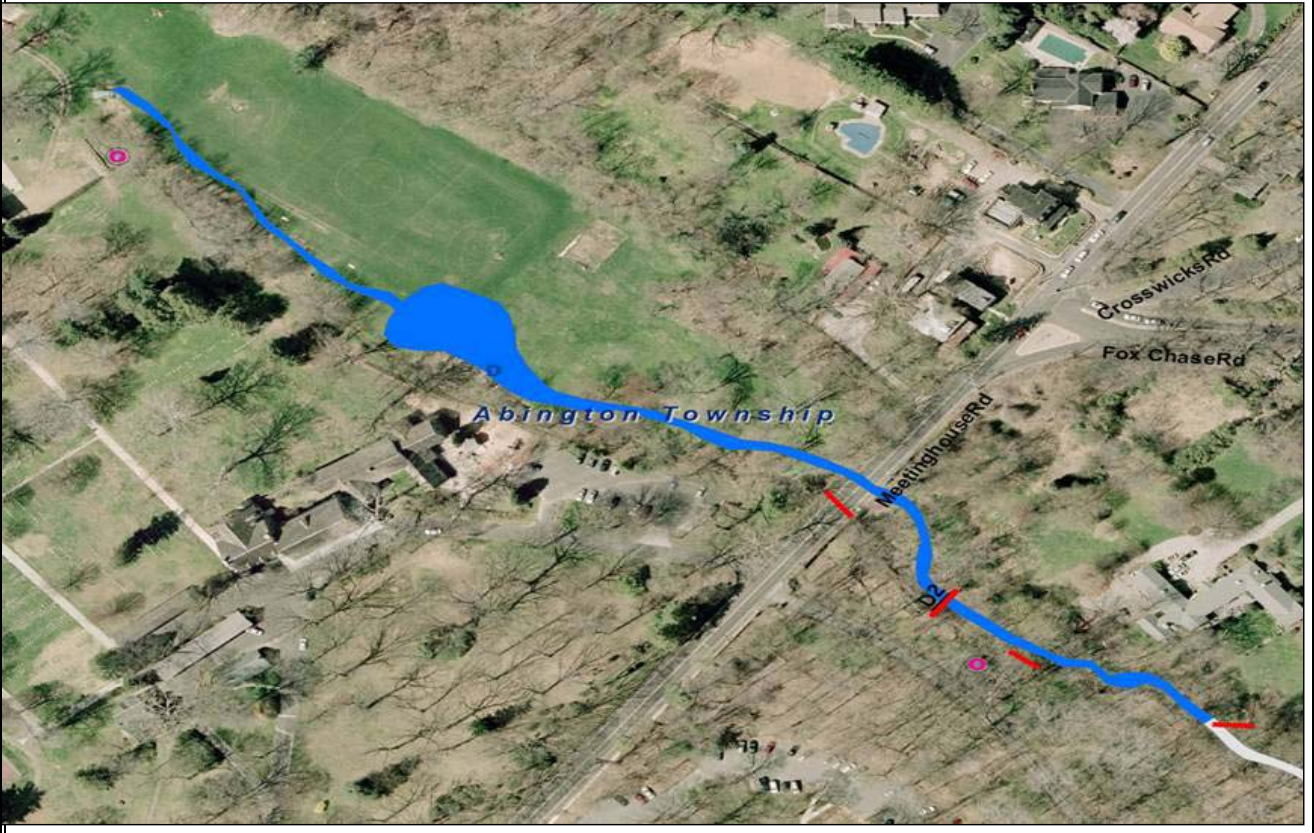
I	<b>D2</b>
N	<u>Unknown Tributary D to Jenkintown Creek</u>
F	<u>300 ft SSW of Meetinghouse Rd &amp; Foxchase Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.12 (mi <sup>2</sup> )
A	Reach length	1341 (ft)
T	Distance to US XS/Headwaters	1081 (ft)
I	Distance to DS XS/Confluence	594 (ft)
S	Drainage Area Imperviousness	14.6 (%)
T	Shed Imperviousness	13.7 (%)
I	Total Tributary Length	1727 (ft)
C	Outfall Area	7.9 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	75
E	% Culverted within reach	5.6
S	% Channelized within reach	0.0

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	51 / 155
N	Stability Score	35 / 100
K	Habitat Score	16 / 55
I	Priority In Shed	86 / 102
N	Priority In Tributary	2 / 2
G		

I	<b>D4</b>
N	<u>Unknown Tributary D to Jenkintown Creek</u>
F	<u>725 ft SW of Meetinghouse Rd &amp; Foxchase Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.01 (mi <sup>2</sup> )
A	Reach length	386 (ft)
T	Distance to US XS/Headwaters	594 (ft)
I	Distance to DS XS/Confluence	76 (ft)
S	Drainage Area Imperviousness	3.7 (%)
T	Shed Imperviousness	13.7 (%)
I	Total Tributary Length	1727 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	38
E	% Culverted within reach	9.9
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	0 / 5
T	E	Canopy Cover - DSL	0 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	53 / 155
N	Stability Score	31 / 100
K	Habitat Score	22 / 55
I	Priority In Shed	81 / 102
N	Priority In Tributary	1 / 2
G		

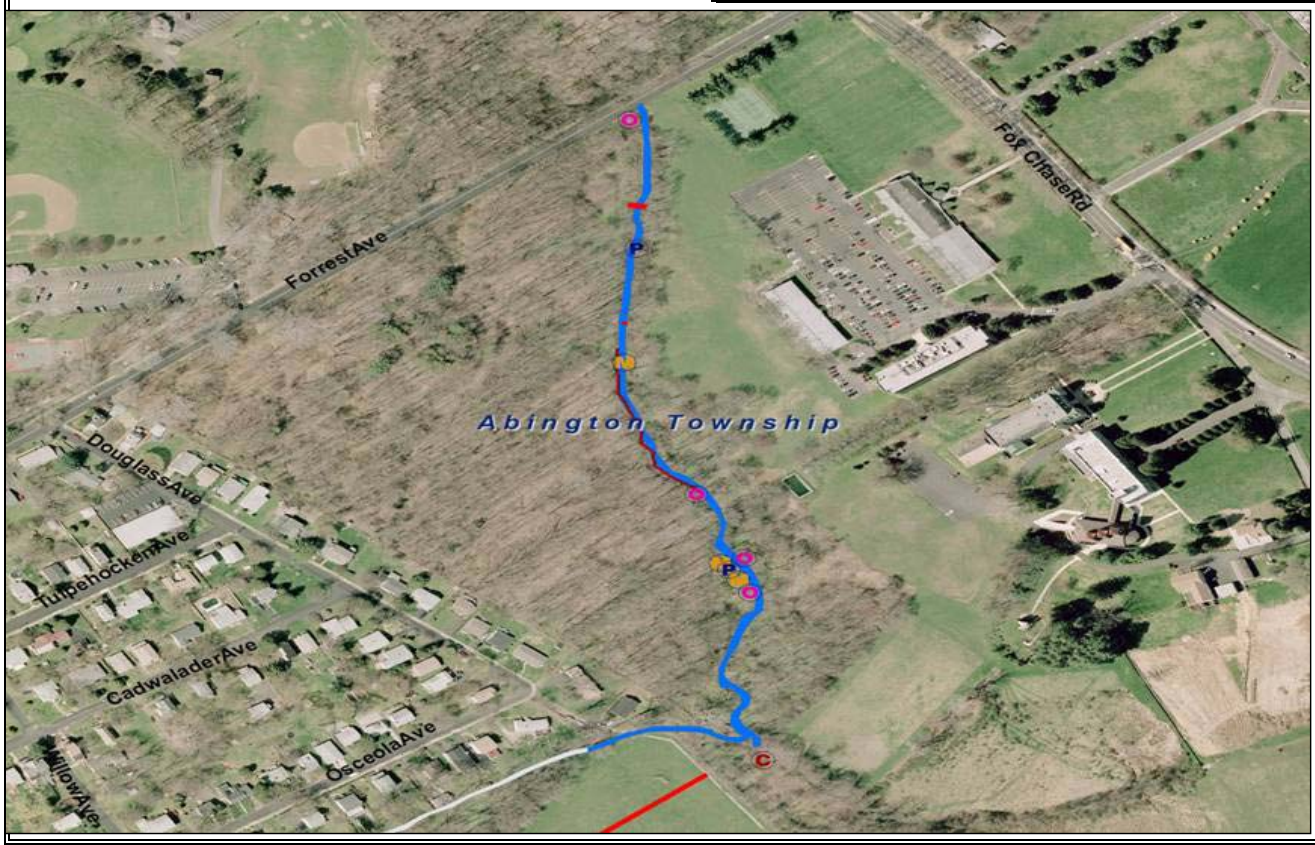
I	<b>EJ2</b>
N	<u>East Branch to Jenkintown Creek</u>
F	<u>600 ft SW of Foxchase Rd &amp; Forrest Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.22 (mi <sup>2</sup> )
A	Reach length	1963 (ft)
T	Distance to US XS/Headwaters	248 (ft)
I	Distance to DS XS/Confluence	3430 (ft)
S	Drainage Area Imperviousness	13.9 (%)
T	Shed Imperviousness	9.5 (%)
I	Total Tributary Length	3956 (ft)
C	Outfall Area	11.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	2
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	3
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	7
E	% Culverted within reach	0.3
S	% Channelized within reach	10.4

S	P	Outfalls	4 / 25
T	A	Culverts	3 / 20
A	R	Channelization	6 / 15
B	A	Infrastructure Pts	2 / 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	5 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	0 / 5
T	E	Canopy Cover - DSL	0 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	51 / 155
N	Stability Score	36 / 100
K	Habitat Score	15 / 55
I	Priority In Shed	86 / 102
N	Priority In Tributary	2 / 2
G		

I	<b>EJ4</b>
N	<a href="#">East Branch to Jenkintown Creek</a>
F	<a href="#">650 ft SSW of Osceola Ave &amp; Willow Ave</a>
O	<a href="#">Cheltenham Township</a>

S		
T	Upstream Drainage Area	0.23 (mi <sup>2</sup> )
A	Reach length	1993 (ft)
T	Distance to US XS/Headwaters	3430 (ft)
I	Distance to DS XS/Confluence	285 (ft)
S	Drainage Area Imperviousness	5.3 (%)
T	Shed Imperviousness	9.5 (%)
I	Total Tributary Length	3956 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	1
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	1,275
E	% Culverted within reach	64.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	20 / 20
A	R	Channelization	0 / 15
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
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	0 / 5
T	E	Canopy Cover - DSL	0 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	68 / 155
N	Stability Score	27 / 100
K	Habitat Score	41 / 55
I	Priority In Shed	47 / 102
N	Priority In Tributary	4 / 5
G		

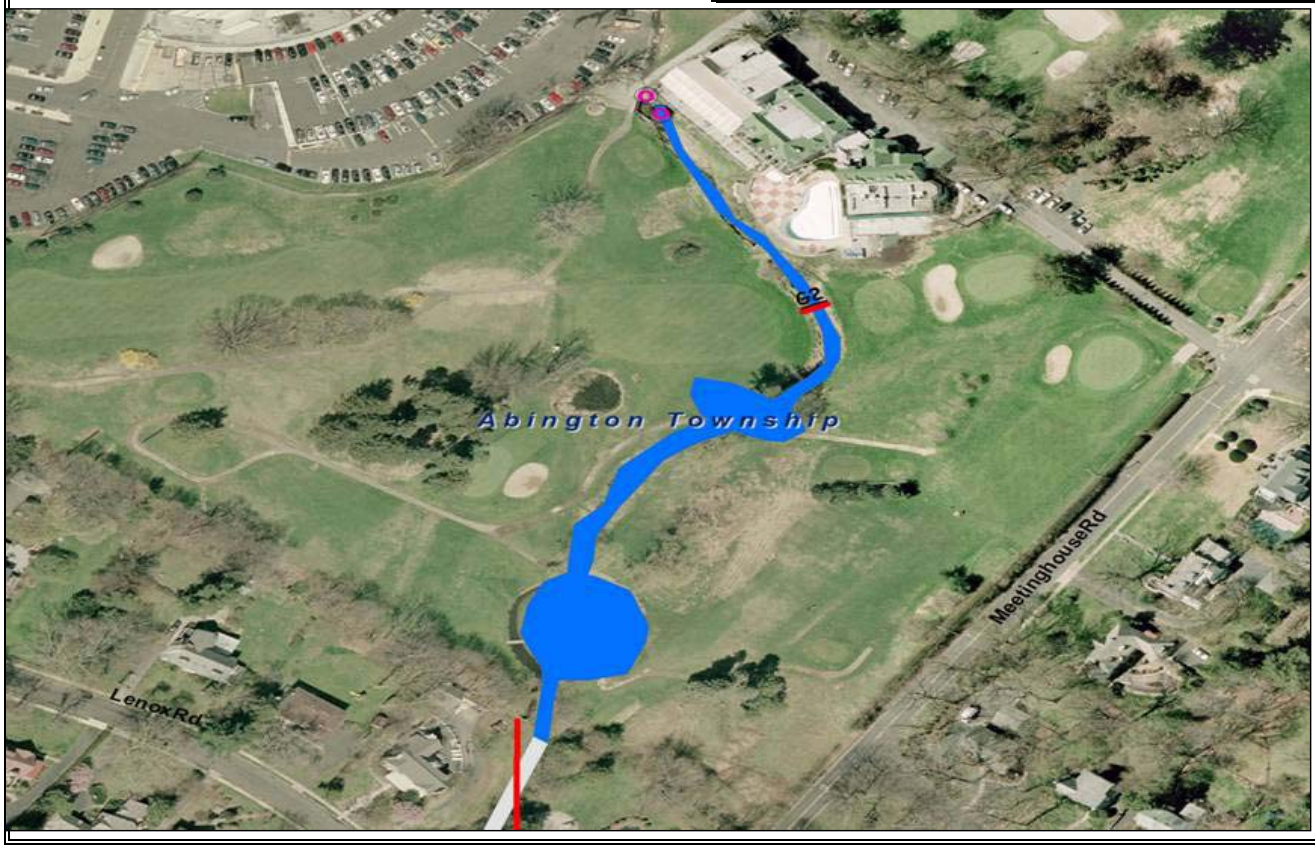
I	<b>G2</b>
N	<u>Unknown Tributary G to Tookany Creek</u>
F	<u>375 ft NW of Meetinghouse Rd &amp; Sunset Ave</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.11 (mi <sup>2</sup> )
A	Reach length	909 (ft)
T	Distance to US XS/Headwaters	284 (ft)
I	Distance to DS XS/Confluence	1162 (ft)
S	Drainage Area Imperviousness	3.6 (%)
T	Shed Imperviousness	22.6 (%)
I	Total Tributary Length	5808 (ft)
C	Outfall Area	12.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	97 / 155
N	Stability Score	60 / 100
K	Habitat Score	37 / 55
I	Priority In Shed	1 / 102
N	Priority In Tributary	1 / 5
G		

I	<b>G4</b>
N	<u>Unknown Tributary G to Tookany Creek</u>
F	<u>125 ft NE of Meetinghouse Rd &amp; Gordon Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.11 (mi <sup>2</sup> )
A	Reach length	1227 (ft)
T	Distance to US XS/Headwaters	1162 (ft)
I	Distance to DS XS/Confluence	1312 (ft)
S	Drainage Area Imperviousness	19.6 (%)
T	Shed Imperviousness	22.6 (%)
I	Total Tributary Length	5808 (ft)
C	Outfall Area	17.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	670
E	% Culverted within reach	54.6
S	% Channelized within reach	28.0

S	P	Outfalls	6 / 25
T	A	Culverts	18 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	56 / 155
N	Stability Score	28 / 100
K	Habitat Score	28 / 55
I	Priority In Shed	74 / 102
N	Priority In Tributary	5 / 5
G		

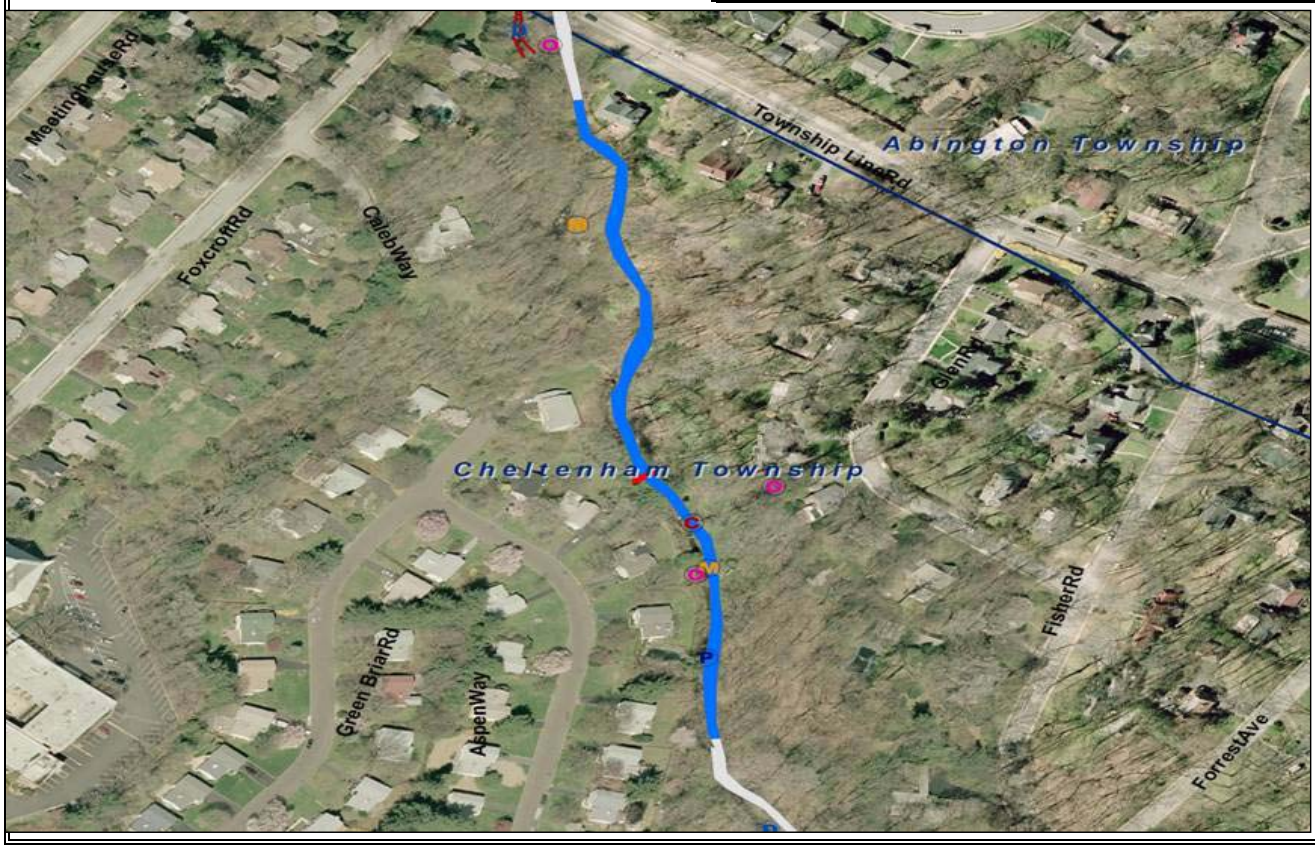
I	<b>G6</b>
N	<u>Unknown Tributary G to Tookany Creek</u>
F	<u>575 ft NW of Fisher Rd &amp; Glen Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.11 (mi <sup>2</sup> )
A	Reach length	1114 (ft)
T	Distance to US XS/Headwaters	1312 (ft)
I	Distance to DS XS/Confluence	916 (ft)
S	Drainage Area Imperviousness	26.8 (%)
T	Shed Imperviousness	22.6 (%)
I	Total Tributary Length	5808 (ft)
C	Outfall Area	14.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	2
T	Confluences - # within reach	1
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	77 / 155
N	Stability Score	44 / 100
K	Habitat Score	33 / 55
I	Priority In Shed	24 / 102
N	Priority In Tributary	3 / 5
G		

I	<b>G8</b>
N	<u>Unknown Tributary G to Tookany Creek</u>
F	<u>225 ft WSW of Forrest Ave &amp; Fisher Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.05 (mi <sup>2</sup> )
A	Reach length	964 (ft)
T	Distance to US XS/Headwaters	916 (ft)
I	Distance to DS XS/Confluence	1012 (ft)
S	Drainage Area Imperviousness	25.9 (%)
T	Shed Imperviousness	22.6 (%)
I	Total Tributary Length	5808 (ft)
C	Outfall Area	10.5 (ft <sup>2</sup> )
S		

S	Dams - # within reach	2
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	50
E	% Culverted within reach	5.2
S	% Channelized within reach	34.9

S	P	Outfalls	4 / 25
T	A	Culverts	6 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	91 / 155
N	Stability Score	53 / 100
K	Habitat Score	38 / 55
I	Priority In Shed	6 / 102
N	Priority In Tributary	2 / 5
G		

I	<b>G10</b>
N	<u>Unknown Tributary G to Tookany Creek</u>
F	<u>475 ft SE of Forrest Ave &amp; Marlon Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.16 (mi <sup>2</sup> )
A	Reach length	1593 (ft)
T	Distance to US XS/Headwaters	1012 (ft)
I	Distance to DS XS/Confluence	1089 (ft)
S	Drainage Area Imperviousness	33.6 (%)
T	Shed Imperviousness	22.6 (%)
I	Total Tributary Length	5808 (ft)
C	Outfall Area	17.5 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	422
E	% Culverted within reach	26.5
S	% Channelized within reach	46.9

S	P	Outfalls	6 / 25
T	A	Culverts	15 / 20
A	R	Channelization	12 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	51 / 155
N	Stability Score	32 / 100
K	Habitat Score	19 / 55
I	Priority In Shed	86 / 102
N	Priority In Tributary	6 / 7
G		

I	<b>H2</b>
N	<u>Rock Creek</u>
F	<u>650 ft NE of Cheltenham Ave &amp; Mt. Pleasant Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.28 (mi <sup>2</sup> )
A	Reach length	824 (ft)
T	Distance to US XS/Headwaters	360 (ft)
I	Distance to DS XS/Confluence	928 (ft)
S	Drainage Area Imperviousness	24.2 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	19.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	6 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	70 / 155
N	Stability Score	38 / 100
K	Habitat Score	32 / 55
I	Priority In Shed	39 / 102
N	Priority In Tributary	4 / 7
G		

I	<b>H4</b>
N	<u>Rock Creek</u>
F	<u>425 ft NNW of Cheltenham Ave &amp; Vernon Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.13 (mi <sup>2</sup> )
A	Reach length	1577 (ft)
T	Distance to US XS/Headwaters	928 (ft)
I	Distance to DS XS/Confluence	2274 (ft)
S	Drainage Area Imperviousness	37.5 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	10.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	257
E	% Culverted within reach	16.3
S	% Channelized within reach	2.6

S	P	Outfalls	4 / 25
T	A	Culverts	12 / 20
A	R	Channelization	2 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	67 / 155
N	Stability Score	43 / 100
K	Habitat Score	24 / 55
I	Priority In Shed	50 / 102
N	Priority In Tributary	5 / 7
G		

I	<b>H6</b>
N	<u>Rock Creek</u>
F	<u>950 ft SE of SR 309 &amp; Limeklin Pk</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.54 (mi <sup>2</sup> )
A	Reach length	2395 (ft)
T	Distance to US XS/Headwaters	2274 (ft)
I	Distance to DS XS/Confluence	2467 (ft)
S	Drainage Area Imperviousness	52.8 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	22.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	2
T	Pipes - # within reach	2
R	Bridges - # within reach	0
U	Outfalls - # within reach	5
C	Manholes - # within reach	4
T	Confluences - # within reach	2
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	345
E	% Culverted within reach	14.4
S	% Channelized within reach	0.0

S	P	Outfalls	10 / 25
T	A	Culverts	9 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	3 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	47 / 155
N	Stability Score	25 / 100
K	Habitat Score	22 / 55
I	Priority In Shed	97 / 102
N	Priority In Tributary	7 / 7
G		

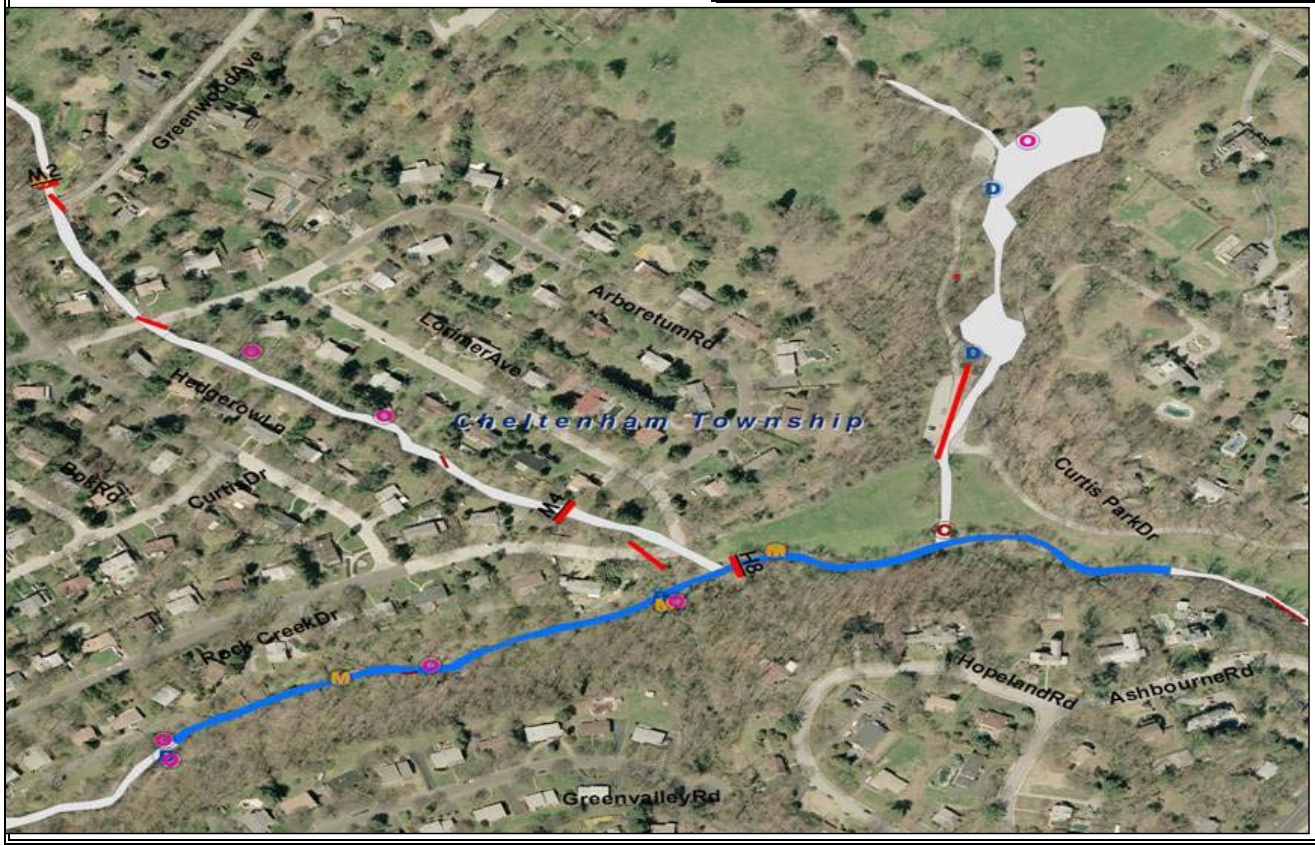
I	<b>H8</b>
N	<u>Rock Creek</u>
F	<u>50 ft SE of Rock Creek Dr &amp; Lorimer Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.05 (mi <sup>2</sup> )
A	Reach length	2171 (ft)
T	Distance to US XS/Headwaters	2467 (ft)
I	Distance to DS XS/Confluence	1838 (ft)
S	Drainage Area Imperviousness	17.1 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	6.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	3
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	3
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.8

S	P	Outfalls	2 / 25
T	A	Culverts	0 / 20
A	R	Channelization	2 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	0 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	86 / 155
N	Stability Score	54 / 100
K	Habitat Score	32 / 55
I	Priority In Shed	12 / 102
N	Priority In Tributary	2 / 7
G		

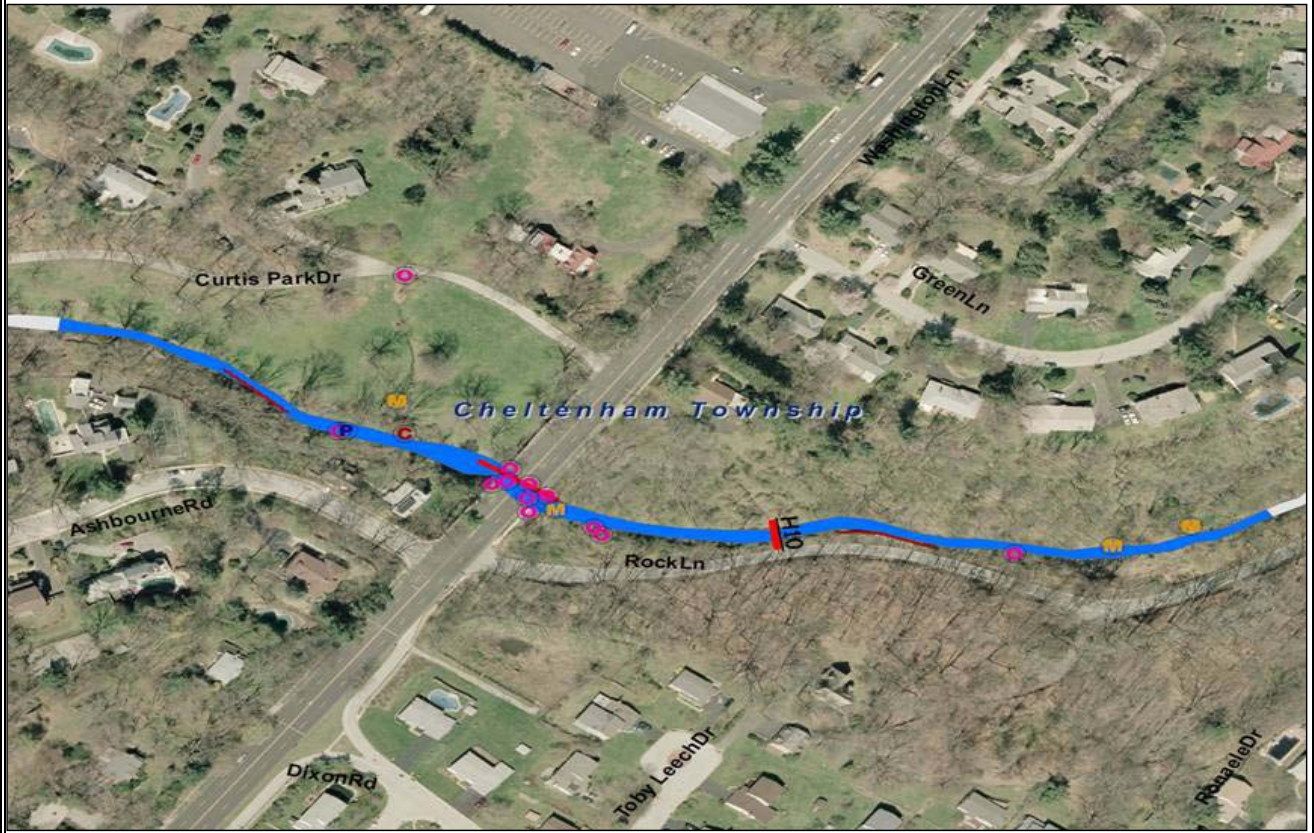
I	<b>H10</b>
N	<u>Rock Creek</u>
F	<u>350 ft ENE of Washington Ln &amp; Rock Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.19 (mi <sup>2</sup> )
A	Reach length	1515 (ft)
T	Distance to US XS/Headwaters	1838 (ft)
I	Distance to DS XS/Confluence	1192 (ft)
S	Drainage Area Imperviousness	14.1 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	41.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	12
C	Manholes - # within reach	4
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	113
E	% Culverted within reach	7.5
S	% Channelized within reach	7.3

S	P	Outfalls	14 / 25
T	A	Culverts	6 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	76 / 155
N	Stability Score	39 / 100
K	Habitat Score	37 / 55
I	Priority In Shed	26 / 102
N	Priority In Tributary	3 / 7
G		

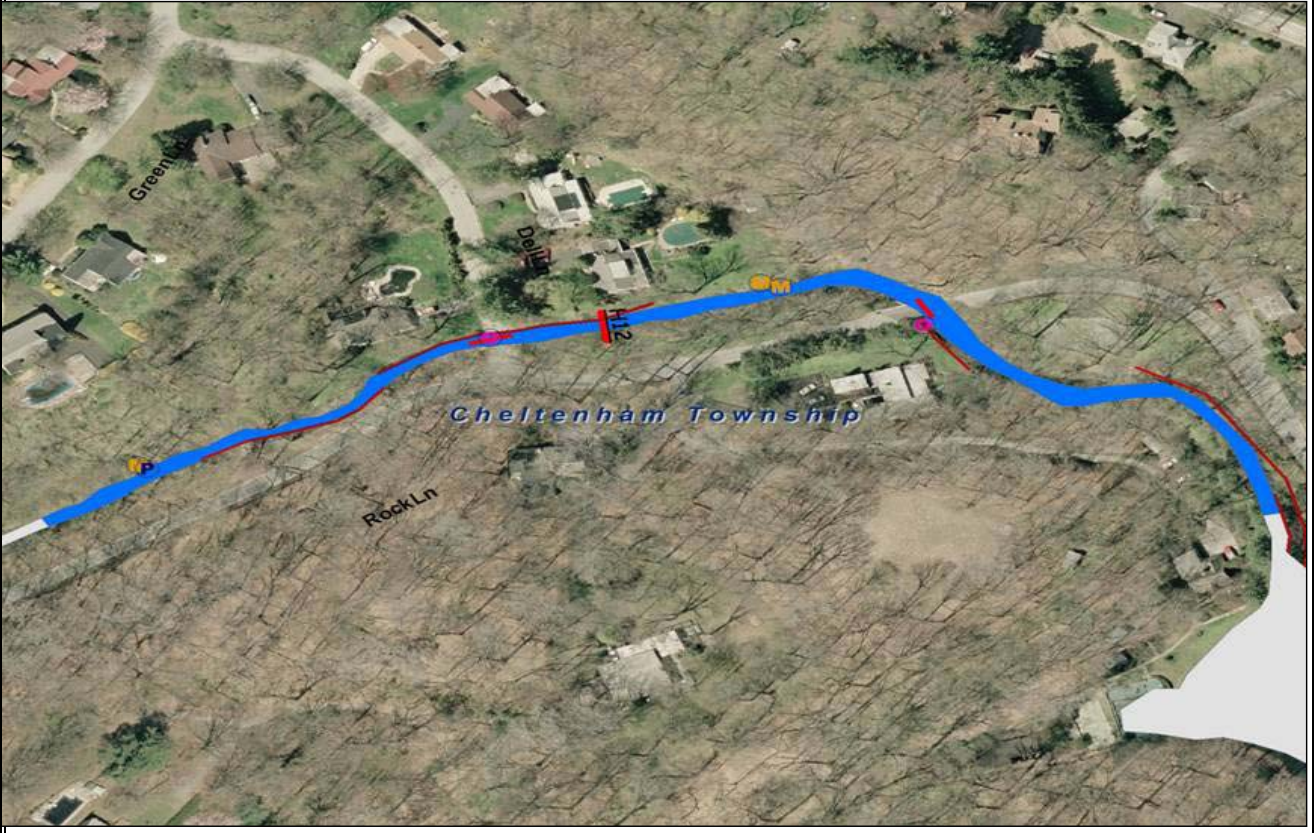
I	<b>H12</b>
N	<u>Rock Creek</u>
F	<u>50 ft NE of Serpentine Ln &amp; Dell Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.08 (mi <sup>2</sup> )
A	Reach length	1382 (ft)
T	Distance to US XS/Headwaters	1192 (ft)
I	Distance to DS XS/Confluence	1572 (ft)
S	Drainage Area Imperviousness	18.2 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	10.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	3
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	70
E	% Culverted within reach	5.1
S	% Channelized within reach	29.8

S	P	Outfalls	4 / 25
T	A	Culverts	6 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	95 / 155
N	Stability Score	53 / 100
K	Habitat Score	42 / 55
I	Priority In Shed	2 / 102
N	Priority In Tributary	1 / 7
G		

I	<b>H14</b>
N	<u>Rock Creek</u>
F	<u>250 ft NE of Serpentine Ln &amp; Ivy Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.14 (mi <sup>2</sup> )
A	Reach length	1963 (ft)
T	Distance to US XS/Headwaters	1572 (ft)
I	Distance to DS XS/Confluence	1180 (ft)
S	Drainage Area Imperviousness	17.1 (%)
T	Shed Imperviousness	33.8 (%)
I	Total Tributary Length	11827 (ft)
C	Outfall Area	22.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	5
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	860
E	% Culverted within reach	43.8
S	% Channelized within reach	13.6

S	P	Outfalls	10 / 25
T	A	Culverts	18 / 20
A	R	Channelization	6 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	0 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	5 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	<b>Total Score</b>	93 / 155
N	<b>Stability Score</b>	59 / 100
K	<b>Habitat Score</b>	34 / 55
I	<b>Priority In Shed</b>	4 / 102
N	<b>Priority In Tributary</b>	1 / 6
G		

I	<b>I2</b>
N	<u>Baeder Creek</u>
F	<u>275 ft W of Highland Ave &amp; Tyler Rd</u>
O	<u>Abington Township</u>

S		
T	<b>Upstream Drainage Area</b>	0.20 (mi <sup>2</sup> )
A	<b>Reach length</b>	1492 (ft)
T	<b>Distance to US XS/Headwaters</b>	682 (ft)
I	<b>Distance to DS XS/Confluence</b>	1621 (ft)
S	<b>Drainage Area Imperviousness</b>	24.1 (%)
T	<b>Shed Imperviousness</b>	25.8 (%)
I	<b>Total Tributary Length</b>	8506 (ft)
C	<b>Outfall Area</b>	57.2 (ft <sup>2</sup> )
S		

S	<b>Dams - # within reach</b>	6
T	<b>Pipes - # within reach</b>	0
R	<b>Bridges - # within reach</b>	0
U	<b>Outfalls - # within reach</b>	5
C	<b>Manholes - # within reach</b>	0
T	<b>Confluences - # within reach</b>	1
U	<b>Culverts - # within reach</b>	2
R	<b>Culvert Length - ft within reach</b>	96
E	<b>% Culverted within reach</b>	6.5
S	<b>% Channelized within reach</b>	70.8

S	<b>P</b>	<b>Outfalls</b>	16 / 25
T	<b>A</b>	<b>Culverts</b>	6 / 20
A	<b>R</b>	<b>Channelization</b>	15 / 15
B	<b>A</b>	<b>Infrastructure Pts</b>	2 / 5
I	<b>M</b>	<b>Shear Stress</b>	3 / 10
L	<b>E</b>	<b>Channel Type</b>	5 / 5
I	<b>T</b>	<b>Reach Bed Stability</b>	3 / 5
T	<b>E</b>	<b>Bed Materials</b>	3 / 5
Y	<b>R</b>	<b>Bank Erosion</b>	1 / 5
S		<b>Entrenchment Ratio</b>	5 / 5

P	<b>Riparian Width - DSR</b>	5 / 5	
H	<b>A</b>	<b>Riparian Width - DSL</b>	5 / 5
A	<b>R</b>	<b>Riparian Composition - DSR</b>	4 / 5
B	<b>A</b>	<b>Riparian Composition - DSL</b>	4 / 5
I	<b>M</b>	<b>Canopy Cover - DSR</b>	1 / 5
T	<b>E</b>	<b>Canopy Cover - DSL</b>	1 / 5
A	<b>T</b>	<b>Bed Materials</b>	2 / 5
T	<b>E</b>	<b>Sediment Supply</b>	1 / 5
R		<b>Sinuosity</b>	5 / 5
S		<b>Woody Debris</b>	3 / 5
		<b>Attachment Sites</b>	3 / 5



R		
A	Total Score	66 / 155
N	Stability Score	29 / 100
K	Habitat Score	37 / 55
I	Priority In Shed	53 / 102
N	Priority In Tributary	4 / 6
G		

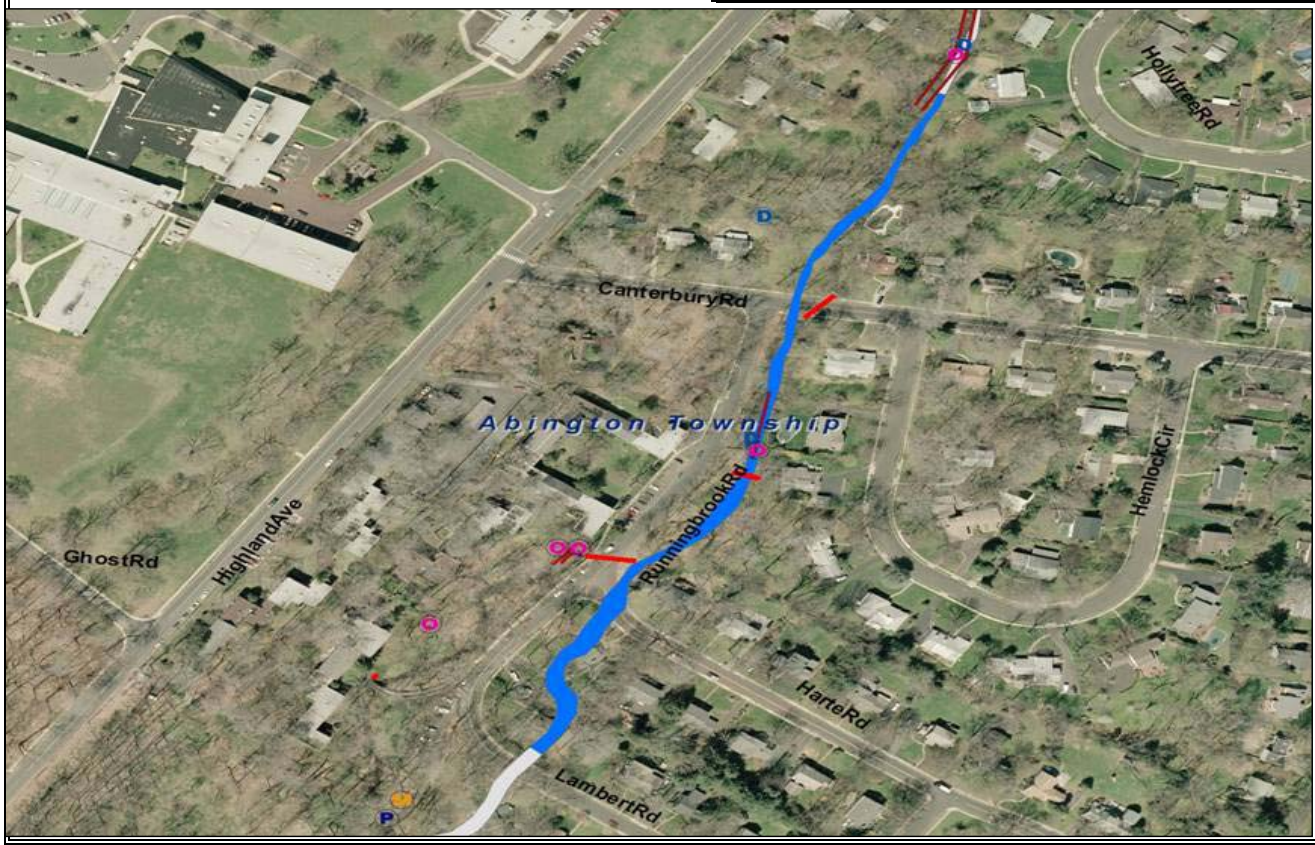
I	<b>I4</b>
N	<u>Baeder Creek</u>
F	<u>325 ft SSW of Canterbury Rd &amp; Runningbrook Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.35 (mi <sup>2</sup> )
A	Reach length	1468 (ft)
T	Distance to US XS/Headwaters	1621 (ft)
I	Distance to DS XS/Confluence	1306 (ft)
S	Drainage Area Imperviousness	21.8 (%)
T	Shed Imperviousness	25.8 (%)
I	Total Tributary Length	8506 (ft)
C	Outfall Area	7.9 (ft <sup>2</sup> )
S		

S	Dams - # within reach	2
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	146
E	% Culverted within reach	9.9
S	% Channelized within reach	9.5

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	51 / 155
N	Stability Score	34 / 100
K	Habitat Score	17 / 55
I	Priority In Shed	86 / 102
N	Priority In Tributary	6 / 6
G		

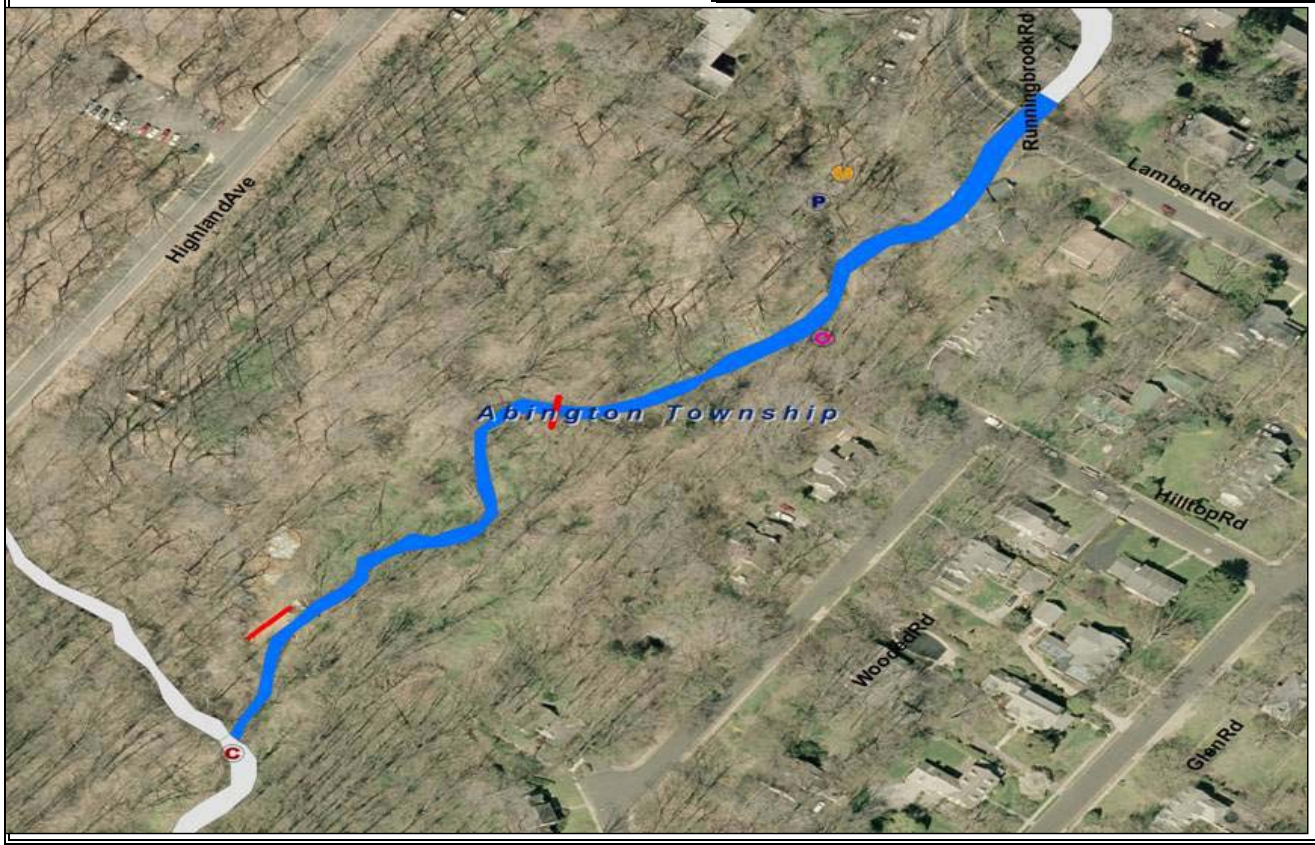
I	<b>I6</b>
N	<u>Baeder Creek</u>
F	<u>525 ft WNW of Hilltop Rd &amp; Wooded Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.07 (mi <sup>2</sup> )
A	Reach length	1247 (ft)
T	Distance to US XS/Headwaters	1306 (ft)
I	Distance to DS XS/Confluence	1182 (ft)
S	Drainage Area Imperviousness	24.7 (%)
T	Shed Imperviousness	25.8 (%)
I	Total Tributary Length	8506 (ft)
C	Outfall Area	1.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	59
E	% Culverted within reach	4.7
S	% Channelized within reach	0.0

S	P	Outfalls	1 / 25
T	A	Culverts	3 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	0 / 5
B	A	Riparian Composition - DSL	0 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	65 / 155
N	Stability Score	41 / 100
K	Habitat Score	24 / 55
I	Priority In Shed	57 / 102
N	Priority In Tributary	5 / 6
G		

I	<b>I8</b>
N	<u>Baeder Creek</u>
F	<u>450 ft WNW of Winding Rd &amp; Glen Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.10 (mi <sup>2</sup> )
A	Reach length	1045 (ft)
T	Distance to US XS/Headwaters	1182 (ft)
I	Distance to DS XS/Confluence	950 (ft)
S	Drainage Area Imperviousness	30.3 (%)
T	Shed Imperviousness	25.8 (%)
I	Total Tributary Length	8506 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	297
E	% Culverted within reach	28.4
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	15 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	0 / 5
B	A	Riparian Composition - DSL	0 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5





R		
A	Total Score	88 / 155
N	Stability Score	44 / 100
K	Habitat Score	44 / 55
I	Priority In Shed	10 / 102
N	Priority In Tributary	3 / 6
G		

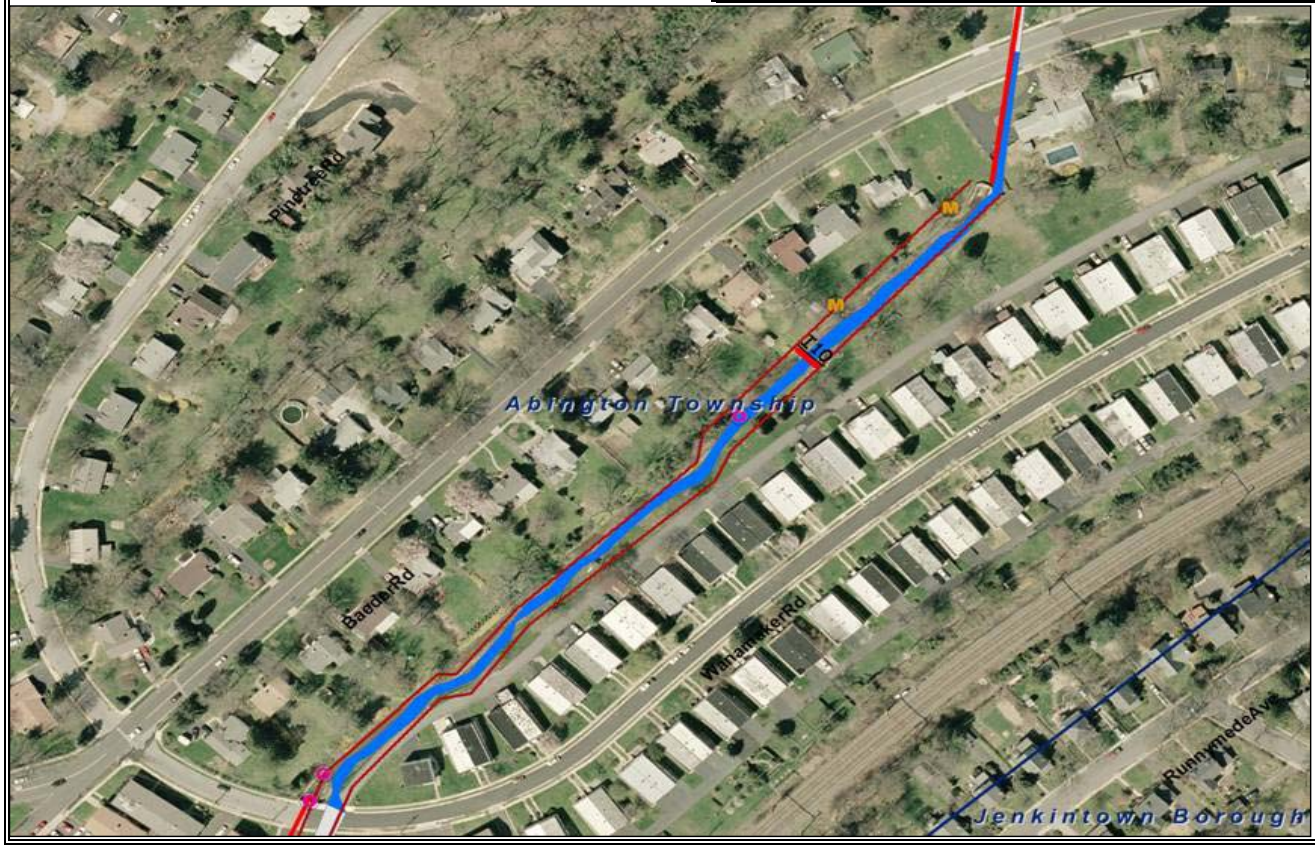
I	<b>I10</b>
N	<u>Baeder Creek</u>
F	<u>900 ft NE of Baeder Rd &amp; Wanamaker Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.04 (mi <sup>2</sup> )
A	Reach length	1304 (ft)
T	Distance to US XS/Headwaters	950 (ft)
I	Distance to DS XS/Confluence	1483 (ft)
S	Drainage Area Imperviousness	31.2 (%)
T	Shed Imperviousness	25.8 (%)
I	Total Tributary Length	8506 (ft)
C	Outfall Area	13.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	176
E	% Culverted within reach	13.5
S	% Channelized within reach	85.9

S	P	Outfalls	4 / 25
T	A	Culverts	9 / 20
A	R	Channelization	15 / 15
B	A	Infrastructure Pts	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	3 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	90 / 155
N	Stability Score	58 / 100
K	Habitat Score	32 / 55
I	Priority In Shed	7 / 102
N	Priority In Tributary	2 / 6
G		

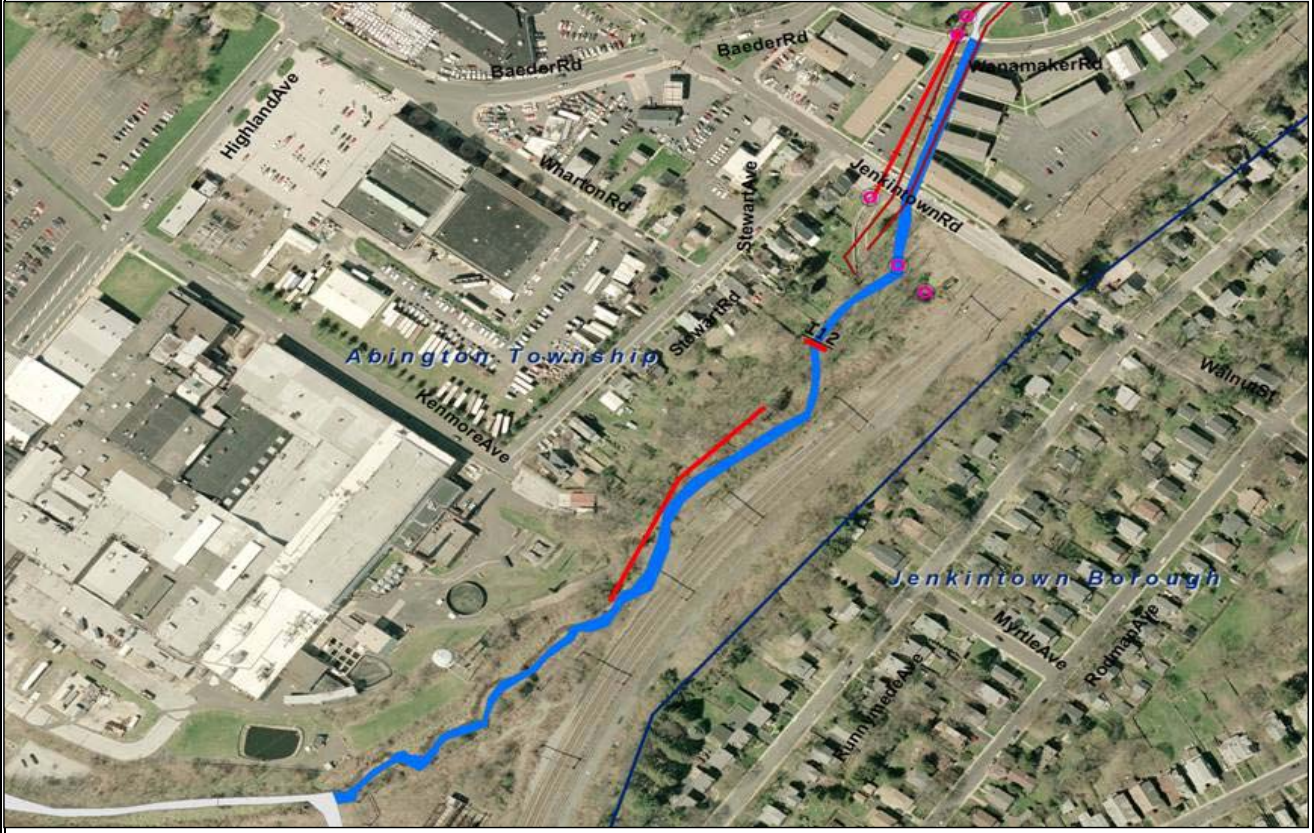
I	<b>I12</b>
N	<u>Baeder Creek</u>
F	<u>150 ft SE of Wharton Rd &amp; Stewart Ave</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.31 (mi <sup>2</sup> )
A	Reach length	1950 (ft)
T	Distance to US XS/Headwaters	1483 (ft)
I	Distance to DS XS/Confluence	1326 (ft)
S	Drainage Area Imperviousness	29.6 (%)
T	Shed Imperviousness	25.8 (%)
I	Total Tributary Length	8506 (ft)
C	Outfall Area	20.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	806
E	% Culverted within reach	41.3
S	% Channelized within reach	24.5

S	P	Outfalls	10 / 25
T	A	Culverts	18 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	60 / 155
N	Stability Score	36 / 100
K	Habitat Score	24 / 55
I	Priority In Shed	67 / 102
N	Priority In Tributary	7 / 10
G		

I	<b>J2</b>
N	<u>Jenkintown Creek</u>
F	<u>775 ft SW of Meetinghouse Rd &amp; Foxchase Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.13 (mi <sup>2</sup> )
A	Reach length	2526 (ft)
T	Distance to US XS/Headwaters	1551 (ft)
I	Distance to DS XS/Confluence	2026 (ft)
S	Drainage Area Imperviousness	20.8 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	17.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	5
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	7
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	82
E	% Culverted within reach	3.2
S	% Channelized within reach	16.0

S	P	Outfalls	6 / 25
T	A	Culverts	3 / 20
A	R	Channelization	8 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	3 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	66 / 155
N	Stability Score	31 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	53 / 102
N	Priority In Tributary	5 / 10
G		

I	<b>J4</b>
N	<u>Jenkintown Creek</u>
F	<u>225 ft NE of Indian Creek Rd &amp; Beaver Hollow Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.14 (mi <sup>2</sup> )
A	Reach length	1686 (ft)
T	Distance to US XS/Headwaters	2026 (ft)
I	Distance to DS XS/Confluence	1319 (ft)
S	Drainage Area Imperviousness	7.2 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	29.5

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	89 / 155
N	Stability Score	54 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	8 / 102
N	Priority In Tributary	1 / 10
G		

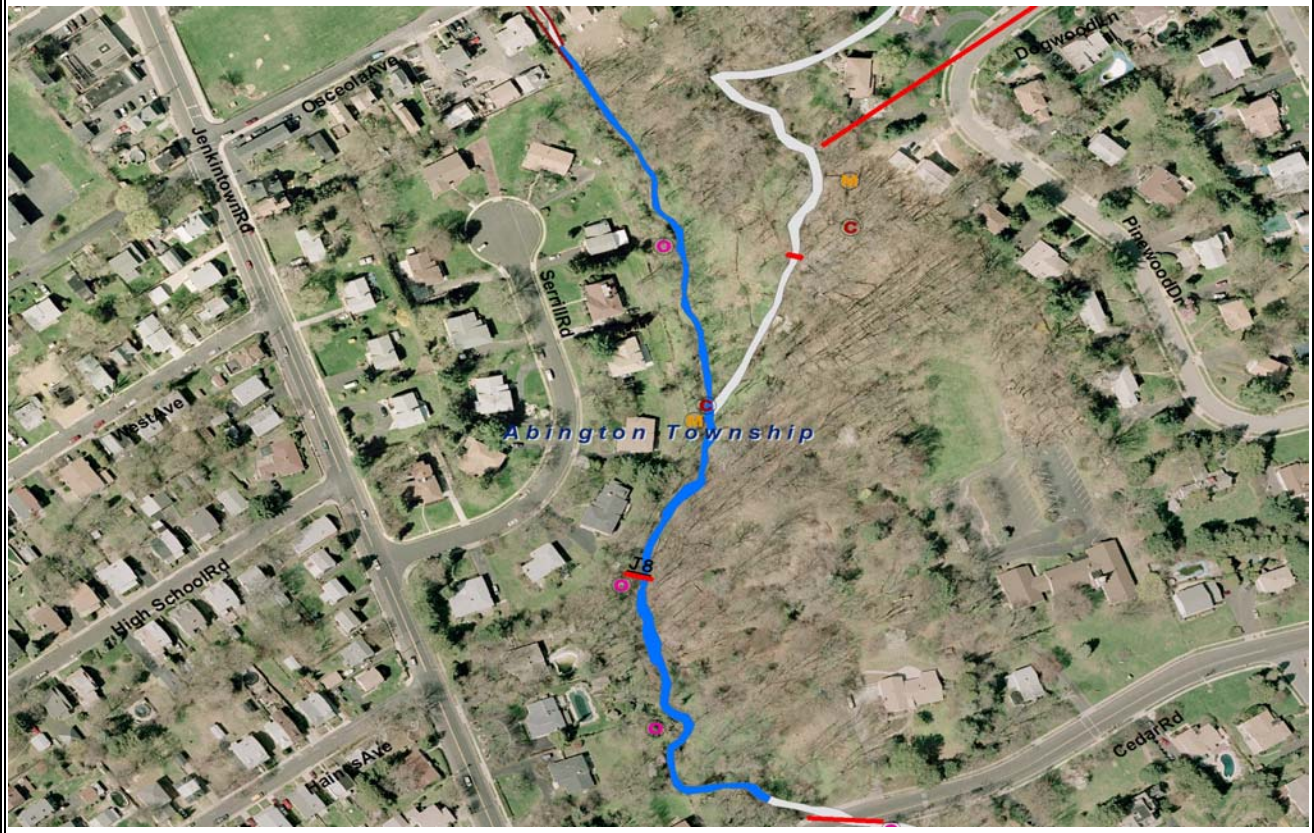
I	<b>J6</b>
N	<u>Jenkintown Creek</u>
F	<u>250 ft W of Tulpehocken Ave &amp; Willow Ave</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.10 (mi <sup>2</sup> )
A	Reach length	1581 (ft)
T	Distance to US XS/Headwaters	1319 (ft)
I	Distance to DS XS/Confluence	3485 (ft)
S	Drainage Area Imperviousness	20.8 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	28.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	14
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	4
R	Culvert Length - ft within reach	347
E	% Culverted within reach	21.9
S	% Channelized within reach	68.2

S	P	Outfalls	10 / 25
T	A	Culverts	15 / 20
A	R	Channelization	15 / 15
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
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	50 / 155
N	Stability Score	24 / 100
K	Habitat Score	26 / 55
I	Priority In Shed	90 / 102
N	Priority In Tributary	8 / 10
G		

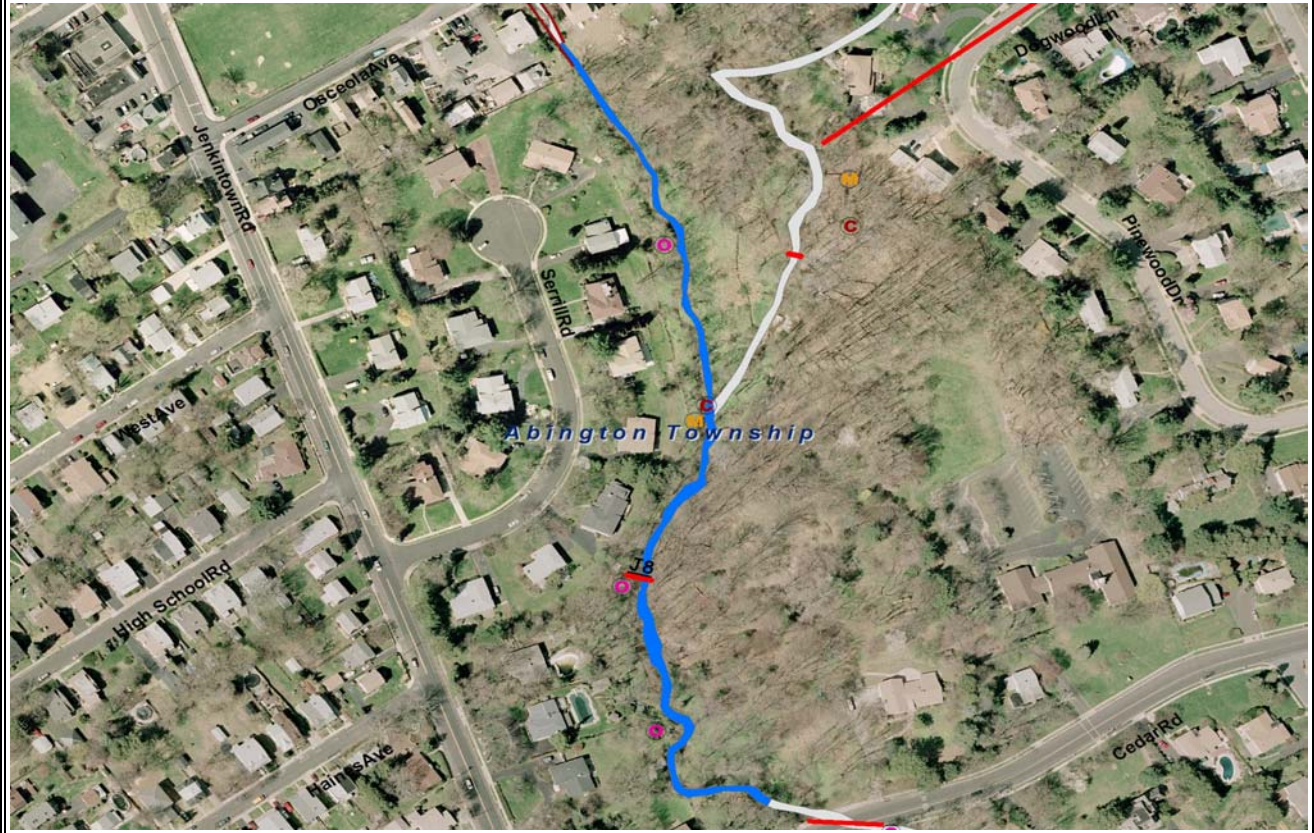
I	<b>J8</b>
N	<u>Jenkintown Creek</u>
F	<u>550 ft N of Cedar Rd &amp; Martin Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.09 (mi <sup>2</sup> )
A	Reach length	1463 (ft)
T	Distance to US XS/Headwaters	3485 (ft)
I	Distance to DS XS/Confluence	1034 (ft)
S	Drainage Area Imperviousness	26.0 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	17.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	1
T	Confluences - # within reach	1
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	6 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 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	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	78 / 155
N	Stability Score	47 / 100
K	Habitat Score	31 / 55
I	Priority In Shed	23 / 102
N	Priority In Tributary	2 / 10
G		

I	<b>J10</b>
N	<u>Jenkintown Creek</u>
F	<u>550 ft ESE of Cedar Rd &amp; Martin Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.11 (mi <sup>2</sup> )
A	Reach length	904 (ft)
T	Distance to US XS/Headwaters	1034 (ft)
I	Distance to DS XS/Confluence	1194 (ft)
S	Drainage Area Imperviousness	27.4 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	13.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	108
E	% Culverted within reach	11.9
S	% Channelized within reach	32.8

S	P	Outfalls	4 / 25
T	A	Culverts	9 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	1 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	1 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	72 / 155
N	Stability Score	43 / 100
K	Habitat Score	29 / 55
I	Priority In Shed	34 / 102
N	Priority In Tributary	3 / 10
G		

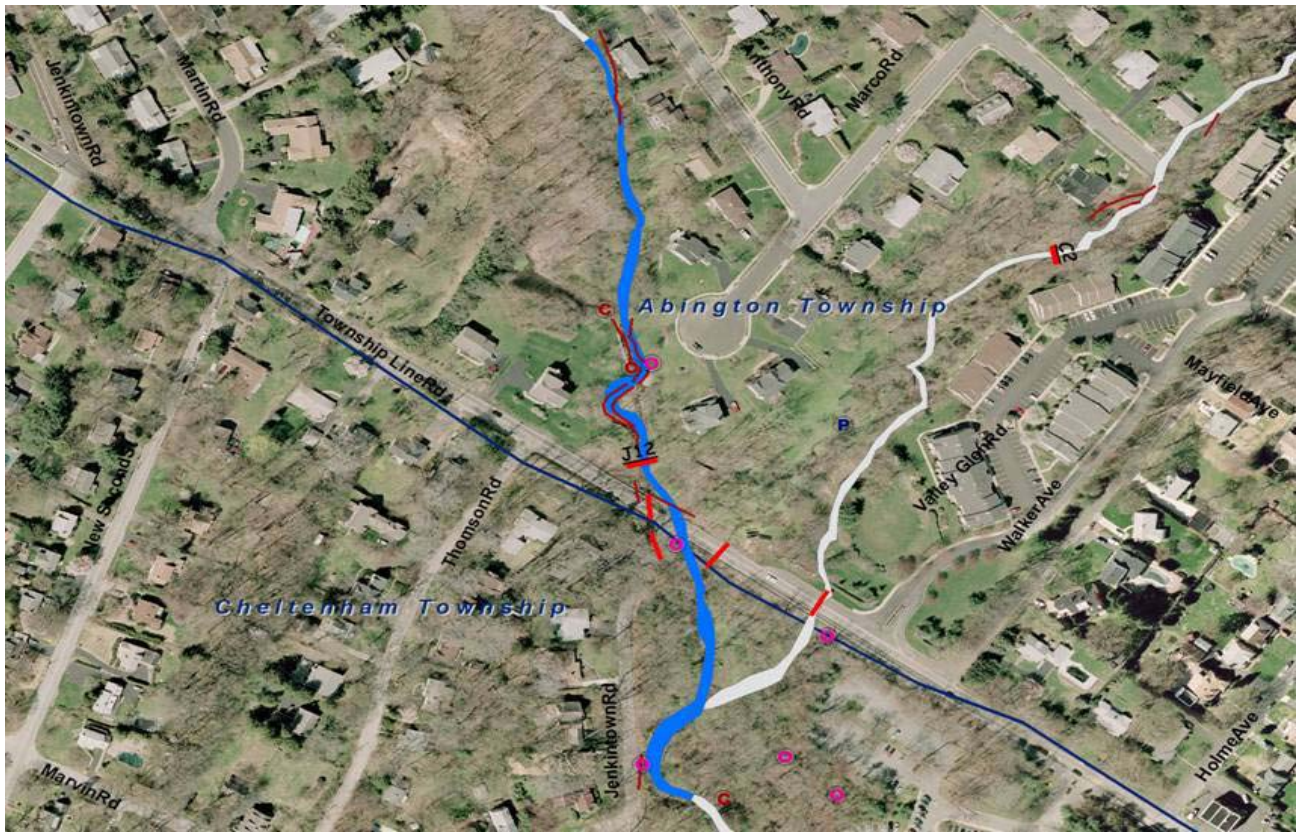
I	<b>J12</b>
N	<u>Jenkintown Creek</u>
F	<u>100 ft N of Township Line Rd &amp; Jenkintown Rd</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.07 (mi <sup>2</sup> )
A	Reach length	1478 (ft)
T	Distance to US XS/Headwaters	1194 (ft)
I	Distance to DS XS/Confluence	1305 (ft)
S	Drainage Area Imperviousness	25.0 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	8.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	0
T	Confluences - # within reach	2
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	145
E	% Culverted within reach	9.8
S	% Channelized within reach	28.8

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	39 / 155
N	Stability Score	21 / 100
K	Habitat Score	18 / 55
I	Priority In Shed	101 / 102
N	Priority In Tributary	10 / 10
G		

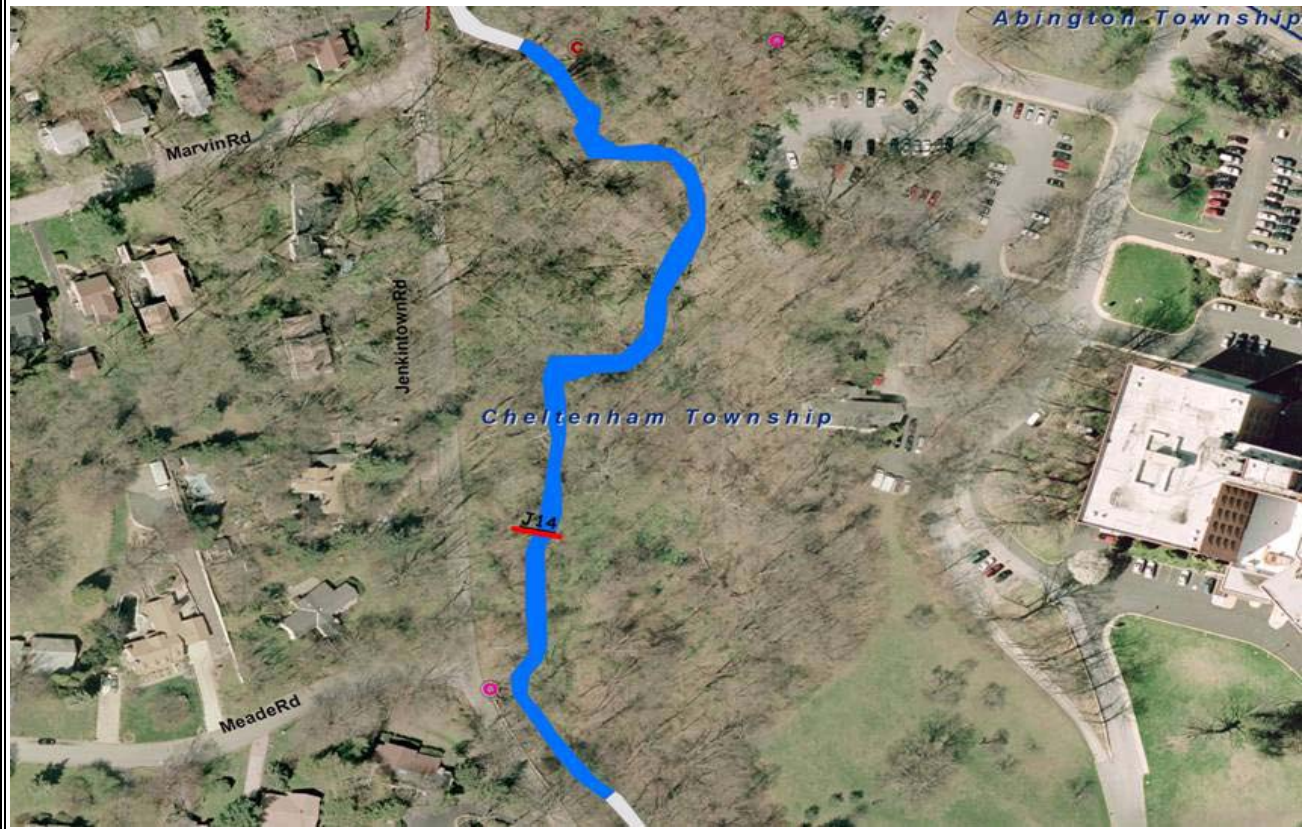
I	<b>J14</b>
N	<u>Jenkintown Creek</u>
F	<u>150 ft NE of Jenkintown Rd &amp; Meade Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.12 (mi <sup>2</sup> )
A	Reach length	931 (ft)
T	Distance to US XS/Headwaters	1305 (ft)
I	Distance to DS XS/Confluence	585 (ft)
S	Drainage Area Imperviousness	26.5 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	10.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	1
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	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	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	0 / 5
B	A	Riparian Composition - DSL	0 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	3 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	50 / 155
N	Stability Score	24 / 100
K	Habitat Score	26 / 55
I	Priority In Shed	90 / 102
N	Priority In Tributary	8 / 10
G		

I	<b>J16</b>
N	<u>Jenkintown Creek</u>
F	<u>325 ft NE of Church Rd &amp; Hammond Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.04 (mi <sup>2</sup> )
A	Reach length	890 (ft)
T	Distance to US XS/Headwaters	585 (ft)
I	Distance to DS XS/Confluence	1195 (ft)
S	Drainage Area Imperviousness	20.1 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	4.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	74
E	% Culverted within reach	8.4
S	% Channelized within reach	0.0

S	P	Outfalls	1 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	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	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	64 / 155
N	Stability Score	33 / 100
K	Habitat Score	31 / 55
I	Priority In Shed	59 / 102
N	Priority In Tributary	6 / 10
G		

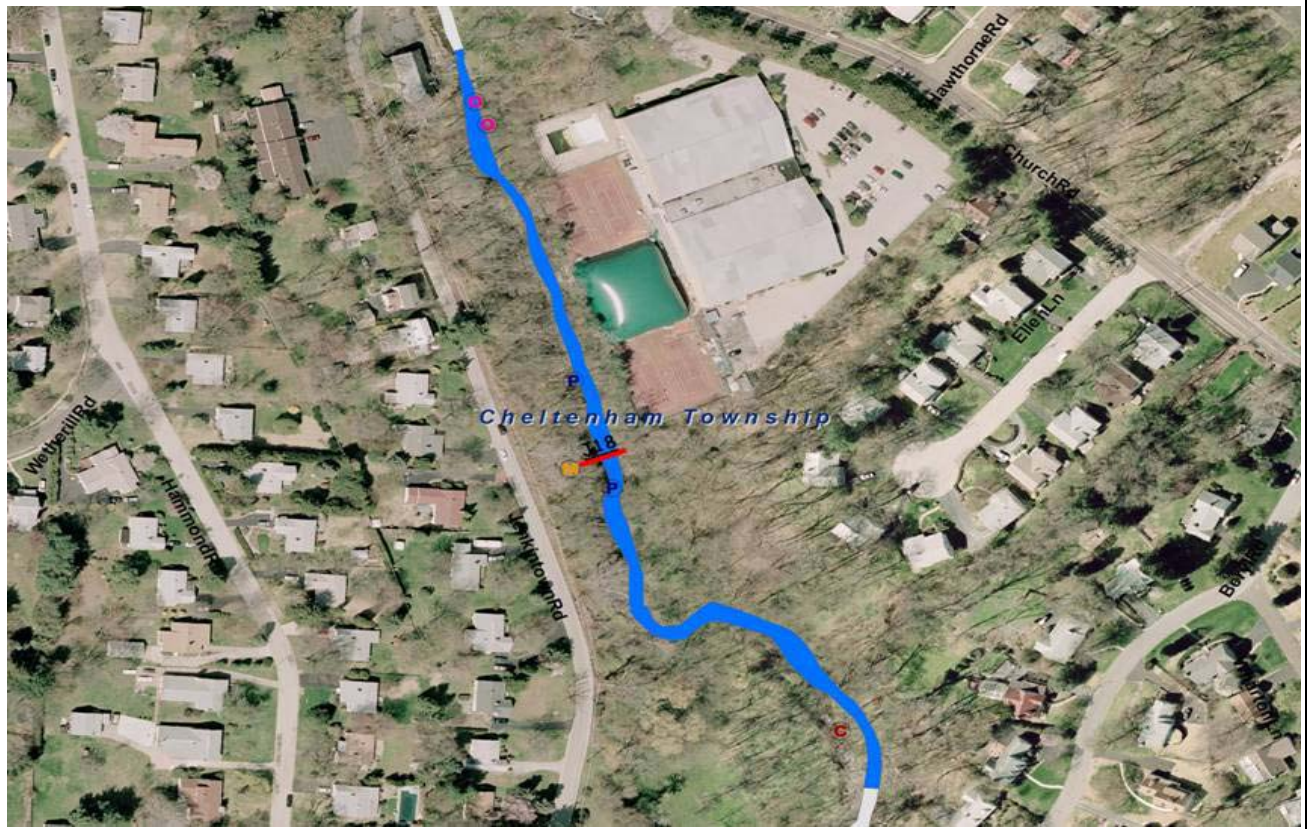
I	<b>J18</b>	
N	<u>Jenkintown Creek</u>	
F	<u>700 ft SW of Church Rd &amp; Ellen Ln</u>	
O	<u>Cheltenham Township</u>	

S		
T	Upstream Drainage Area	0.06 (mi <sup>2</sup> )
A	Reach length	1276 (ft)
T	Distance to US XS/Headwaters	1195 (ft)
I	Distance to DS XS/Confluence	1355 (ft)
S	Drainage Area Imperviousness	22.5 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	2.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	2
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	1
T	Confluences - # within reach	1
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	1 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	71 / 155
N	Stability Score	36 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	36 / 102
N	Priority In Tributary	4 / 10
G		

I	<b>J20</b>
N	<u>Jenkintown Creek</u>
F	<u>250 ft ENE of Tookany Creek Pky &amp; Jenkintown Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.16 (mi <sup>2</sup> )
A	Reach length	864 (ft)
T	Distance to US XS/Headwaters	1355 (ft)
I	Distance to DS XS/Confluence	186 (ft)
S	Drainage Area Imperviousness	26.8 (%)
T	Shed Imperviousness	22.1 (%)
I	Total Tributary Length	13599 (ft)
C	Outfall Area	3.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	1
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	55
E	% Culverted within reach	6.4
S	% Channelized within reach	12.9

S	P	Outfalls	1 / 25
T	A	Culverts	6 / 20
A	R	Channelization	6 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	71 / 155
N	Stability Score	42 / 100
K	Habitat Score	29 / 55
I	Priority In Shed	36 / 102
N	Priority In Tributary	1 / 2
G		

I	<b>K2</b>	
N	<u>West Branch Baeder Creek</u>	
F	<u>425 ft SSE of Crescent Ave &amp; Ghost Rd</u>	
O	<u>Abington Township</u>	

S		
T	Upstream Drainage Area	0.27 (mi <sup>2</sup> )
A	Reach length	829 (ft)
T	Distance to US XS/Headwaters	628 (ft)
I	Distance to DS XS/Confluence	401 (ft)
S	Drainage Area Imperviousness	19.4 (%)
T	Shed Imperviousness	20.6 (%)
I	Total Tributary Length	1994 (ft)
C	Outfall Area	13.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	135
E	% Culverted within reach	16.3
S	% Channelized within reach	56.7

S	P	Outfalls	4 / 25
T	A	Culverts	12 / 20
A	R	Channelization	12 / 15
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
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	56 / 155
N	Stability Score	27 / 100
K	Habitat Score	29 / 55
I	Priority In Shed	74 / 102
N	Priority In Tributary	2 / 2
G		

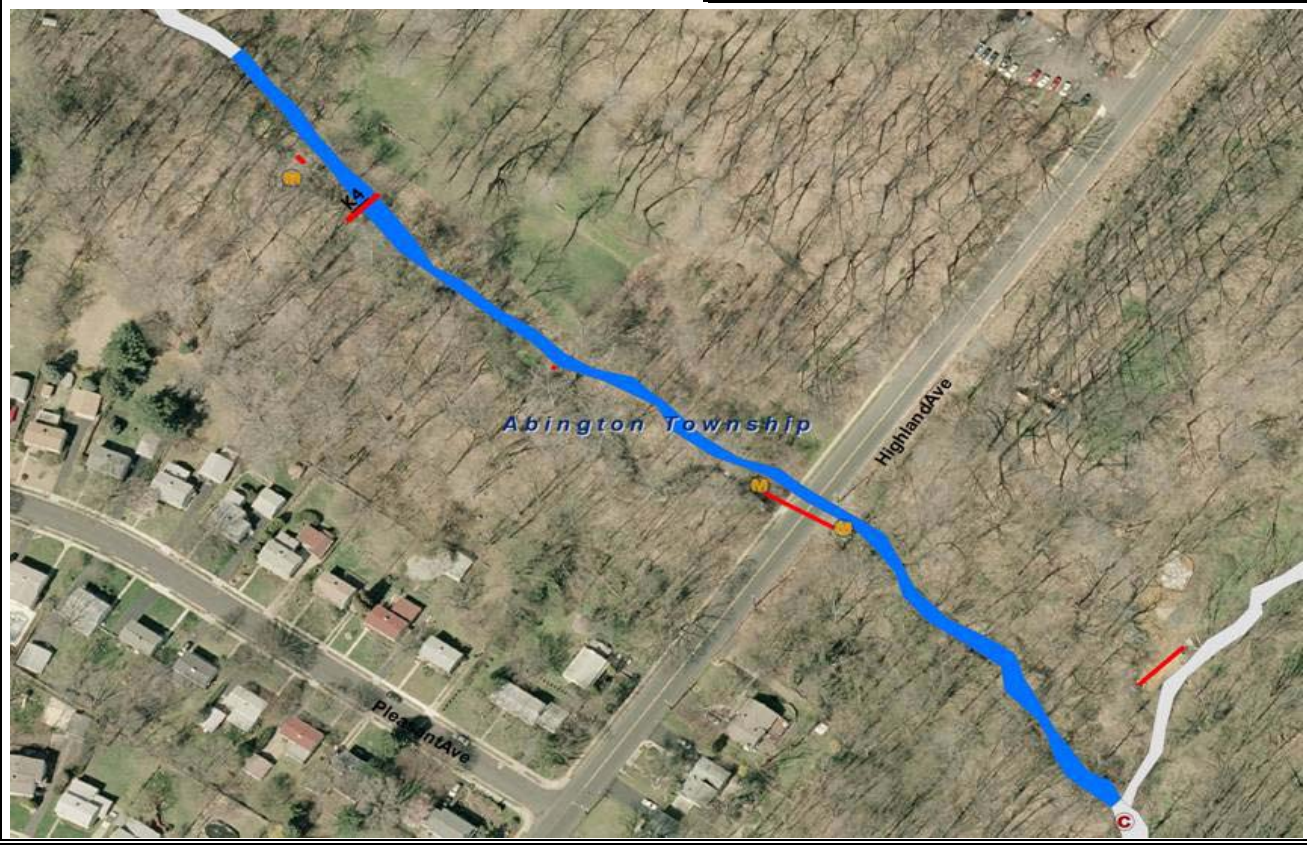
I	<b>K4</b>
N	<u>West Branch Baeder Creek</u>
F	<u>525 ft NE of Pleasant Ave &amp; Edgely Ave</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.03 (mi <sup>2</sup> )
A	Reach length	1166 (ft)
T	Distance to US XS/Headwaters	401 (ft)
I	Distance to DS XS/Confluence	975 (ft)
S	Drainage Area Imperviousness	30.9 (%)
T	Shed Imperviousness	20.6 (%)
I	Total Tributary Length	1994 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	3
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	90
E	% Culverted within reach	7.7
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
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	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	55 / 155
N	Stability Score	19 / 100
K	Habitat Score	36 / 55
I	Priority In Shed	77 / 102
N	Priority In Tributary	2 / 2
G		

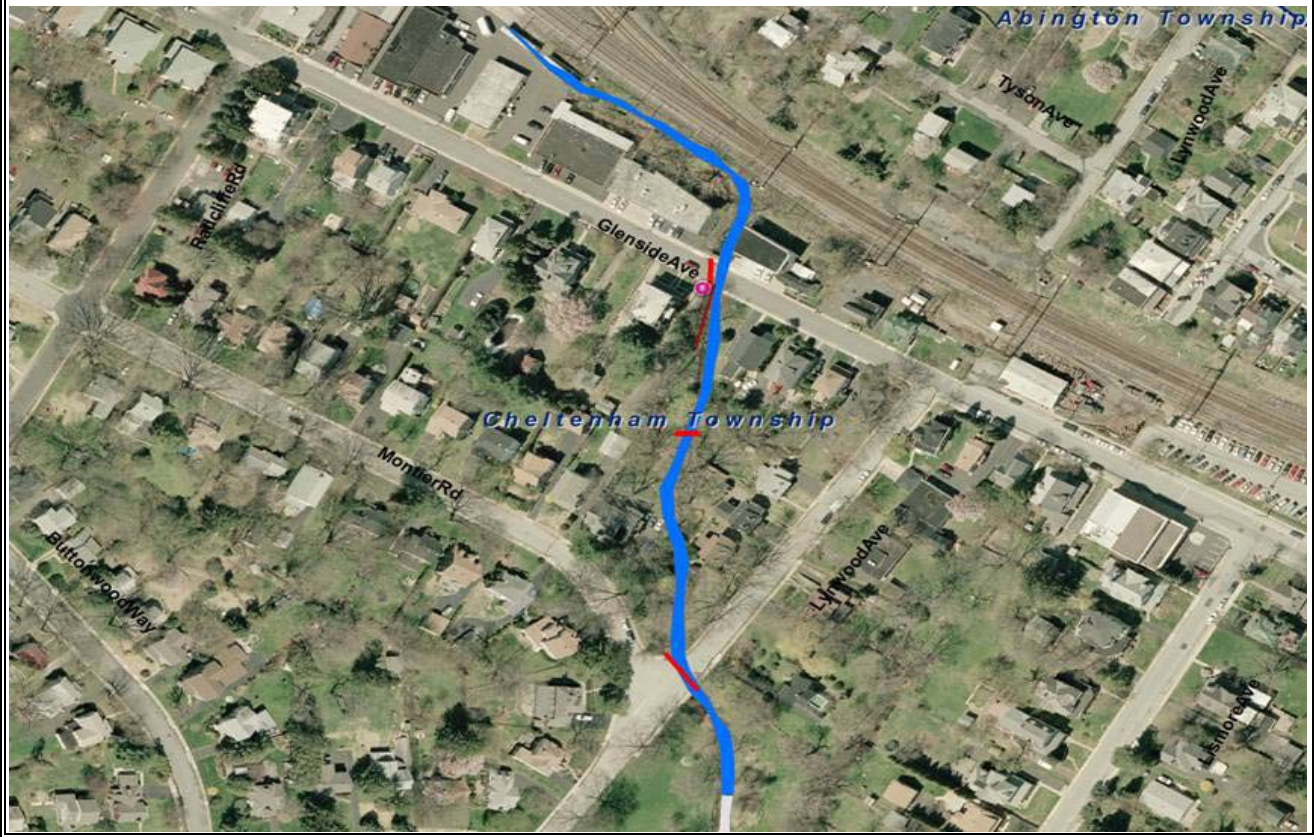
I	<b>L2</b>
N	<u>Unknown Tributary L to Tookany Creek</u>
F	<u>325 ft W of Glenside Ave &amp; Lynwood Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.43 (mi <sup>2</sup> )
A	Reach length	1132 (ft)
T	Distance to US XS/Headwaters	656 (ft)
I	Distance to DS XS/Confluence	1398 (ft)
S	Drainage Area Imperviousness	20.4 (%)
T	Shed Imperviousness	23.5 (%)
I	Total Tributary Length	2646 (ft)
C	Outfall Area	7.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	92
E	% Culverted within reach	8.2
S	% Channelized within reach	3.7

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	2 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	1 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	1 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	74 / 155
N	Stability Score	47 / 100
K	Habitat Score	27 / 55
I	Priority In Shed	32 / 102
N	Priority In Tributary	1 / 2
G		

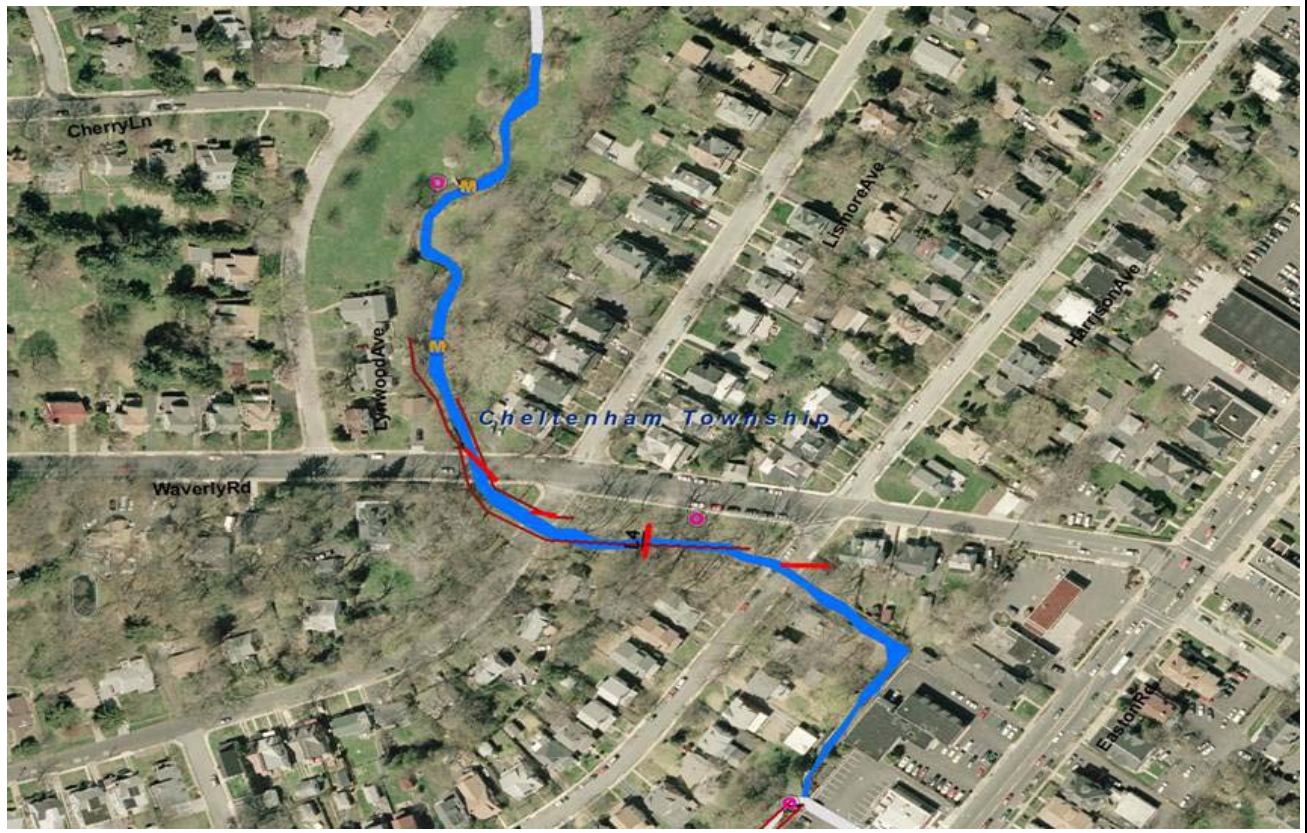
I	<b>L4</b>
N	<a href="#">Unknown Tributary L to Tookany Creek</a>
F	<a href="#">50 ft SW of Waverly Rd &amp; Lismore Ave</a>
O	<a href="#">Cheltenham Township</a>

S		
T	Upstream Drainage Area	0.11 (mi <sup>2</sup> )
A	Reach length	1514 (ft)
T	Distance to US XS/Headwaters	1398 (ft)
I	Distance to DS XS/Confluence	594 (ft)
S	Drainage Area Imperviousness	35.3 (%)
T	Shed Imperviousness	23.5 (%)
I	Total Tributary Length	2646 (ft)
C	Outfall Area	5.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	151
E	% Culverted within reach	10.0
S	% Channelized within reach	27.6

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	1 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	1 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	3 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5





R		
A	Total Score	63 / 155
N	Stability Score	33 / 100
K	Habitat Score	30 / 55
I	Priority In Shed	60 / 102
N	Priority In Tributary	1 / 2
G		

I	<b>M2</b>
N	<u>Unknown Tributary M to Rock Creek</u>
F	<u>200 ft NE of Greenwood Ave &amp; Hedgerow Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.15 (mi <sup>2</sup> )
A	Reach length	1770 (ft)
T	Distance to US XS/Headwaters	1273 (ft)
I	Distance to DS XS/Confluence	1421 (ft)
S	Drainage Area Imperviousness	23.4 (%)
T	Shed Imperviousness	20.5 (%)
I	Total Tributary Length	3059 (ft)
C	Outfall Area	15.7 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	122
E	% Culverted within reach	6.9
S	% Channelized within reach	0.0

S	P	Outfalls	6 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	3 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	61 / 155
N	Stability Score	34 / 100
K	Habitat Score	27 / 55
I	Priority In Shed	64 / 102
N	Priority In Tributary	2 / 2
G		

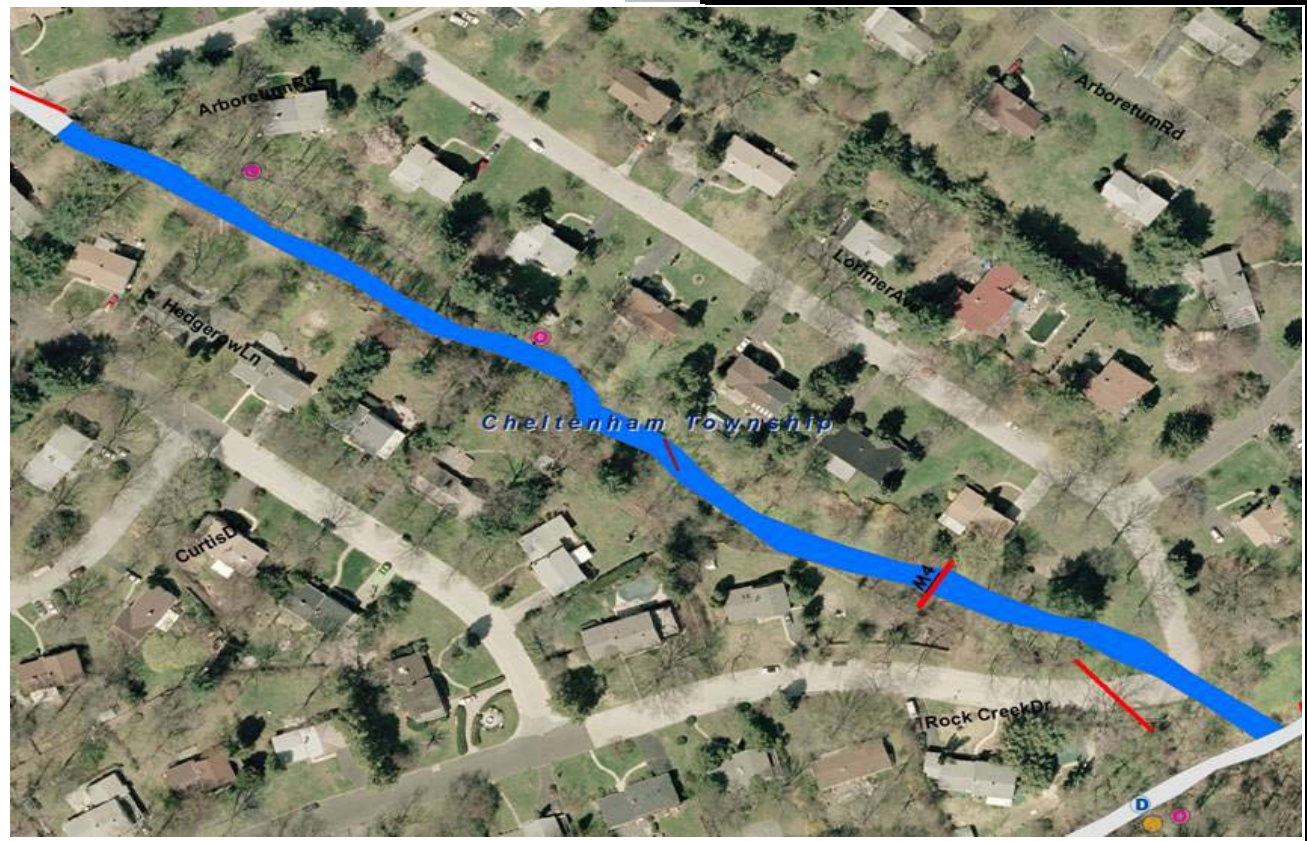
I	<b>M4</b>
N	<a href="#">Unknown Tributary M to Rock Creek</a>
F	<a href="#">325 ft NW of Rock Creek Dr &amp; Lorimer Ave</a>
O	<a href="#">Cheltenham Township</a>

S		
T	Upstream Drainage Area	0.25 (mi <sup>2</sup> )
A	Reach length	1289 (ft)
T	Distance to US XS/Headwaters	1421 (ft)
I	Distance to DS XS/Confluence	372 (ft)
S	Drainage Area Imperviousness	18.7 (%)
T	Shed Imperviousness	20.5 (%)
I	Total Tributary Length	3059 (ft)
C	Outfall Area	4.9 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	101
E	% Culverted within reach	7.8
S	% Channelized within reach	1.4

S	P	Outfalls	1 / 25
T	A	Culverts	6 / 20
A	R	Channelization	2 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	95 / 155
N	Stability Score	62 / 100
K	Habitat Score	33 / 55
I	Priority In Shed	2 / 102
N	Priority In Tributary	1 / 6
G		

I	<b>MR2</b>
N	<u>Mill Run</u>
F	<u>125 ft SW of Valley Rd &amp; Coventry Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	1.08 (mi <sup>2</sup> )
A	Reach length	1091 (ft)
T	Distance to US XS/Headwaters	678 (ft)
I	Distance to DS XS/Confluence	826 (ft)
S	Drainage Area Imperviousness	52.3 (%)
T	Shed Imperviousness	45.0 (%)
I	Total Tributary Length	5912 (ft)
C	Outfall Area	129.7 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	7
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	131
E	% Culverted within reach	12.0
S	% Channelized within reach	54.3

S	P	Outfalls	22 / 25
T	A	Culverts	9 / 20
A	R	Channelization	12 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	76 / 155
N	Stability Score	41 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	26 / 102
N	Priority In Tributary	3 / 6
G		

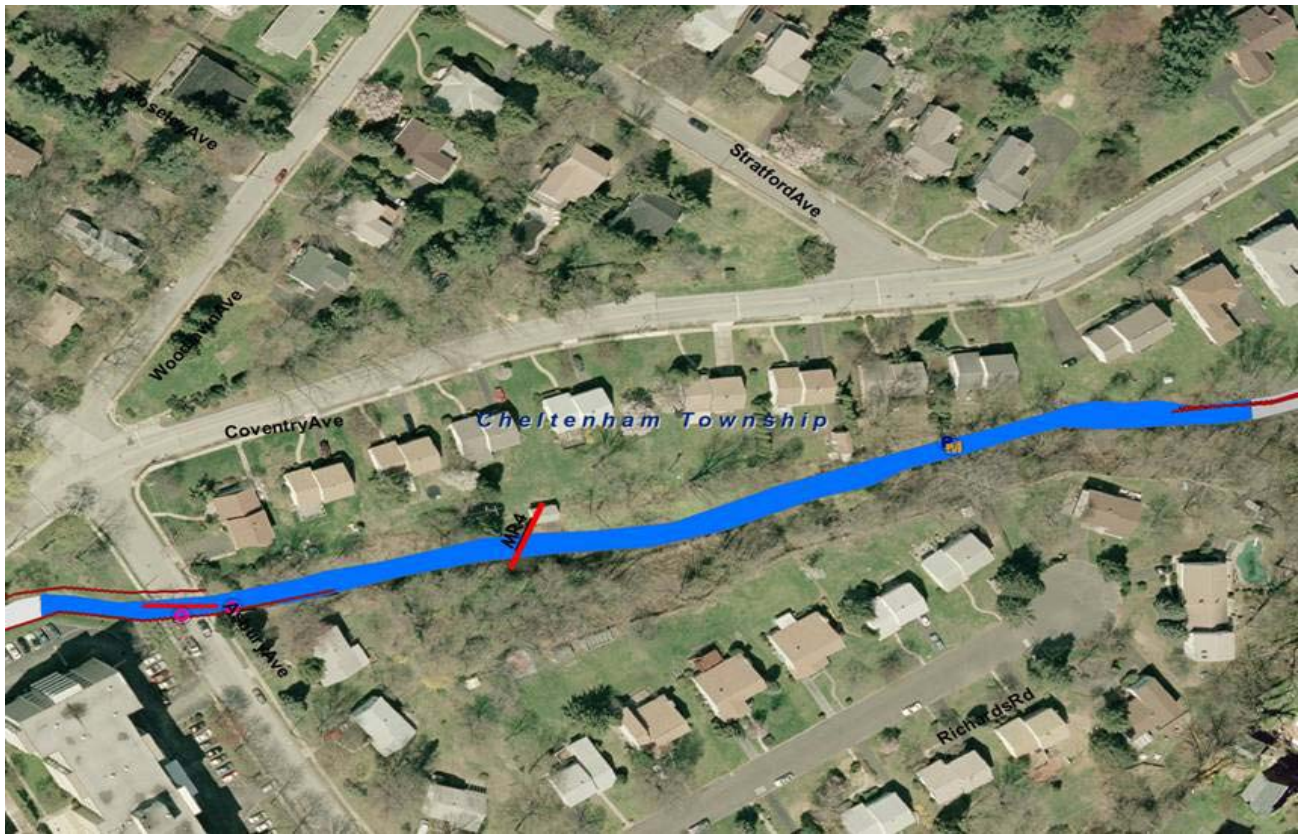
I	<b>MR4</b>
N	<u>Mill Run</u>
F	<u>425 ft N of Asbury Ave &amp; Richards Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.20 (mi <sup>2</sup> )
A	Reach length	1047 (ft)
T	Distance to US XS/Headwaters	826 (ft)
I	Distance to DS XS/Confluence	1269 (ft)
S	Drainage Area Imperviousness	32.1 (%)
T	Shed Imperviousness	45.0 (%)
I	Total Tributary Length	5912 (ft)
C	Outfall Area	8.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	64
E	% Culverted within reach	6.1
S	% Channelized within reach	24.9

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	69 / 155
N	Stability Score	38 / 100
K	Habitat Score	31 / 55
I	Priority In Shed	44 / 102
N	Priority In Tributary	5 / 6
G		

I	<b>MR6</b>
N	<u>Mill Run</u>
F	<u>150 ft SW of Coventry Ave &amp; Lenape Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.11 (mi <sup>2</sup> )
A	Reach length	1068 (ft)
T	Distance to US XS/Headwaters	1269 (ft)
I	Distance to DS XS/Confluence	892 (ft)
S	Drainage Area Imperviousness	32.5 (%)
T	Shed Imperviousness	45.0 (%)
I	Total Tributary Length	5912 (ft)
C	Outfall Area	11.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	44.3

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	12 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R  
A  
N  
K  
I  
N  
G

Total Score	62 / 155
Stability Score	32 / 100
Habitat Score	30 / 55
Priority In Shed	63 / 102
Priority In Tributary	6 / 6

I  
N  
F  
O

<b>MR8</b>
<u>Mill Run</u>
<u>325 ft NW of New Second St &amp; Coventry Ave</u>
<u>Cheltenham Township</u>

S  
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C  
S

Upstream Drainage Area	0.10 (mi <sup>2</sup> )
Reach length	888 (ft)
Distance to US XS/Headwaters	892 (ft)
Distance to DS XS/Confluence	853 (ft)
Drainage Area Imperviousness	30.5 (%)
Shed Imperviousness	45.0 (%)
Total Tributary Length	5912 (ft)
Outfall Area	8.7 (ft <sup>2</sup> )

S  
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Dams - # within reach	1
Pipes - # within reach	0
Bridges - # within reach	1
Outfalls - # within reach	1
Manholes - # within reach	0
Confluences - # within reach	1
Culverts - # within reach	0
Culvert Length - ft within reach	0
% Culverted within reach	0.0
% Channelized within reach	22.4

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S

Outfalls	2 / 25
Culverts	0 / 20
Channelization	10 / 15
Infrastructure Pts	1 / 5
Shear Stress	3 / 10
Channel Type	5 / 5
Reach Bed Stability	3 / 5
Bed Materials	2 / 5
Bank Erosion	1 / 5
Entrenchment Ratio	5 / 5

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Riparian Width - DSR	1 / 5
Riparian Width - DSL	1 / 5
Riparian Composition - DSR	4 / 5
Riparian Composition - DSL	3 / 5
Canopy Cover - DSR	5 / 5
Canopy Cover - DSL	5 / 5
Bed Materials	0 / 5
Sediment Supply	3 / 5
Sinuosity	5 / 5
Woody Debris	3 / 5
Attachment Sites	0 / 5



R		
A	Total Score	74 / 155
N	Stability Score	42 / 100
K	Habitat Score	32 / 55
I	Priority In Shed	32 / 102
N	Priority In Tributary	4 / 6
G		

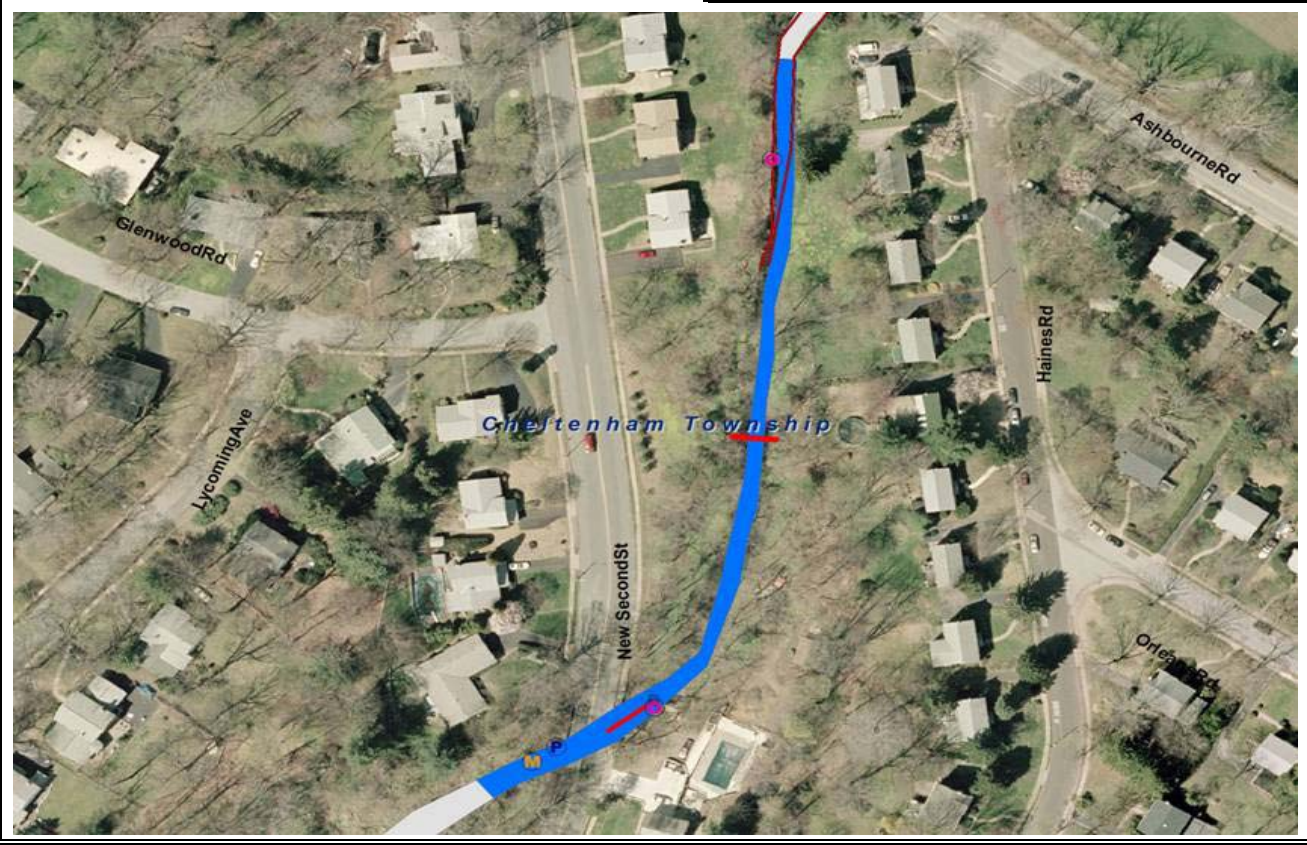
I	<b>MR10</b>
N	<u>Mill Run</u>
F	<u>175 ft SE of New Second St &amp; Glenwood Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.07 (mi <sup>2</sup> )
A	Reach length	780 (ft)
T	Distance to US XS/Headwaters	853 (ft)
I	Distance to DS XS/Confluence	707 (ft)
S	Drainage Area Imperviousness	32.4 (%)
T	Shed Imperviousness	45.0 (%)
I	Total Tributary Length	5912 (ft)
C	Outfall Area	6.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	48
E	% Culverted within reach	6.2
S	% Channelized within reach	25.0

S	P	Outfalls	2 / 25
T	A	Culverts	6 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R  
A  
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K  
I  
N  
G

Total Score	88 / 155
Stability Score	44 / 100
Habitat Score	44 / 55
Priority In Shed	10 / 102
Priority In Tributary	2 / 6

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S

Upstream Drainage Area	0.08 (mi <sup>2</sup> )
Reach length	1037 (ft)
Distance to US XS/Headwaters	707 (ft)
Distance to DS XS/Confluence	699 (ft)
Drainage Area Imperviousness	23.0 (%)
Shed Imperviousness	45.0 (%)
Total Tributary Length	5912 (ft)
Outfall Area	12.0 (ft <sup>2</sup> )

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Outfalls	4 / 25
Culverts	6 / 20
Channelization	10 / 15
Infrastructure Pts	0 / 5
Shear Stress	7 / 10
Channel Type	3 / 5
Reach Bed Stability	3 / 5
Bed Materials	1 / 5
Bank Erosion	5 / 5
Entrenchment Ratio	5 / 5

I  
N  
F  
O

<b>MR12</b>
<u>Mill Run</u>
<u>300 ft NE of Ashbourne Rd &amp; Mulberry Ln</u>
<u>Cheltenham Township</u>

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Dams - # within reach	0
Pipes - # within reach	0
Bridges - # within reach	0
Outfalls - # within reach	2
Manholes - # within reach	0
Confluences - # within reach	0
Culverts - # within reach	1
Culvert Length - ft within reach	61
% Culverted within reach	5.8
% Channelized within reach	25.2

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Riparian Width - DSR	5 / 5
Riparian Width - DSL	5 / 5
Riparian Composition - DSR	4 / 5
Riparian Composition - DSL	4 / 5
Canopy Cover - DSR	5 / 5
Canopy Cover - DSL	5 / 5
Bed Materials	1 / 5
Sediment Supply	5 / 5
Sinuosity	5 / 5
Woody Debris	5 / 5
Attachment Sites	0 / 5





R		
A	Total Score	50 / 155
N	Stability Score	34 / 100
K	Habitat Score	16 / 55
I	Priority In Shed	90 / 102
N	Priority In Tributary	42 / 50
G		

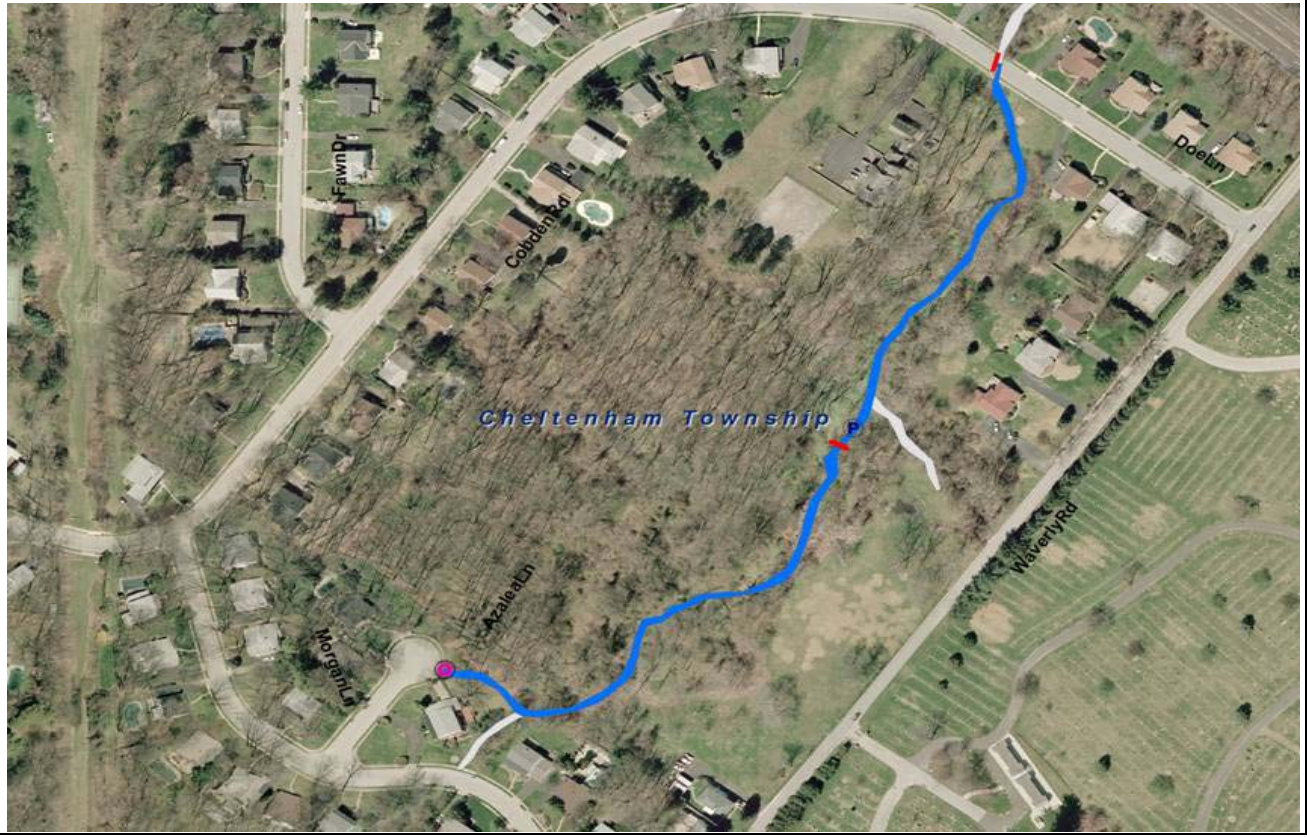
I	<b>MS2</b>
N	<u>Tookany Creek</u>
F	<u>950 ft NE of Morgan Ln &amp; Azelea Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.26 (mi <sup>2</sup> )
A	Reach length	1726 (ft)
T	Distance to US XS/Headwaters	934 (ft)
I	Distance to DS XS/Confluence	1595 (ft)
S	Drainage Area Imperviousness	14.3 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	10.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	3 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	52 / 155
N	Stability Score	34 / 100
K	Habitat Score	18 / 55
I	Priority In Shed	84 / 102
N	Priority In Tributary	40 / 50
G		

I	<b>MS4</b>
N	<u>Tookany Creek</u>
F	<u>350 ft N of SR 309 &amp; Waverly Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.39 (mi <sup>2</sup> )
A	Reach length	1155 (ft)
T	Distance to US XS/Headwaters	1595 (ft)
I	Distance to DS XS/Confluence	716 (ft)
S	Drainage Area Imperviousness	14.5 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	3
R	Culvert Length - ft within reach	222
E	% Culverted within reach	19.2
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	12 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	63 / 155
N	Stability Score	38 / 100
K	Habitat Score	25 / 55
I	Priority In Shed	60 / 102
N	Priority In Tributary	28 / 50
G		

I	<b>MS6</b>
N	<u>Tookany Creek</u>
F	<u>375 ft SE of Waverly Rd &amp; Church Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.04 (mi <sup>2</sup> )
A	Reach length	1186 (ft)
T	Distance to US XS/Headwaters	716 (ft)
I	Distance to DS XS/Confluence	1629 (ft)
S	Drainage Area Imperviousness	12.3 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	31
E	% Culverted within reach	2.6
S	% Channelized within reach	7.7

S	P	Outfalls	0 / 25
T	A	Culverts	3 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	66 / 155
N	Stability Score	31 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	53 / 102
N	Priority In Tributary	25 / 50
G		

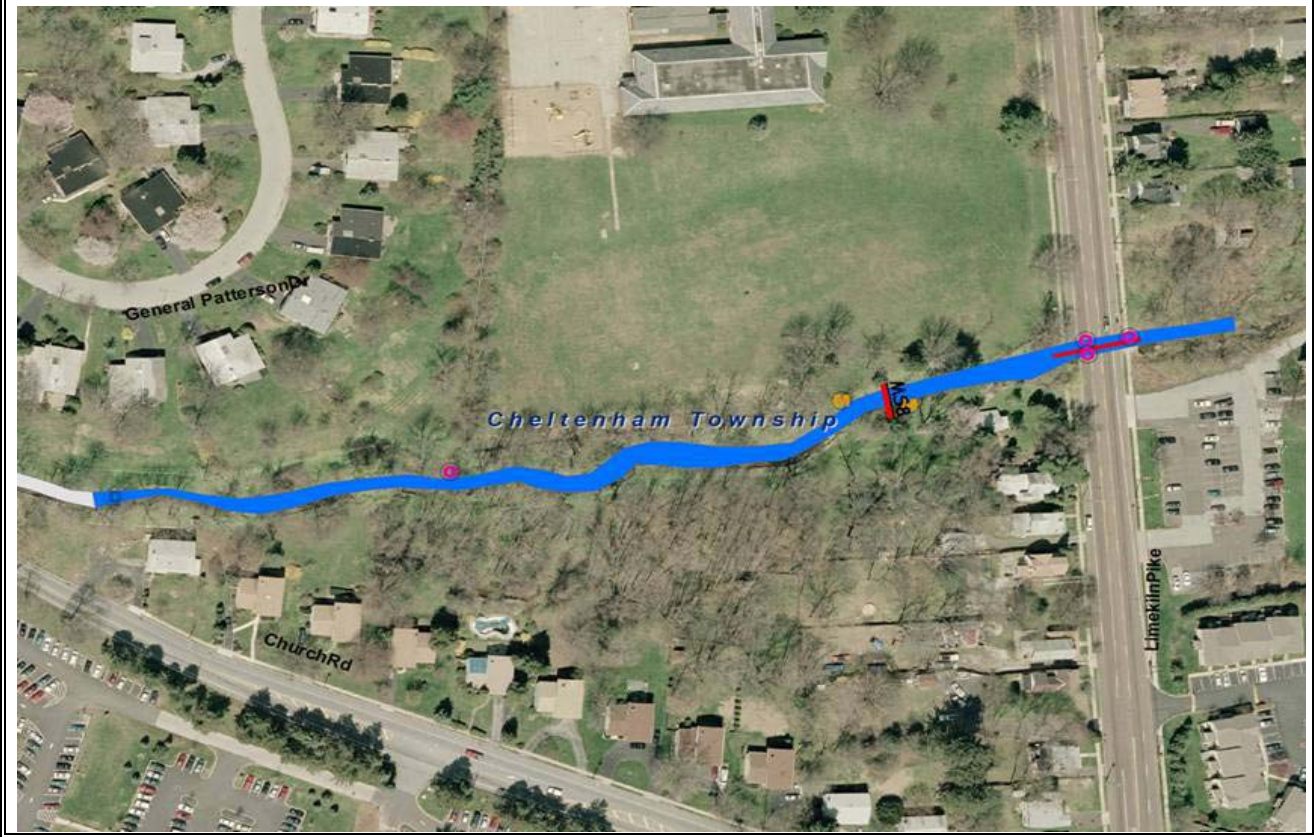
I	<b>MS8</b>
N	<u>Tookany Creek</u>
F	<u>700 ft NW of Church Rd &amp; Limeklin Pk</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.37 (mi <sup>2</sup> )
A	Reach length	1175 (ft)
T	Distance to US XS/Headwaters	1629 (ft)
I	Distance to DS XS/Confluence	708 (ft)
S	Drainage Area Imperviousness	19.4 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	16.5 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	89
E	% Culverted within reach	7.5
S	% Channelized within reach	0.0

S	P	Outfalls	6 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	46 / 155
N	Stability Score	23 / 100
K	Habitat Score	23 / 55
I	Priority In Shed	98 / 102
N	Priority In Tributary	47 / 50
G		

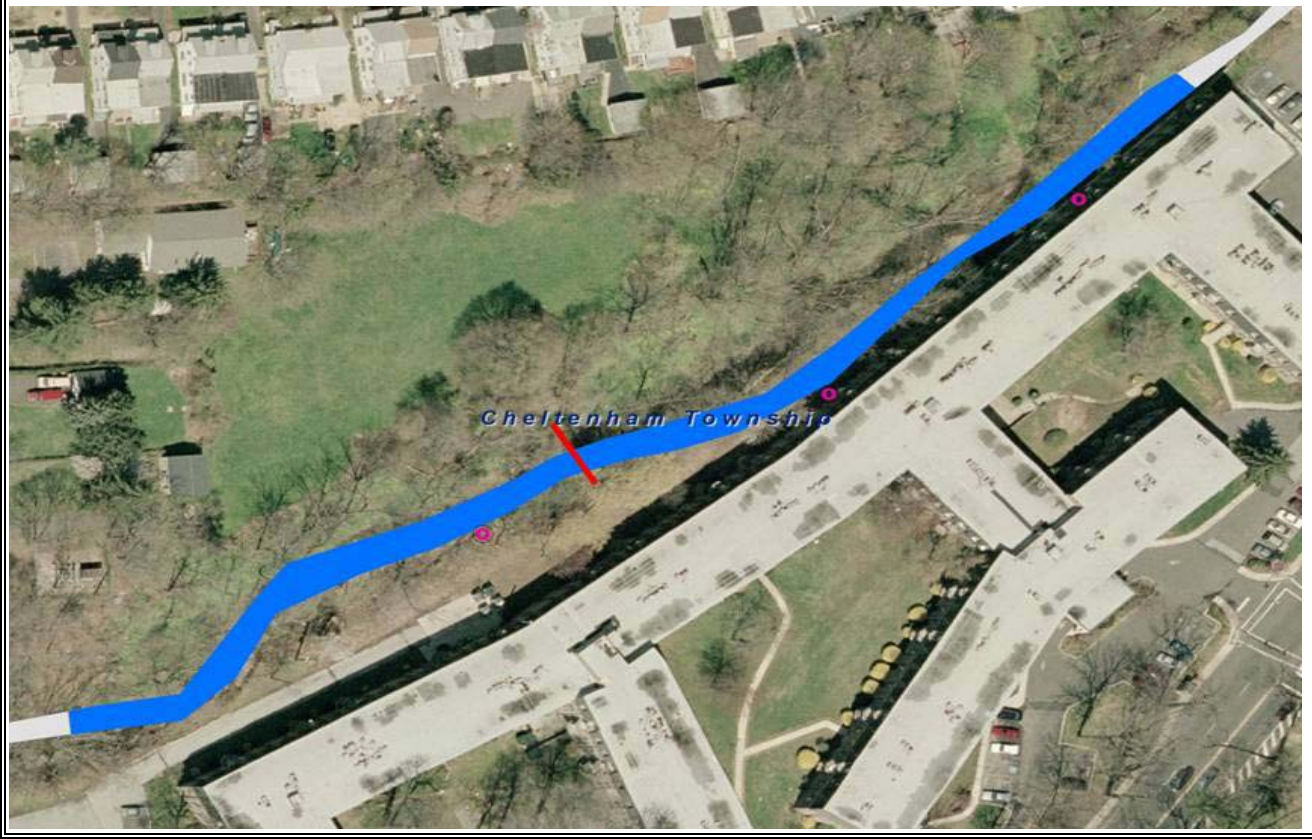
I	<b>MS10</b>
N	<u>Tookany Creek</u>
F	<u>500 ft SE of Limeklin Pk &amp; Oak Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.18 (mi <sup>2</sup> )
A	Reach length	791 (ft)
T	Distance to US XS/Headwaters	708 (ft)
I	Distance to DS XS/Confluence	875 (ft)
S	Drainage Area Imperviousness	17.4 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	4.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	1 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R  
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G

Total Score	81 / 155
Stability Score	44 / 100
Habitat Score	37 / 55
Priority In Shed	21 / 102
Priority In Tributary	10 / 50

I  
N  
F  
O

<b>MS12</b>
<u>Tookany Creek</u>
<u>225 ft NE of Oak Rd &amp; Springhouse Ln</u>
<u>Cheltenham Township</u>

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Upstream Drainage Area	0.13 (mi <sup>2</sup> )
Reach length	1411 (ft)
Distance to US XS/Headwaters	875 (ft)
Distance to DS XS/Confluence	1942 (ft)
Drainage Area Imperviousness	25.6 (%)
Shed Imperviousness	48.5 (%)
Total Tributary Length	62107 (ft)
Outfall Area	25.0 (ft <sup>2</sup> )

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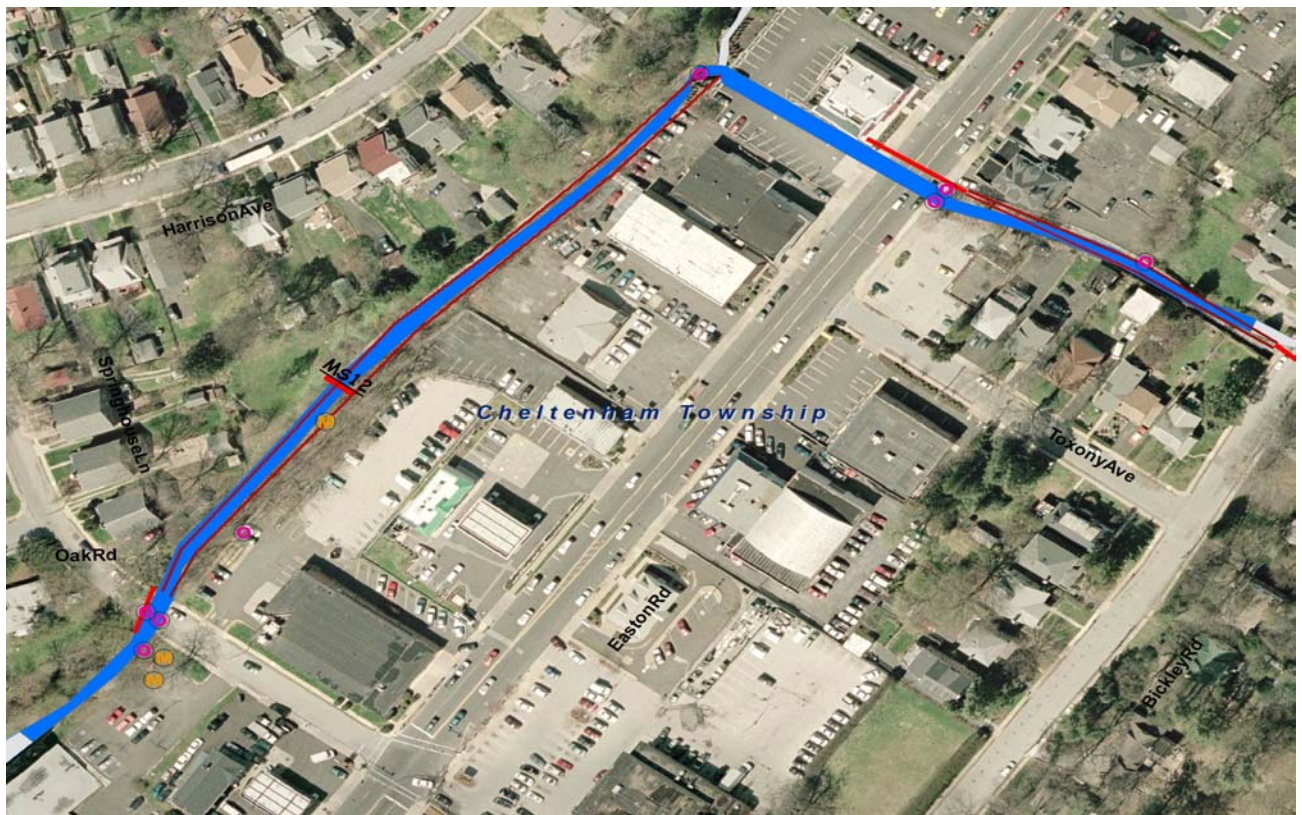
Dams - # within reach	0
Pipes - # within reach	0
Bridges - # within reach	0
Outfalls - # within reach	8
Manholes - # within reach	3
Confluences - # within reach	0
Culverts - # within reach	2
Culvert Length - ft within reach	146
% Culverted within reach	10.4
% Channelized within reach	49.0

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S

Outfalls	10 / 25
Culverts	9 / 20
Channelization	12 / 15
Infrastructure Pts	1 / 5
Shear Stress	7 / 10
Channel Type	0 / 5
Reach Bed Stability	3 / 5
Bed Materials	0 / 5
Bank Erosion	1 / 5
Entrenchment Ratio	1 / 5

P  
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Riparian Width - DSR	3 / 5
Riparian Width - DSL	5 / 5
Riparian Composition - DSR	3 / 5
Riparian Composition - DSL	4 / 5
Canopy Cover - DSR	3 / 5
Canopy Cover - DSL	3 / 5
Bed Materials	5 / 5
Sediment Supply	1 / 5
Sinuosity	5 / 5
Woody Debris	5 / 5
Attachment Sites	0 / 5



R		
A	Total Score	92 / 155
N	Stability Score	60 / 100
K	Habitat Score	32 / 55
I	Priority In Shed	5 / 102
N	Priority In Tributary	1 / 50
G		

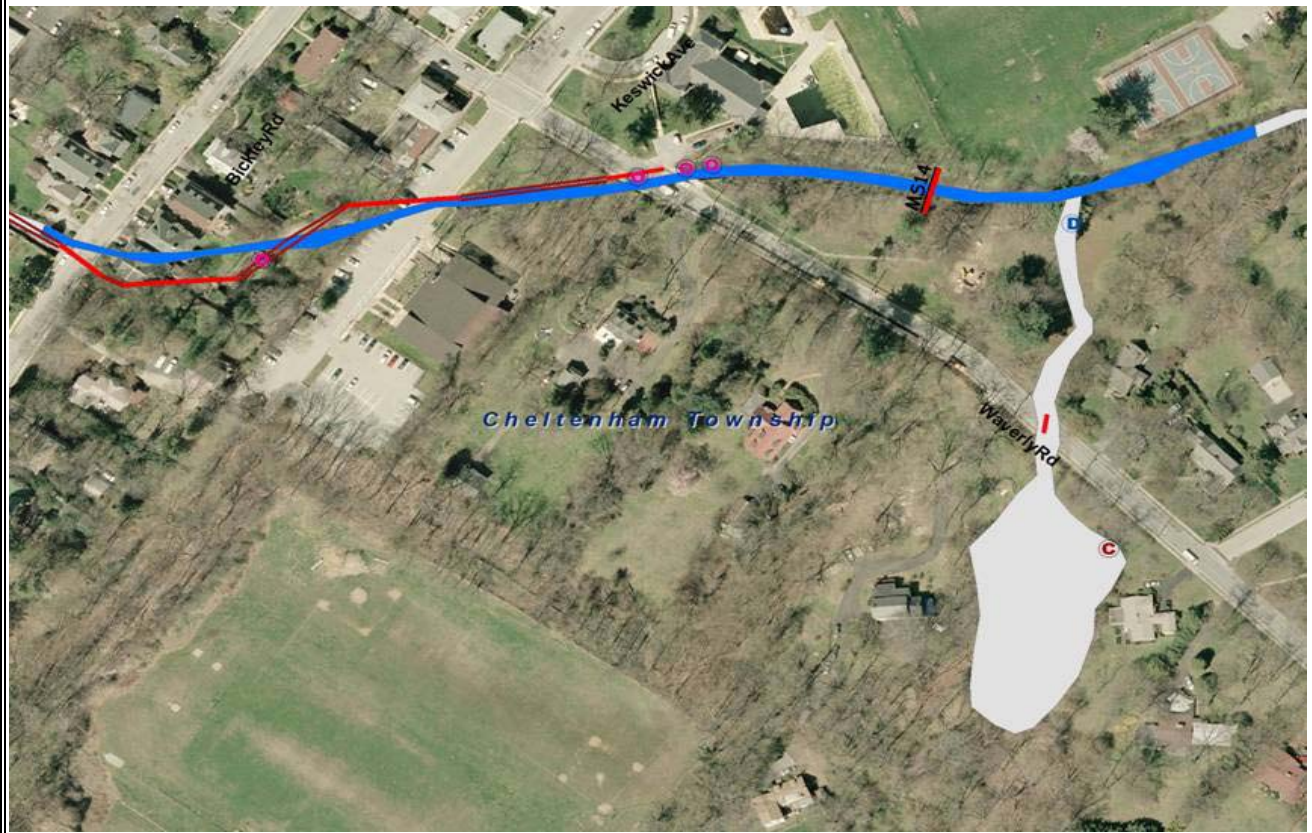
I	<b>MS14</b>
N	<u>Tookany Creek</u>
F	<u>350 ft ESE of Keswick Ave &amp; Waverly Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.21 (mi <sup>2</sup> )
A	Reach length	1334 (ft)
T	Distance to US XS/Headwaters	1942 (ft)
I	Distance to DS XS/Confluence	724 (ft)
S	Drainage Area Imperviousness	22.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	20.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	4
R	Culvert Length - ft within reach	371
E	% Culverted within reach	27.8
S	% Channelized within reach	47.0

S	P	Outfalls	10 / 25
T	A	Culverts	15 / 20
A	R	Channelization	12 / 15
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
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	84 / 155
N	Stability Score	48 / 100
K	Habitat Score	36 / 55
I	Priority In Shed	14 / 102
N	Priority In Tributary	4 / 50
G		

I	<b>MS16</b>
N	<u>Tookany Creek</u>
F	<u>325 ft SW of Brookdale Ave &amp; Stanley Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.70 (mi <sup>2</sup> )
A	Reach length	862 (ft)
T	Distance to US XS/Headwaters	724 (ft)
I	Distance to DS XS/Confluence	1000 (ft)
S	Drainage Area Imperviousness	31.9 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	97.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	37.9

S	P	Outfalls	20 / 25
T	A	Culverts	0 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	67 / 155
N	Stability Score	37 / 100
K	Habitat Score	30 / 55
I	Priority In Shed	50 / 102
N	Priority In Tributary	23 / 50
G		

I	<b>MS18</b>
N	<u>Tookany Creek</u>
F	<u>200 ft E of Brookdale Ave &amp; Rices Mill Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.05 (mi <sup>2</sup> )
A	Reach length	1264 (ft)
T	Distance to US XS/Headwaters	1000 (ft)
I	Distance to DS XS/Confluence	1450 (ft)
S	Drainage Area Imperviousness	35.2 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	11.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	4
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	404
E	% Culverted within reach	31.9
S	% Channelized within reach	0.0

S	P	Outfalls	4 / 25
T	A	Culverts	15 / 20
A	R	Channelization	0 / 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	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	52 / 155
N	Stability Score	13 / 100
K	Habitat Score	39 / 55
I	Priority In Shed	84 / 102
N	Priority In Tributary	40 / 50
G		

I	<b>MS20</b>
N	<u>Tookany Creek</u>
F	<u>300 ft SSE of Rices Mill Rd &amp; Highland Ave</u>
O	<u>Abington Township</u>

S		
T	Upstream Drainage Area	0.37 (mi <sup>2</sup> )
A	Reach length	1184 (ft)
T	Distance to US XS/Headwaters	1450 (ft)
I	Distance to DS XS/Confluence	975 (ft)
S	Drainage Area Imperviousness	30.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R  
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K  
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G

Total Score	53 / 155
Stability Score	14 / 100
Habitat Score	39 / 55
Priority In Shed	81 / 102
Priority In Tributary	38 / 50

I  
N  
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<b>MS22</b>
<u>Tookany Creek</u>
<u>550 ft NNE of South Ave &amp; Paxson Ave</u>
<u>Abington Township</u>

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Upstream Drainage Area	0.12 (mi <sup>2</sup> )
Reach length	1054 (ft)
Distance to US XS/Headwaters	975 (ft)
Distance to DS XS/Confluence	1072 (ft)
Drainage Area Imperviousness	25.4 (%)
Shed Imperviousness	48.5 (%)
Total Tributary Length	62107 (ft)
Outfall Area	0.0 (ft <sup>2</sup> )

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Dams - # within reach	0
Pipes - # within reach	1
Bridges - # within reach	1
Outfalls - # within reach	0
Manholes - # within reach	1
Confluences - # within reach	0
Culverts - # within reach	0
Culvert Length - ft within reach	0
% Culverted within reach	0.0
% Channelized within reach	2.5

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Outfalls	0 / 25
Culverts	0 / 20
Channelization	2 / 15
Infrastructure Pts	1 / 5
Shear Stress	3 / 10
Channel Type	0 / 5
Reach Bed Stability	3 / 5
Bed Materials	3 / 5
Bank Erosion	1 / 5
Entrenchment Ratio	1 / 5

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Riparian Width - DSR	5 / 5
Riparian Width - DSL	5 / 5
Riparian Composition - DSR	3 / 5
Riparian Composition - DSL	3 / 5
Canopy Cover - DSR	5 / 5
Canopy Cover - DSL	5 / 5
Bed Materials	2 / 5
Sediment Supply	1 / 5
Sinuosity	5 / 5
Woody Debris	5 / 5
Attachment Sites	0 / 5



R		
A	Total Score	75 / 155
N	Stability Score	40 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	30 / 102
N	Priority In Tributary	14 / 50
G		

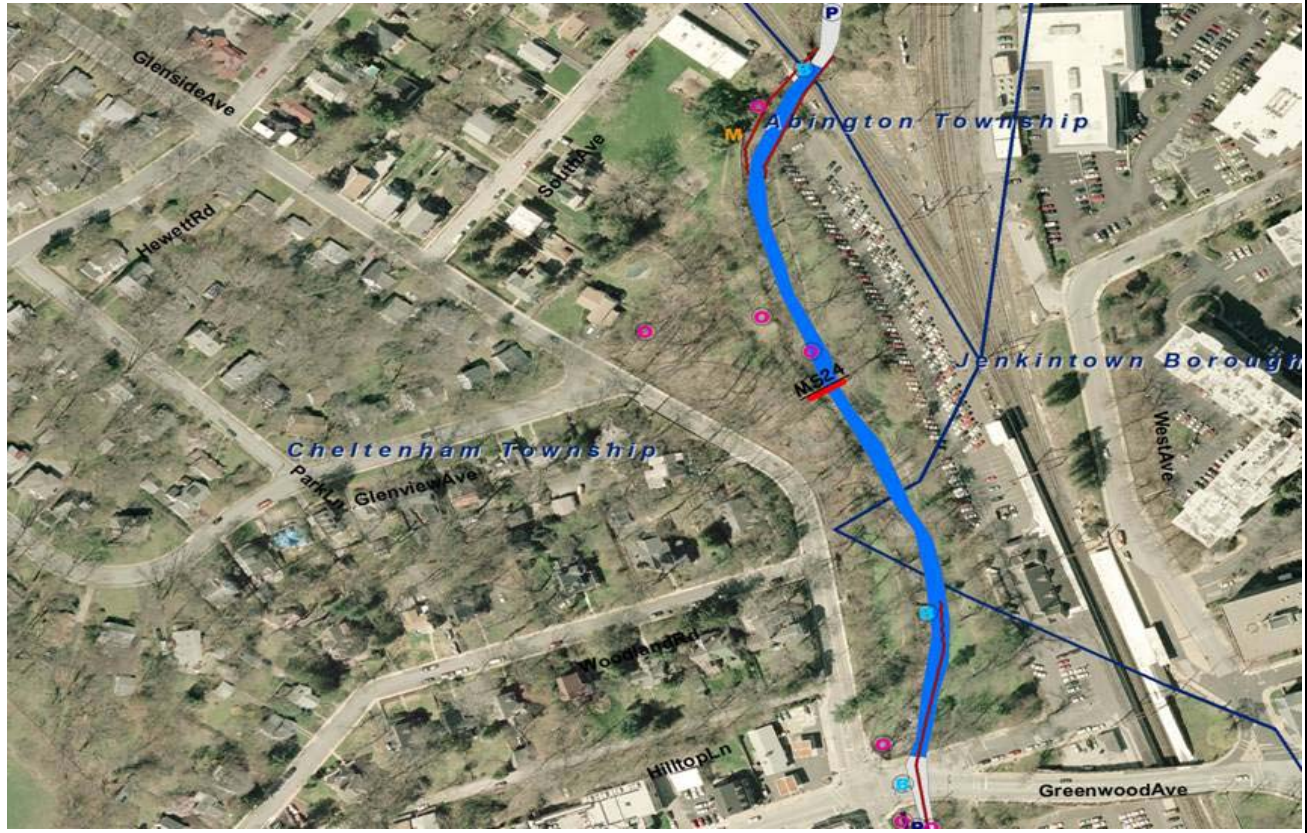
I	<b>MS24</b>
N	<u>Tookany Creek</u>
F	<u>225 ft ENE of Glenview Ave &amp; Glenside Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.10 (mi <sup>2</sup> )
A	Reach length	1145 (ft)
T	Distance to US XS/Headwaters	1072 (ft)
I	Distance to DS XS/Confluence	1217 (ft)
S	Drainage Area Imperviousness	28.9 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	27.5 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	2
U	Outfalls - # within reach	5
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	27.7

S	P	Outfalls	10 / 25
T	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	5 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	83 / 155
N	Stability Score	48 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	15 / 102
N	Priority In Tributary	5 / 50
G		

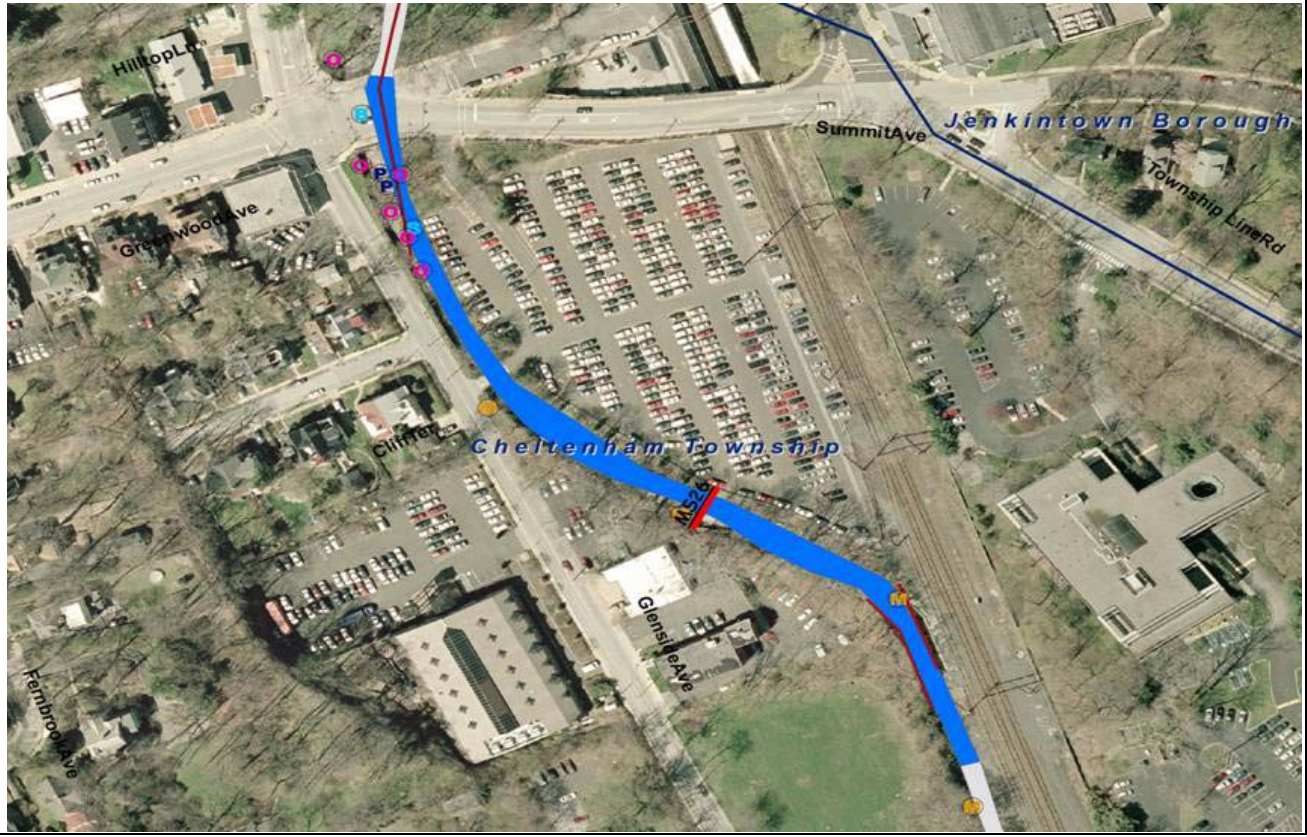
I	<b>MS26</b>
N	<u>Tookany Creek</u>
F	<u>200 ft SE of Glenside Ave &amp; Cliffer Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.39 (mi <sup>2</sup> )
A	Reach length	1013 (ft)
T	Distance to US XS/Headwaters	1217 (ft)
I	Distance to DS XS/Confluence	810 (ft)
S	Drainage Area Imperviousness	25.4 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	27.5 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	2
R	Bridges - # within reach	2
U	Outfalls - # within reach	5
C	Manholes - # within reach	3
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	22.3

S	P	Outfalls	10 / 25
T	A	Culverts	0 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	3 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R  
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Total Score	71 / 155
Stability Score	39 / 100
Habitat Score	32 / 55
Priority In Shed	36 / 102
Priority In Tributary	17 / 50

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<b>MS28</b>
<u>Tookany Creek</u>
<u>300 ft SE of Webster Ave &amp; Glenside Ave</u>
<u>Cheltenham Township</u>

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Upstream Drainage Area	0.20 (mi <sup>2</sup> )
Reach length	1139 (ft)
Distance to US XS/Headwaters	810 (ft)
Distance to DS XS/Confluence	1468 (ft)
Drainage Area Imperviousness	26.3 (%)
Shed Imperviousness	48.5 (%)
Total Tributary Length	62107 (ft)
Outfall Area	9.3 (ft <sup>2</sup> )

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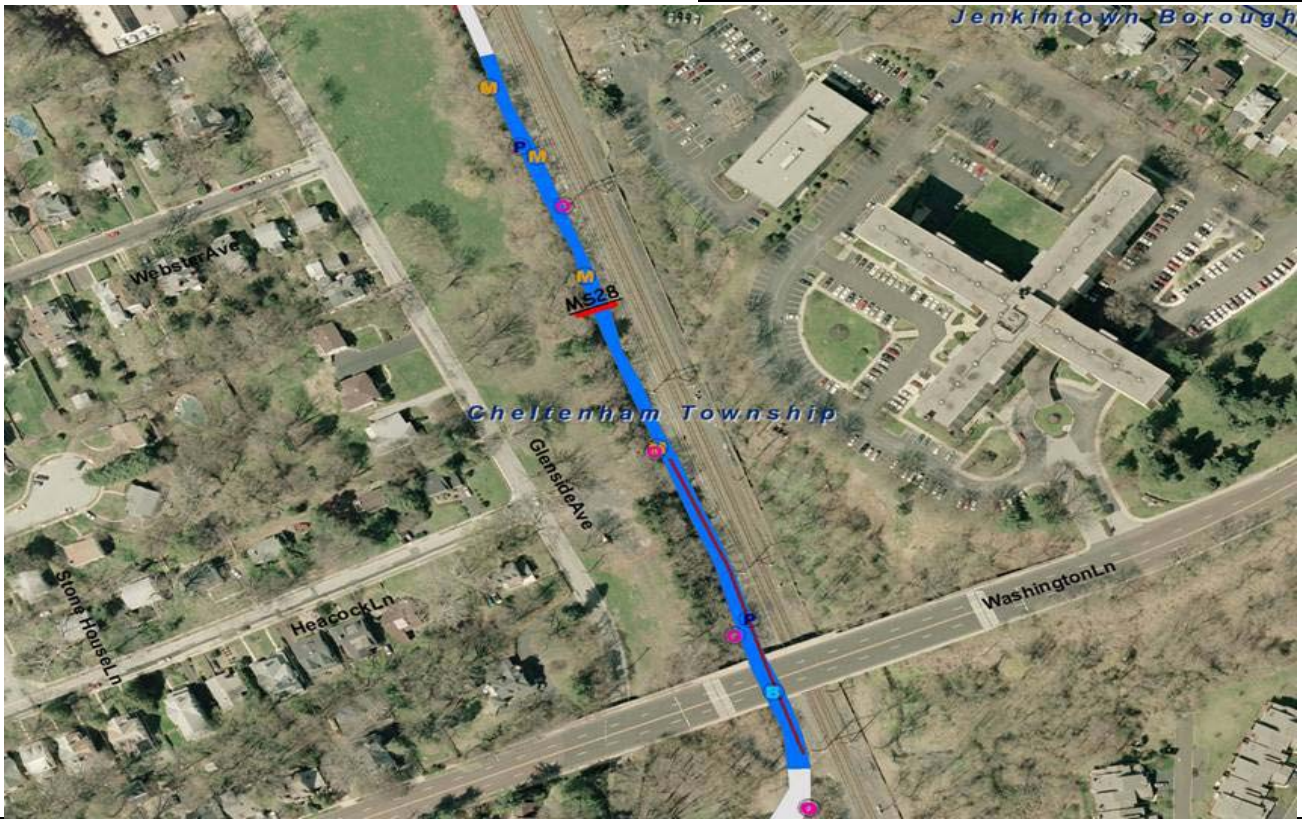
Dams - # within reach	0
Pipes - # within reach	2
Bridges - # within reach	1
Outfalls - # within reach	3
Manholes - # within reach	4
Confluences - # within reach	0
Culverts - # within reach	0
Culvert Length - ft within reach	0
% Culverted within reach	0.0
% Channelized within reach	20.8

S  
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Outfalls	2 / 25
Culverts	0 / 20
Channelization	10 / 15
Infrastructure Pts	2 / 5
Shear Stress	7 / 10
Channel Type	3 / 5
Reach Bed Stability	3 / 5
Bed Materials	2 / 5
Bank Erosion	5 / 5
Entrenchment Ratio	5 / 5

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Riparian Width - DSR	3 / 5
Riparian Width - DSL	5 / 5
Riparian Composition - DSR	3 / 5
Riparian Composition - DSL	4 / 5
Canopy Cover - DSR	1 / 5
Canopy Cover - DSL	5 / 5
Bed Materials	0 / 5
Sediment Supply	1 / 5
Sinuosity	5 / 5
Woody Debris	5 / 5
Attachment Sites	0 / 5



R		
A	Total Score	59 / 155
N	Stability Score	39 / 100
K	Habitat Score	20 / 55
I	Priority In Shed	69 / 102
N	Priority In Tributary	31 / 50
G		

I	<b>MS30</b>
N	<u>Tookany Creek</u>
F	<u>525 ft NE of Serpentine Ln &amp; Pardee Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.22 (mi <sup>2</sup> )
A	Reach length	1618 (ft)
T	Distance to US XS/Headwaters	1468 (ft)
I	Distance to DS XS/Confluence	1768 (ft)
S	Drainage Area Imperviousness	28.7 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	15.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	51
E	% Culverted within reach	3.2
S	% Channelized within reach	9.2

S	P	Outfalls	6 / 25
T	A	Culverts	3 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	76 / 155
N	Stability Score	46 / 100
K	Habitat Score	30 / 55
I	Priority In Shed	26 / 102
N	Priority In Tributary	12 / 50
G		

I	<b>MS32</b>
N	<u>Tookany Creek</u>
F	<u>275 ft NE of Church Rd &amp; Cheltenham Hills Dr</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.15 (mi <sup>2</sup> )
A	Reach length	1559 (ft)
T	Distance to US XS/Headwaters	1768 (ft)
I	Distance to DS XS/Confluence	1350 (ft)
S	Drainage Area Imperviousness	16.9 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	3.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	205
E	% Culverted within reach	13.1
S	% Channelized within reach	25.5

S	P	Outfalls	1 / 25
T	A	Culverts	9 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	54 / 155
N	Stability Score	30 / 100
K	Habitat Score	24 / 55
I	Priority In Shed	79 / 102
N	Priority In Tributary	36 / 50
G		

I	<b>MS34</b>
N	<u>Tookany Creek</u>
F	<u>325 ft ENE of Cheltenham Hills Dr &amp; Whitewood Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.14 (mi <sup>2</sup> )
A	Reach length	1049 (ft)
T	Distance to US XS/Headwaters	1350 (ft)
I	Distance to DS XS/Confluence	749 (ft)
S	Drainage Area Imperviousness	25.1 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	11.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	1 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	69 / 155
N	Stability Score	34 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	44 / 102
N	Priority In Tributary	20 / 50
G		

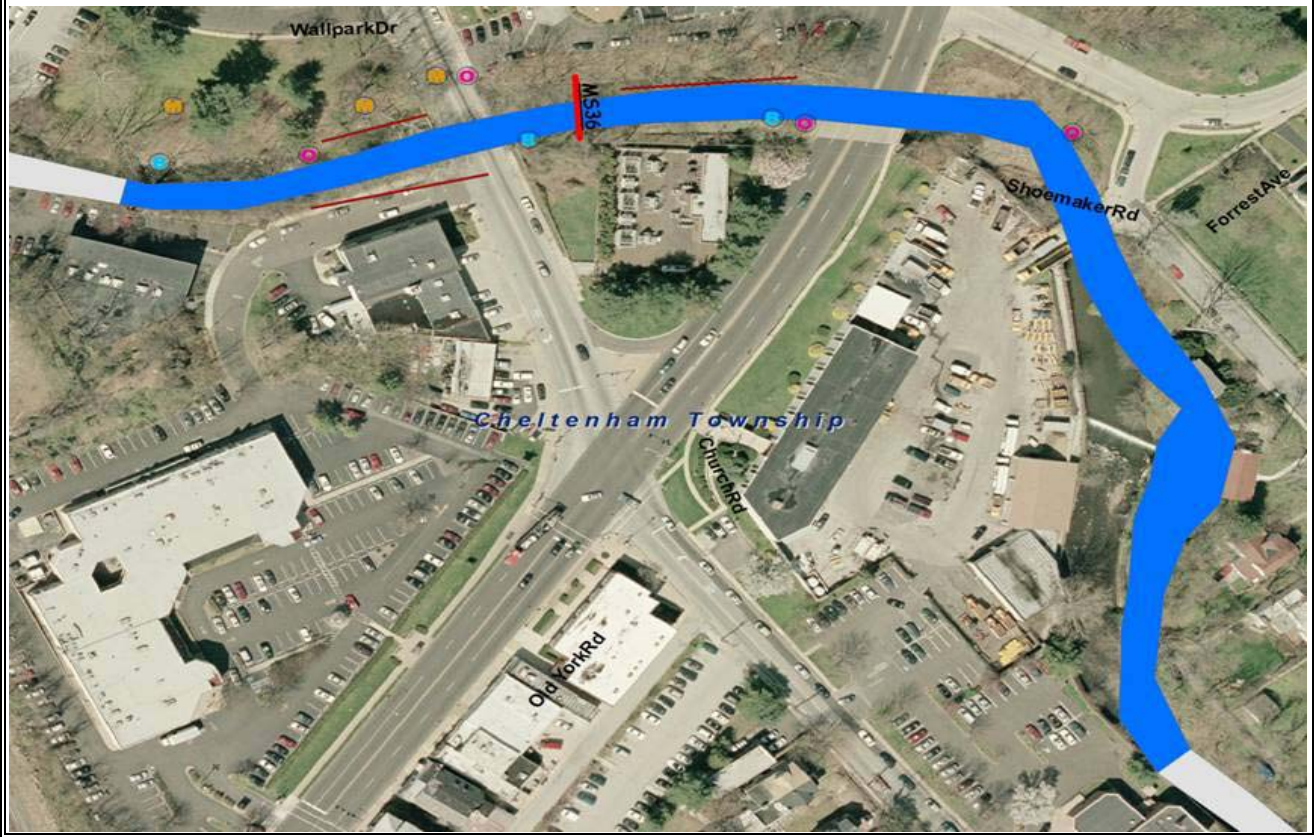
I	<b>MS36</b>
N	<u>Tookany Creek</u>
F	<u>100 ft SE of Church Rd &amp; Wallpark Dr</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.06 (mi <sup>2</sup> )
A	Reach length	1391 (ft)
T	Distance to US XS/Headwaters	749 (ft)
I	Distance to DS XS/Confluence	2138 (ft)
S	Drainage Area Imperviousness	18.7 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	10.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	3
U	Outfalls - # within reach	4
C	Manholes - # within reach	3
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	13.5

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	6 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	3 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	82 / 155
N	Stability Score	42 / 100
K	Habitat Score	40 / 55
I	Priority In Shed	20 / 102
N	Priority In Tributary	9 / 50
G		

I	<b>MS38</b>
N	<u>Tookany Creek</u>
F	<u>425 ft SW of Church Rd &amp; Brookside Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.17 (mi <sup>2</sup> )
A	Reach length	2073 (ft)
T	Distance to US XS/Headwaters	2138 (ft)
I	Distance to DS XS/Confluence	1893 (ft)
S	Drainage Area Imperviousness	27.7 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	48.3 (ft <sup>2</sup> )
S		

S	Dams - # within reach	3
T	Pipes - # within reach	0
R	Bridges - # within reach	3
U	Outfalls - # within reach	7
C	Manholes - # within reach	5
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	22
E	% Culverted within reach	1.1
S	% Channelized within reach	8.6

S	P	Outfalls	14 / 25
T	A	Culverts	3 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	3 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	3 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	83 / 155
N	Stability Score	46 / 100
K	Habitat Score	37 / 55
I	Priority In Shed	15 / 102
N	Priority In Tributary	5 / 50
G		

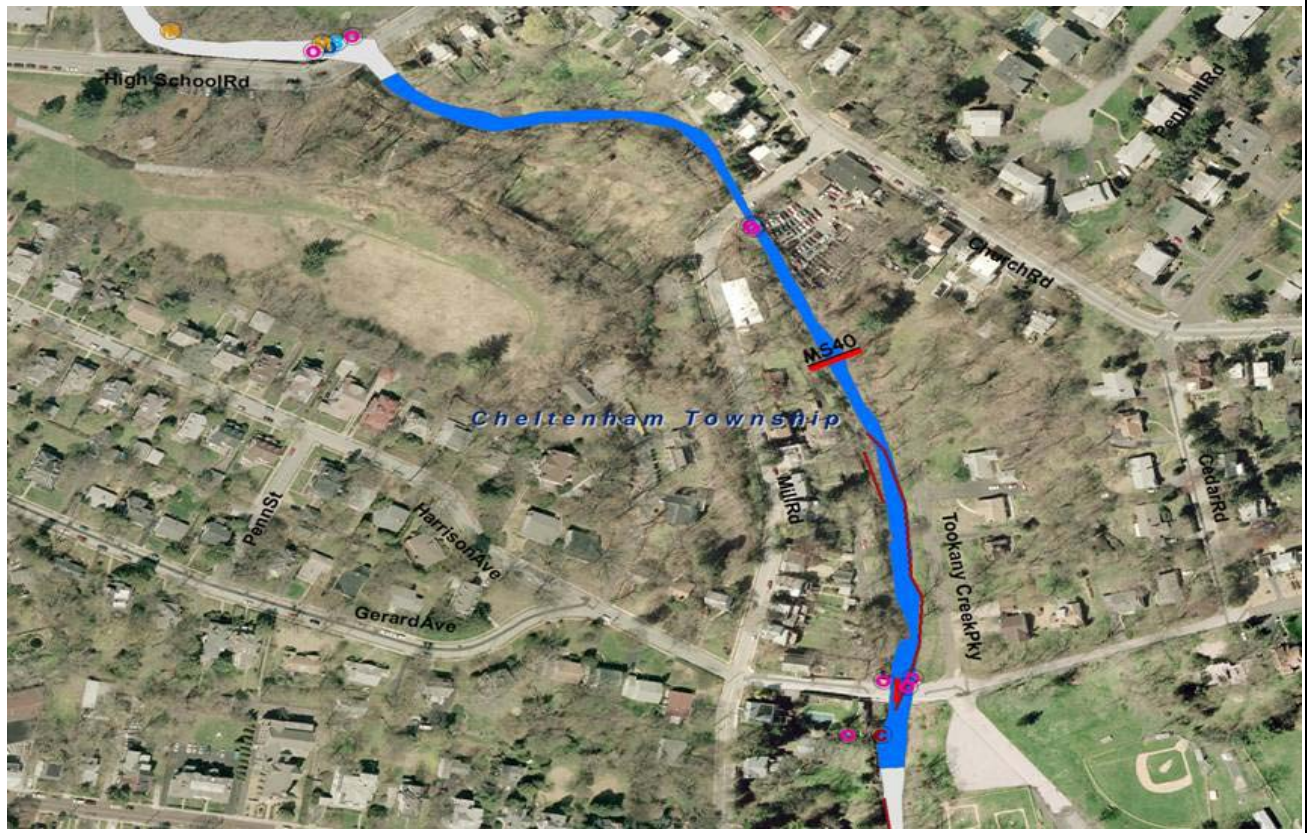
I	<b>MS40</b>
N	<u>Tookany Creek</u>
F	<u>300 ft S of Church Rd &amp; Mill Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.82 (mi <sup>2</sup> )
A	Reach length	1708 (ft)
T	Distance to US XS/Headwaters	1893 (ft)
I	Distance to DS XS/Confluence	1524 (ft)
S	Drainage Area Imperviousness	21.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	22.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	6
C	Manholes - # within reach	0
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	44
E	% Culverted within reach	2.6
S	% Channelized within reach	18.2

S	P	Outfalls	10 / 25
T	A	Culverts	3 / 20
A	R	Channelization	8 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	70 / 155
N	Stability Score	35 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	39 / 102
N	Priority In Tributary	18 / 50
G		

I	<b>MS42</b>
N	<u>Tookany Creek</u>
F	<u>275 ft NE of Ashbourne Rd &amp; Brookview Pl</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.24 (mi <sup>2</sup> )
A	Reach length	1883 (ft)
T	Distance to US XS/Headwaters	1524 (ft)
I	Distance to DS XS/Confluence	2242 (ft)
S	Drainage Area Imperviousness	30.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	14.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	2
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	7.4

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	3 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	77 / 155
N	Stability Score	37 / 100
K	Habitat Score	40 / 55
I	Priority In Shed	24 / 102
N	Priority In Tributary	11 / 50
G		

I	<b>MS44</b>
N	<u>Tookany Creek</u>
F	<u>175 ft SE of Tookany Creek Pky &amp; Carter Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.23 (mi <sup>2</sup> )
A	Reach length	1675 (ft)
T	Distance to US XS/Headwaters	2242 (ft)
I	Distance to DS XS/Confluence	1047 (ft)
S	Drainage Area Imperviousness	25.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	18.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	5
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	2
R	Culvert Length - ft within reach	204
E	% Culverted within reach	12.2
S	% Channelized within reach	14.9

S	P	Outfalls	6 / 25
T	A	Culverts	9 / 20
A	R	Channelization	6 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	3 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R  
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G

Total Score	75 / 155
Stability Score	32 / 100
Habitat Score	43 / 55
Priority In Shed	30 / 102
Priority In Tributary	14 / 50

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Upstream Drainage Area	0.08 (mi <sup>2</sup> )
Reach length	879 (ft)
Distance to US XS/Headwaters	1047 (ft)
Distance to DS XS/Confluence	741 (ft)
Drainage Area Imperviousness	10.6 (%)
Shed Imperviousness	48.5 (%)
Total Tributary Length	62107 (ft)
Outfall Area	7.1 (ft <sup>2</sup> )

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Y  
S

Outfalls	2 / 25
Culverts	0 / 20
Channelization	10 / 15
Infrastructure Pts	1 / 5
Shear Stress	3 / 10
Channel Type	2 / 5
Reach Bed Stability	5 / 5
Bed Materials	3 / 5
Bank Erosion	3 / 5
Entrenchment Ratio	3 / 5

I  
N  
F  
O

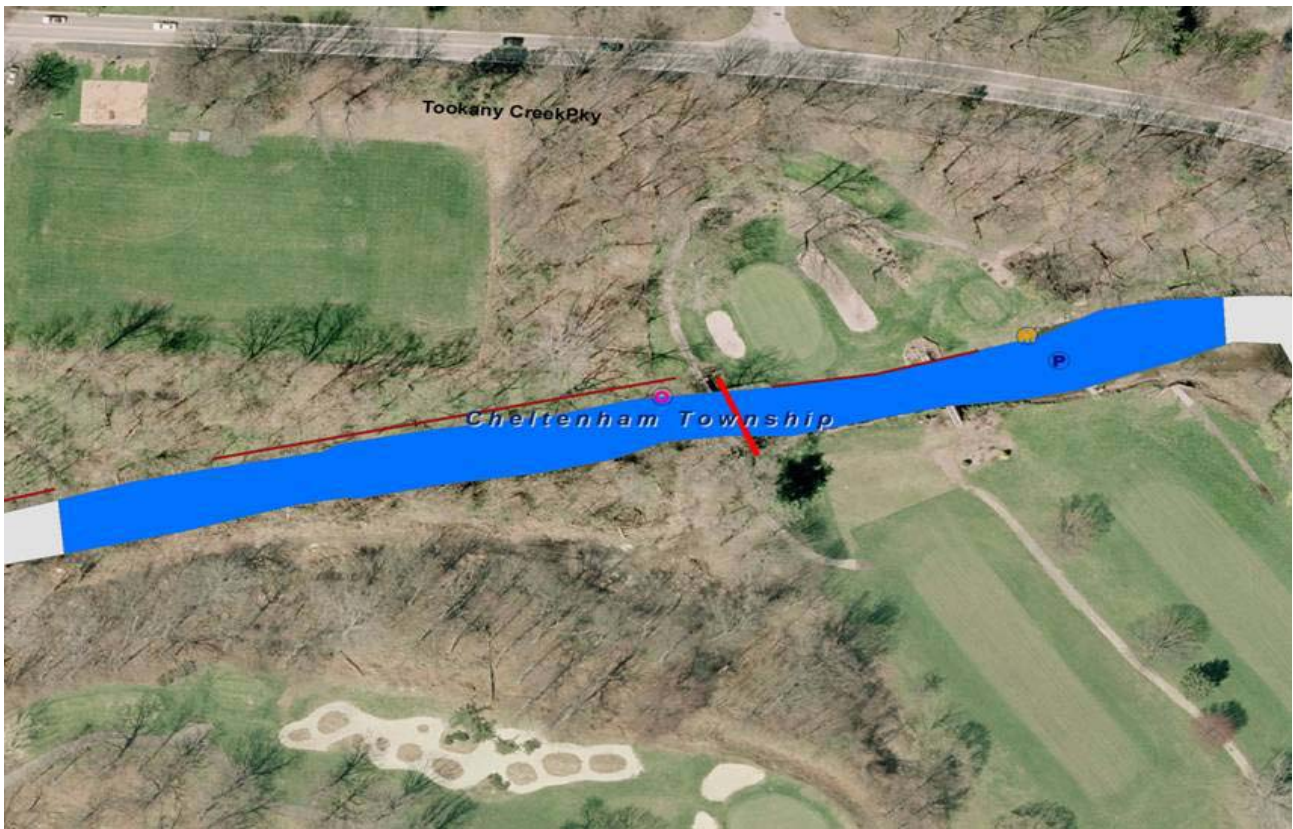
<b>MS46</b>
<u>Tookany Creek</u>
<u>1000 ft SE of Tookany Creek Pky &amp; Carter Ln</u>
<u>Cheltenham Township</u>

S  
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C  
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U  
R  
E  
S

Dams - # within reach	0
Pipes - # within reach	1
Bridges - # within reach	0
Outfalls - # within reach	1
Manholes - # within reach	1
Confluences - # within reach	0
Culverts - # within reach	0
Culvert Length - ft within reach	0
% Culverted within reach	0.0
% Channelized within reach	28.7

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Riparian Width - DSR	5 / 5
Riparian Width - DSL	5 / 5
Riparian Composition - DSR	4 / 5
Riparian Composition - DSL	4 / 5
Canopy Cover - DSR	5 / 5
Canopy Cover - DSL	5 / 5
Bed Materials	2 / 5
Sediment Supply	3 / 5
Sinuosity	5 / 5
Woody Debris	5 / 5
Attachment Sites	0 / 5



R		
A	Total Score	65 / 155
N	Stability Score	28 / 100
K	Habitat Score	37 / 55
I	Priority In Shed	57 / 102
N	Priority In Tributary	27 / 50
G		

I	<b>MS48</b>
N	<u>Tookany Creek</u>
F	<u>900 ft WNW of Tookany Creek Pky &amp; Jenkintown Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.03 (mi <sup>2</sup> )
A	Reach length	413 (ft)
T	Distance to US XS/Headwaters	741 (ft)
I	Distance to DS XS/Confluence	85 (ft)
S	Drainage Area Imperviousness	12.2 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	7.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	2 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	68 / 155
N	Stability Score	36 / 100
K	Habitat Score	32 / 55
I	Priority In Shed	47 / 102
N	Priority In Tributary	21 / 50
G		

I	<b>MS50</b>
N	<u>Tookany Creek</u>
F	<u>825 ft W of Tookany Creek Pky &amp; Jenkintown Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.01 (mi <sup>2</sup> )
A	Reach length	523 (ft)
T	Distance to US XS/Headwaters	85 (ft)
I	Distance to DS XS/Confluence	962 (ft)
S	Drainage Area Imperviousness	3.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	3.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	44.7

S	P	Outfalls	1 / 25
T	A	Culverts	0 / 20
A	R	Channelization	12 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	67 / 155
N	Stability Score	31 / 100
K	Habitat Score	36 / 55
I	Priority In Shed	50 / 102
N	Priority In Tributary	23 / 50
G		

I	<b>MS52</b>
N	<u>Tookany Creek</u>
F	<u>250 ft S of Tookany Creek Pky &amp; Jenkintown Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.12 (mi <sup>2</sup> )
A	Reach length	1071 (ft)
T	Distance to US XS/Headwaters	962 (ft)
I	Distance to DS XS/Confluence	1188 (ft)
S	Drainage Area Imperviousness	2.5 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	7.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	2
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	28.4

S	P	Outfalls	2 / 25
T	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

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	61 / 155
N	Stability Score	30 / 100
K	Habitat Score	31 / 55
I	Priority In Shed	64 / 102
N	Priority In Tributary	30 / 50
G		

I	<b>MS54</b>	
N	<u>Tookany Creek</u>	
F	<u>800 ft ESE of Tookany Creej Pky &amp; Beryl Rd</u>	
O	<u>Cheltenham Township</u>	

S		
T	Upstream Drainage Area	0.04 (mi <sup>2</sup> )
A	Reach length	1004 (ft)
T	Distance to US XS/Headwaters	1188 (ft)
I	Distance to DS XS/Confluence	820 (ft)
S	Drainage Area Imperviousness	18.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	22.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	53 / 155
N	Stability Score	29 / 100
K	Habitat Score	24 / 55
I	Priority In Shed	81 / 102
N	Priority In Tributary	38 / 50
G		

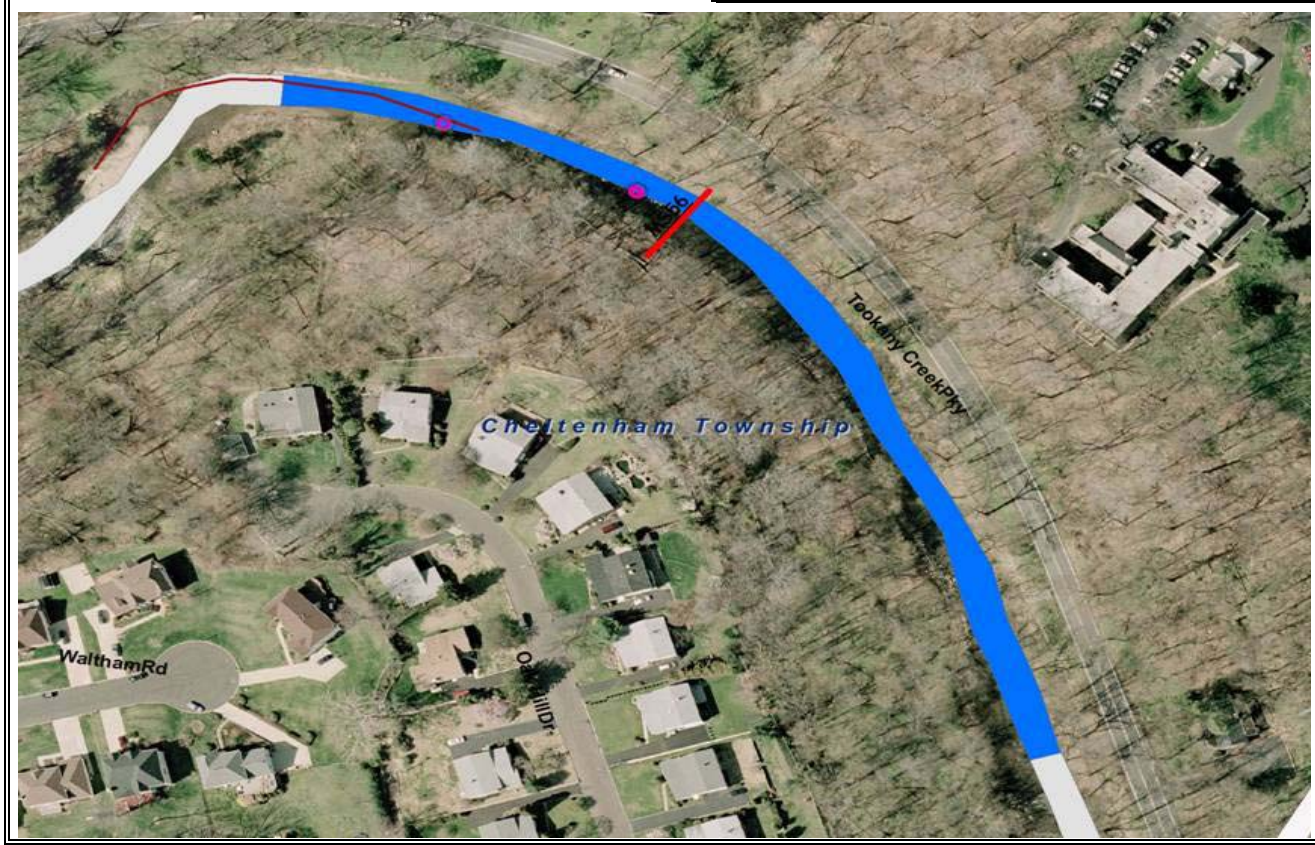
I	<b>MS56</b>
N	<u>Tookany Creek</u>
F	<u>950 ft S of Yew Rd &amp; Krewson Ln</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.08 (mi <sup>2</sup> )
A	Reach length	1122 (ft)
T	Distance to US XS/Headwaters	820 (ft)
I	Distance to DS XS/Confluence	1485 (ft)
S	Drainage Area Imperviousness	18.3 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	14.9 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	8.6

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	4 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	70 / 155
N	Stability Score	40 / 100
K	Habitat Score	30 / 55
I	Priority In Shed	39 / 102
N	Priority In Tributary	18 / 50
G		

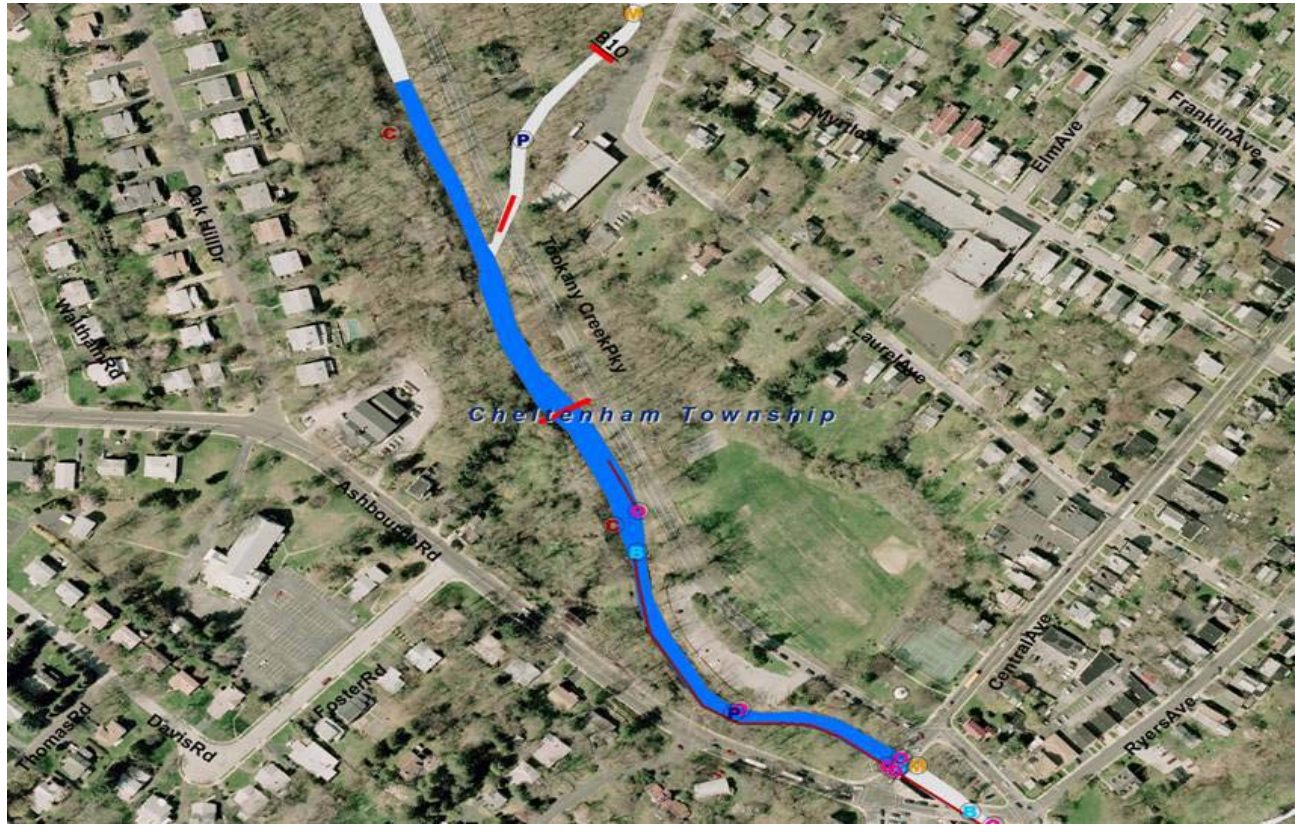
I	<b>MS58</b>
N	<u>Tookany Creek</u>
F	<u>475 ft NNE of Ashbourne Rd &amp; Foster Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.10 (mi <sup>2</sup> )
A	Reach length	1845 (ft)
T	Distance to US XS/Headwaters	1485 (ft)
I	Distance to DS XS/Confluence	2143 (ft)
S	Drainage Area Imperviousness	22.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	19.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	2
U	Outfalls - # within reach	5
C	Manholes - # within reach	0
T	Confluences - # within reach	2
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	23.6

S	P	Outfalls	6 / 25
T	A	Culverts	0 / 20
A	R	Channelization	10 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	63 / 155
N	Stability Score	36 / 100
K	Habitat Score	27 / 55
I	Priority In Shed	60 / 102
N	Priority In Tributary	28 / 50
G		

I	<b>MS60</b>
N	<u>Tookany Creek</u>
F	<u>150 ft W of Laurel Ave &amp; Myrtle Ave</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.21 (mi <sup>2</sup> )
A	Reach length	1599 (ft)
T	Distance to US XS/Headwaters	2143 (ft)
I	Distance to DS XS/Confluence	947 (ft)
S	Drainage Area Imperviousness	35.6 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	14.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	2
U	Outfalls - # within reach	4
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	15.6

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	8 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	3 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	45 / 155
N	Stability Score	26 / 100
K	Habitat Score	19 / 55
I	Priority In Shed	99 / 102
N	Priority In Tributary	48 / 50
G		

I	<b>MS62</b>
N	<u>Tookany Creek</u>
F	<u>600 ft SE of Boyer Rd &amp; Gilbert Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.09 (mi <sup>2</sup> )
A	Reach length	980 (ft)
T	Distance to US XS/Headwaters	947 (ft)
I	Distance to DS XS/Confluence	1013 (ft)
S	Drainage Area Imperviousness	29.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	7.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	2
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	2 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	0 / 5
B	A	Riparian Composition - DSL	0 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	68 / 155
N	Stability Score	30 / 100
K	Habitat Score	38 / 55
I	Priority In Shed	47 / 102
N	Priority In Tributary	21 / 50
G		

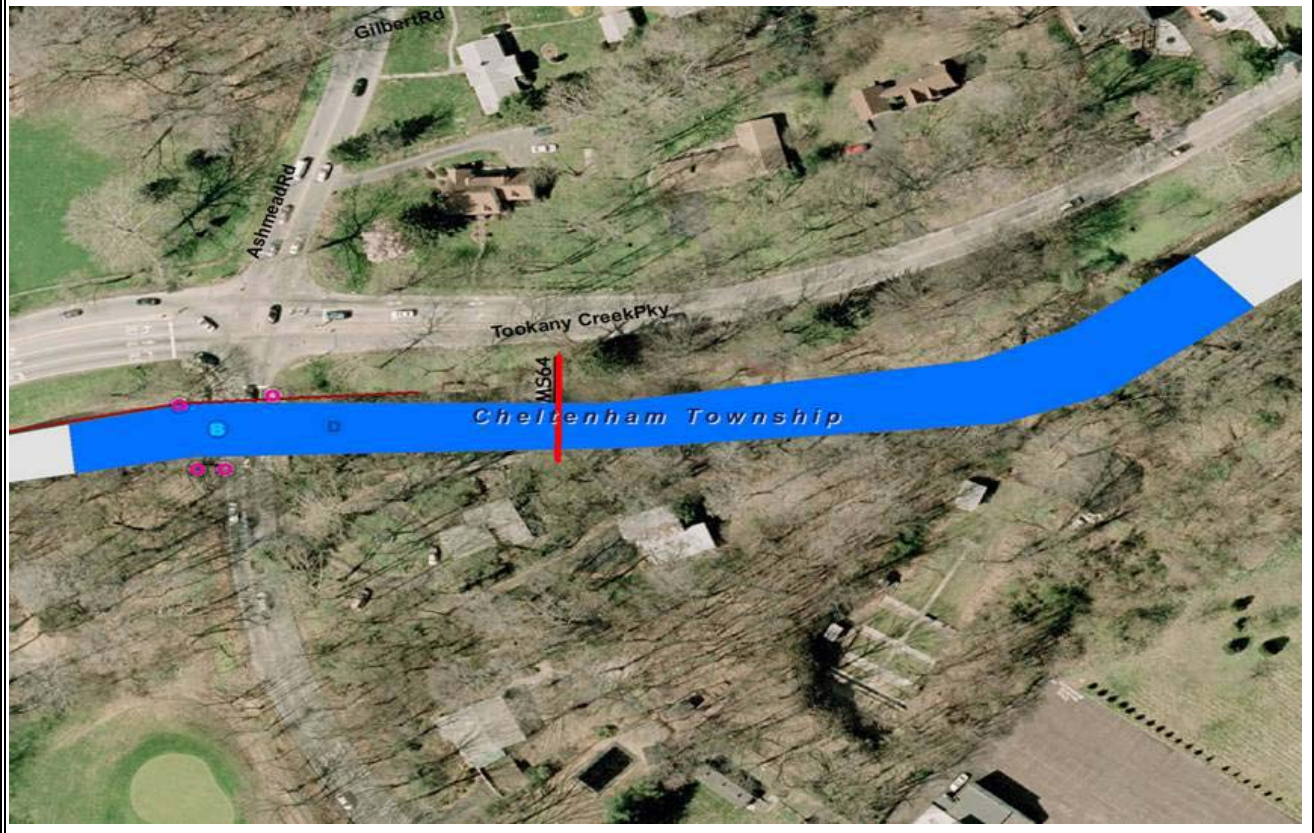
I	<b>MS64</b>
N	<u>Tookany Creek</u>
F	<u>350 ft SE of Ashmead Rd &amp; Gilbert Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.09 (mi <sup>2</sup> )
A	Reach length	857 (ft)
T	Distance to US XS/Headwaters	1013 (ft)
I	Distance to DS XS/Confluence	701 (ft)
S	Drainage Area Imperviousness	31.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	10.8 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	14.8

S	P	Outfalls	4 / 25
T	A	Culverts	0 / 20
A	R	Channelization	6 / 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	5 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	66 / 155
N	Stability Score	31 / 100
K	Habitat Score	35 / 55
I	Priority In Shed	53 / 102
N	Priority In Tributary	25 / 50
G		

I	<b>MS70</b>
N	<u>Tookany Creek</u>
F	<u>425 ft SW of Tookany Creek Pky &amp; Ashmead Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.09 (mi <sup>2</sup> )
A	Reach length	904 (ft)
T	Distance to US XS/Headwaters	701 (ft)
I	Distance to DS XS/Confluence	1108 (ft)
S	Drainage Area Imperviousness	18.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	3.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	45.7

S	P	Outfalls	1 / 25
T	A	Culverts	0 / 20
A	R	Channelization	12 / 15
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	E	Bed Materials	2 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	3 / 5



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 Tributary	31 / 50
G		

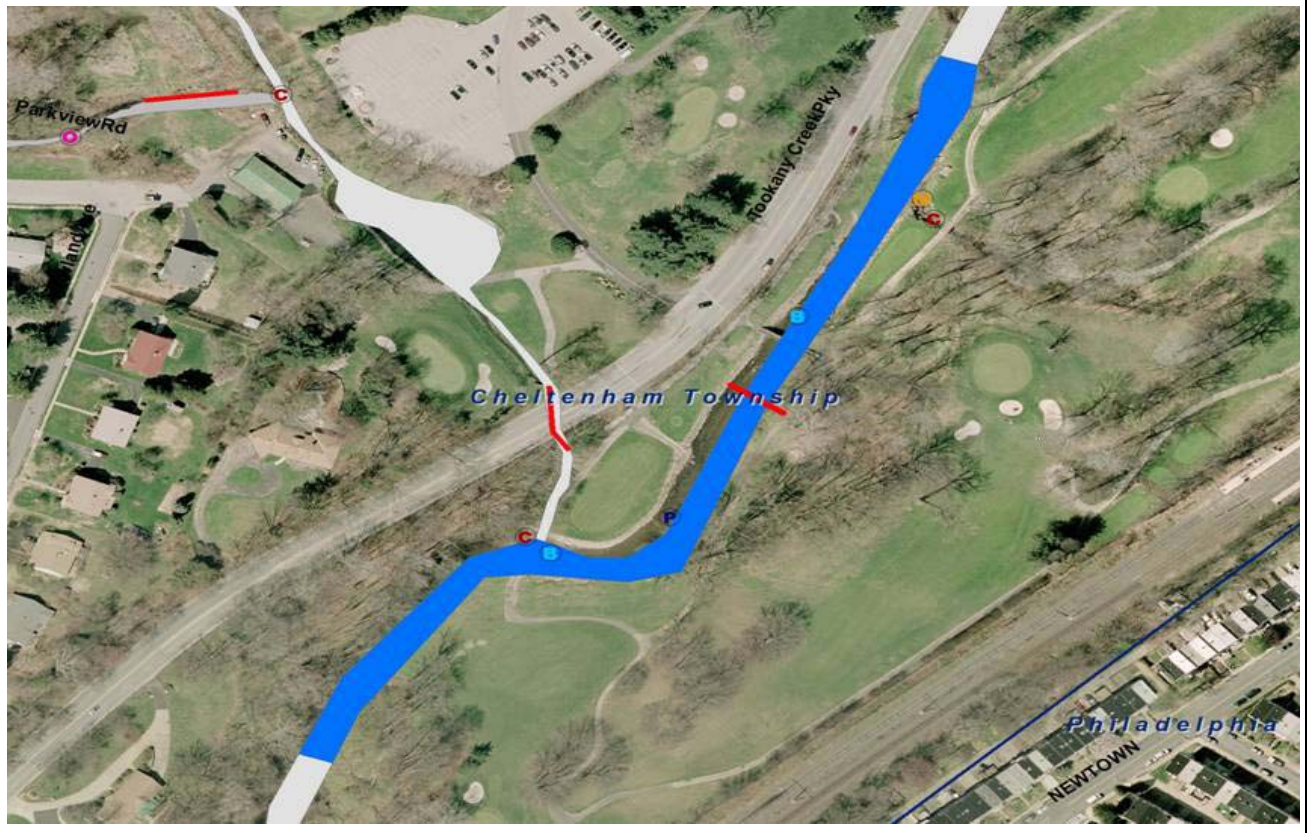
I	<b>MS72</b>
N	<u>Tookany Creek</u>
F	<u>1300 ft NE of Tookany Creek Pky &amp; Johns Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.14 (mi <sup>2</sup> )
A	Reach length	1383 (ft)
T	Distance to US XS/Headwaters	1108 (ft)
I	Distance to DS XS/Confluence	1659 (ft)
S	Drainage Area Imperviousness	30.4 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	2
U	Outfalls - # within reach	0
C	Manholes - # within reach	1
T	Confluences - # within reach	2
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	2 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	49 / 155
N	Stability Score	26 / 100
K	Habitat Score	23 / 55
I	Priority In Shed	93 / 102
N	Priority In Tributary	43 / 50
G		

I	<b>MS74</b>
N	<u>Tookany Creek</u>
F	<u>500 ft SSE of Tookany Creek Pky &amp; Johns Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.42 (mi <sup>2</sup> )
A	Reach length	1113 (ft)
T	Distance to US XS/Headwaters	1659 (ft)
I	Distance to DS XS/Confluence	567 (ft)
S	Drainage Area Imperviousness	34.9 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	0 / 5
B	A	Riparian Composition - DSL	0 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	0 / 5
		Attachment Sites	3 / 5



R		
A	Total Score	48 / 155
N	Stability Score	26 / 100
K	Habitat Score	22 / 55
I	Priority In Shed	95 / 102
N	Priority In Tributary	45 / 50
G		

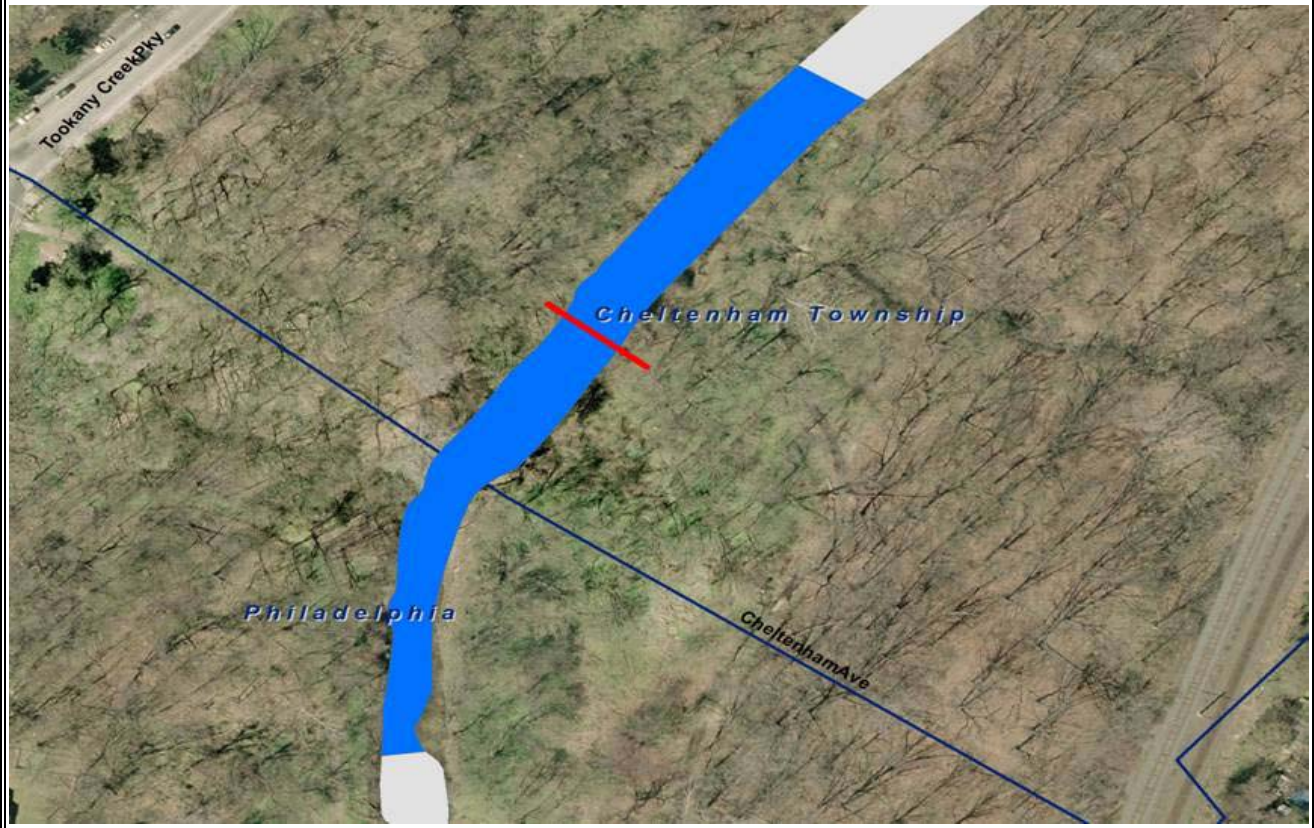
I	<b>MS76</b>	
N	<u>Tookany Creek</u>	
F	<u>425 ft SE of Tookany Creek Pky &amp; Cheltenham Ave</u>	
O	<u>Cheltenham Township</u>	

S		
T	Upstream Drainage Area	0.05 (mi <sup>2</sup> )
A	Reach length	698 (ft)
T	Distance to US XS/Headwaters	567 (ft)
I	Distance to DS XS/Confluence	830 (ft)
S	Drainage Area Imperviousness	25.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	0 / 5
B	A	Riparian Composition - DSL	0 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	39 / 155
N	Stability Score	16 / 100
K	Habitat Score	23 / 55
I	Priority In Shed	101 / 102
N	Priority In Tributary	50 / 50
G		

I	<b>MS78</b>	
N	<u>Tacony Creek</u>	
F	900 ft SSE of Tookany Creek Pky & Cheltenham Rd	
O	<u>Philadelphia</u>	

S		
T	Upstream Drainage Area	0.03 (mi <sup>2</sup> )
A	Reach length	946 (ft)
T	Distance to US XS/Headwaters	830 (ft)
I	Distance to DS XS/Confluence	1062 (ft)
S	Drainage Area Imperviousness	17.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
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
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	3 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	72 / 155
N	Stability Score	27 / 100
K	Habitat Score	45 / 55
I	Priority In Shed	34 / 102
N	Priority In Tributary	16 / 50
G		

I	<b>MS80</b>
N	<u>Tacony Creek</u>
F	<u>250 ft ESE of Godfrey Ave &amp; Champlost St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.37 (mi <sup>2</sup> )
A	Reach length	713 (ft)
T	Distance to US XS/Headwaters	1062 (ft)
I	Distance to DS XS/Confluence	363 (ft)
S	Drainage Area Imperviousness	52.0 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	16.6 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	2
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	36
E	% Culverted within reach	5.1
S	% Channelized within reach	0.0

S	P	Outfalls	6 / 25
T	A	Culverts	6 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	56 / 155
N	Stability Score	23 / 100
K	Habitat Score	33 / 55
I	Priority In Shed	74 / 102
N	Priority In Tributary	35 / 50
G		

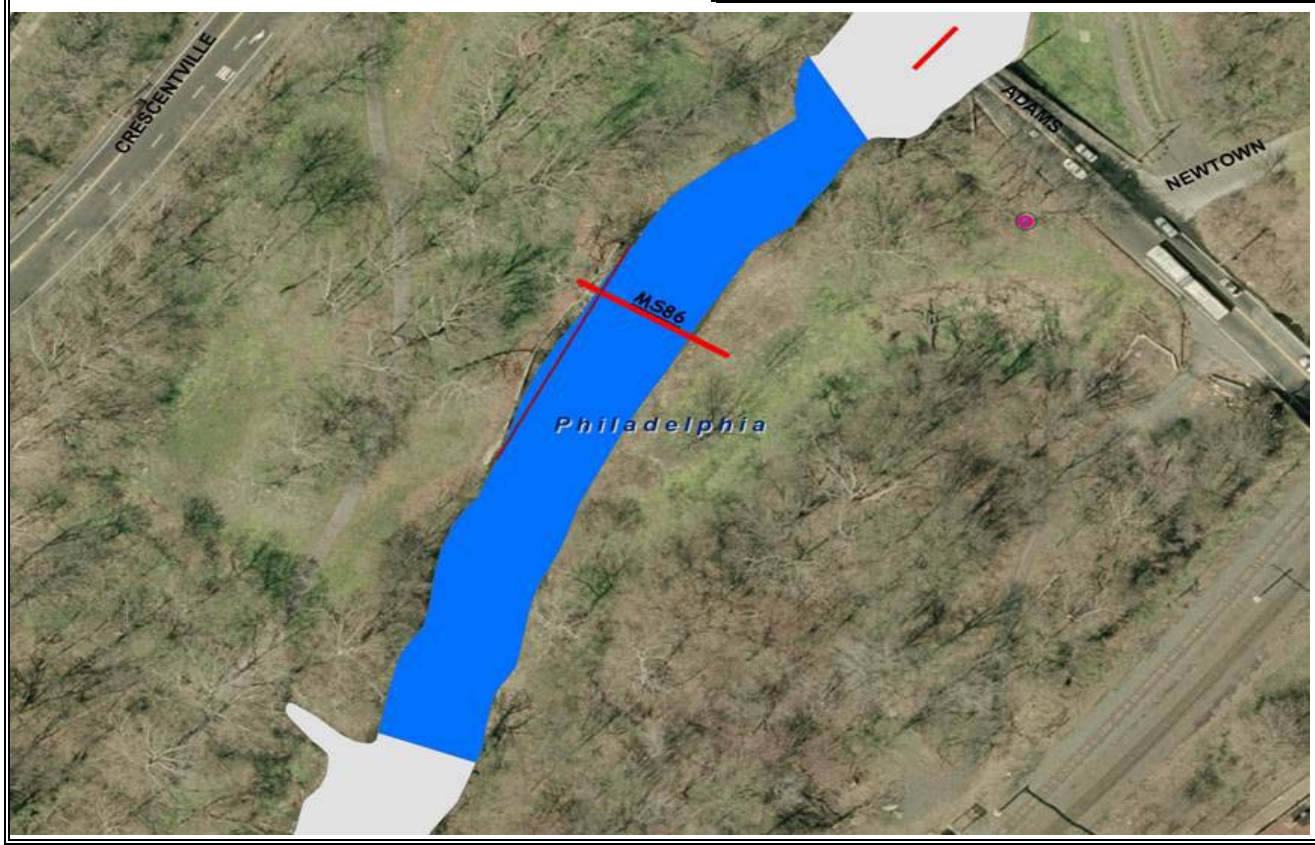
I	<b>MS86</b>
N	<u>Tacony Creek</u>
F	<u>425 ft S of Godfrey Ave &amp; Champlost St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.01 (mi <sup>2</sup> )
A	Reach length	497 (ft)
T	Distance to US XS/Headwaters	363 (ft)
I	Distance to DS XS/Confluence	631 (ft)
S	Drainage Area Imperviousness	27.7 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	4.9 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	16.1

S	P	Outfalls	1 / 25
T	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	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	83 / 155
N	Stability Score	53 / 100
K	Habitat Score	30 / 55
I	Priority In Shed	15 / 102
N	Priority In Tributary	5 / 50
G		

I	<b>MS88</b>
N	<u>Tacony Creek</u>
F	<u>700 ft NE of Nedro St &amp; Hammond Ave</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.17 (mi <sup>2</sup> )
A	Reach length	1485 (ft)
T	Distance to US XS/Headwaters	631 (ft)
I	Distance to DS XS/Confluence	2384 (ft)
S	Drainage Area Imperviousness	69.1 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	165.7 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	204
E	% Culverted within reach	13.8
S	% Channelized within reach	14.6

S	P	Outfalls	24 / 25
T	A	Culverts	9 / 20
A	R	Channelization	6 / 15
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
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	3 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R A N K I N G	<b>Total Score</b>	76 / 155
	<b>Stability Score</b>	48 / 100
	<b>Habitat Score</b>	28 / 55
	<b>Priority In Shed</b>	26 / 102
	<b>Priority In Tributary</b>	12 / 50

I N F O	<b>MS94</b>
	<u>Tacony Creek</u>
	<u>300 ft SW of Bingham St &amp; Garland St</u>
	<u>Philadelphia</u>

S T A T I S T I C S	<b>Upstream Drainage Area</b>	0.83 (mi <sup>2</sup> )
	<b>Reach length</b>	1642 (ft)
	<b>Distance to US XS/Headwaters</b>	2384 (ft)
	<b>Distance to DS XS/Confluence</b>	900 (ft)
	<b>Drainage Area Imperviousness</b>	67.8 (%)
	<b>Shed Imperviousness</b>	48.5 (%)
	<b>Total Tributary Length</b>	62107 (ft)
	<b>Outfall Area</b>	67.0 (ft <sup>2</sup> )

S T R U C T U R E S	<b>Dams - # within reach</b>	0
	<b>Pipes - # within reach</b>	2
	<b>Bridges - # within reach</b>	0
	<b>Outfalls - # within reach</b>	7
	<b>Manholes - # within reach</b>	5
	<b>Confluences - # within reach</b>	0
	<b>Culverts - # within reach</b>	1
	<b>Culvert Length - ft within reach</b>	114
	<b>% Culverted within reach</b>	6.9
	<b>% Channelized within reach</b>	0.0

S T A B I L I T Y S	<b>Outfalls</b>	18 / 25
	<b>Culverts</b>	6 / 20
	<b>Channelization</b>	0 / 15
	<b>Infrastructure Pts</b>	2 / 5
	<b>Shear Stress</b>	3 / 10
	<b>Channel Type</b>	5 / 5
	<b>Reach Bed Stability</b>	3 / 5
	<b>Bed Materials</b>	3 / 5
	<b>Bank Erosion</b>	3 / 5
	<b>Entrenchment Ratio</b>	5 / 5

P H A B I T A T U R E S	<b>Riparian Width - DSR</b>	1 / 5
	<b>Riparian Width - DSL</b>	3 / 5
	<b>Riparian Composition - DSR</b>	1 / 5
	<b>Riparian Composition - DSL</b>	1 / 5
	<b>Canopy Cover - DSR</b>	4 / 5
	<b>Canopy Cover - DSL</b>	5 / 5
	<b>Bed Materials</b>	2 / 5
	<b>Sediment Supply</b>	5 / 5
	<b>Sinuosity</b>	5 / 5
	<b>Woody Debris</b>	1 / 5
	<b>Attachment Sites</b>	0 / 5



R		
A	Total Score	54 / 155
N	Stability Score	28 / 100
K	Habitat Score	26 / 55
I	Priority In Shed	79 / 102
N	Priority In Tributary	36 / 50
G		

I	<b>MS100</b>
N	<u>Tacony Creek</u>
F	<u>525 ft NE of Olney Ave &amp; Tabor Rd</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.02 (mi <sup>2</sup> )
A	Reach length	1066 (ft)
T	Distance to US XS/Headwaters	900 (ft)
I	Distance to DS XS/Confluence	1233 (ft)
S	Drainage Area Imperviousness	17.2 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	9.4 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	3
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	2 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	1 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	85 / 155
N	Stability Score	62 / 100
K	Habitat Score	23 / 55
I	Priority In Shed	13 / 102
N	Priority In Tributary	3 / 50
G		

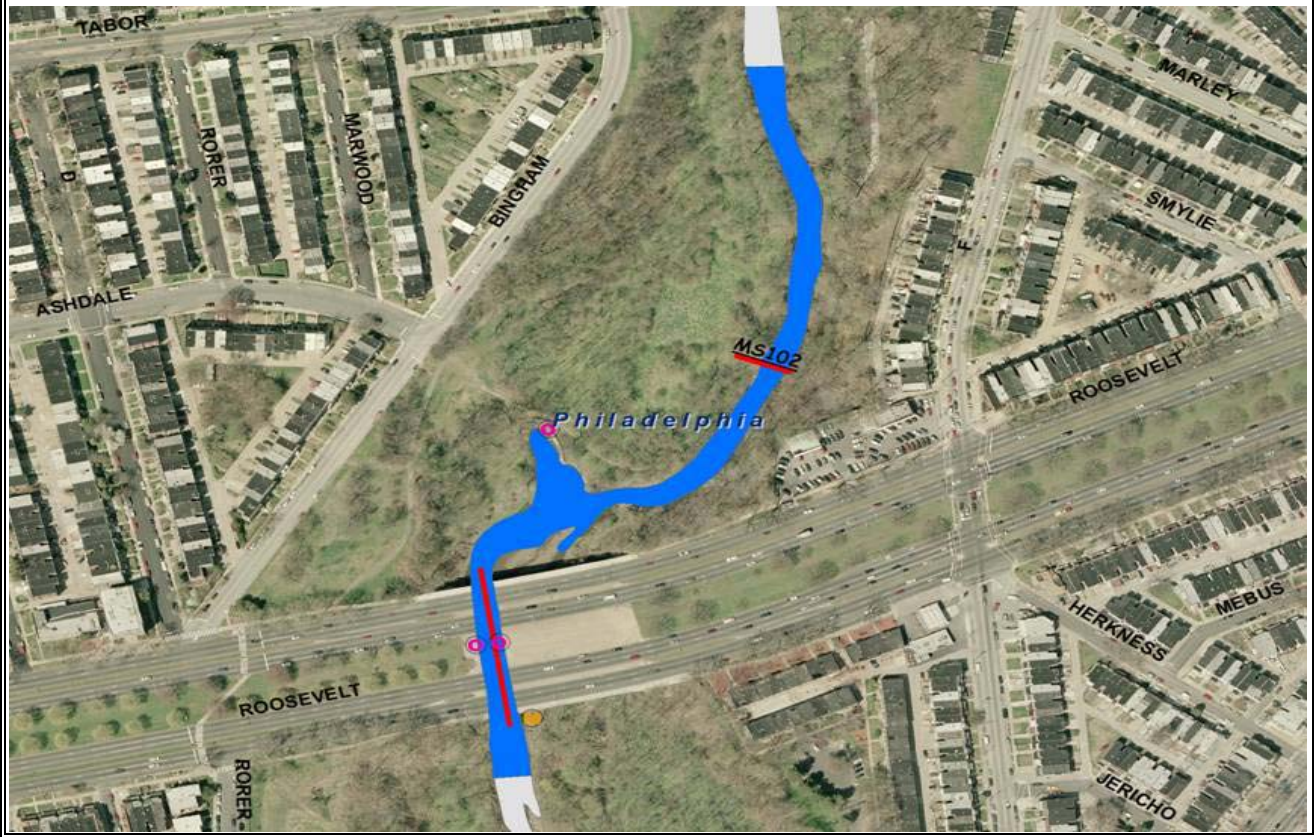
I	<b>MS102</b>
N	<u>Tacony Creek</u>
F	<u>325 ft NW of Roosevelt Blvd &amp; F St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.06 (mi <sup>2</sup> )
A	Reach length	1719 (ft)
T	Distance to US XS/Headwaters	1233 (ft)
I	Distance to DS XS/Confluence	2205 (ft)
S	Drainage Area Imperviousness	45.4 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	138.2 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	3
C	Manholes - # within reach	1
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	319
E	% Culverted within reach	18.5
S	% Channelized within reach	0.0

S	P	Outfalls	22 / 25
T	A	Culverts	12 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	4 / 5
T	E	Bed Materials	5 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	4 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	0 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	48 / 155
N	Stability Score	29 / 100
K	Habitat Score	19 / 55
I	Priority In Shed	95 / 102
N	Priority In Tributary	45 / 50
G		

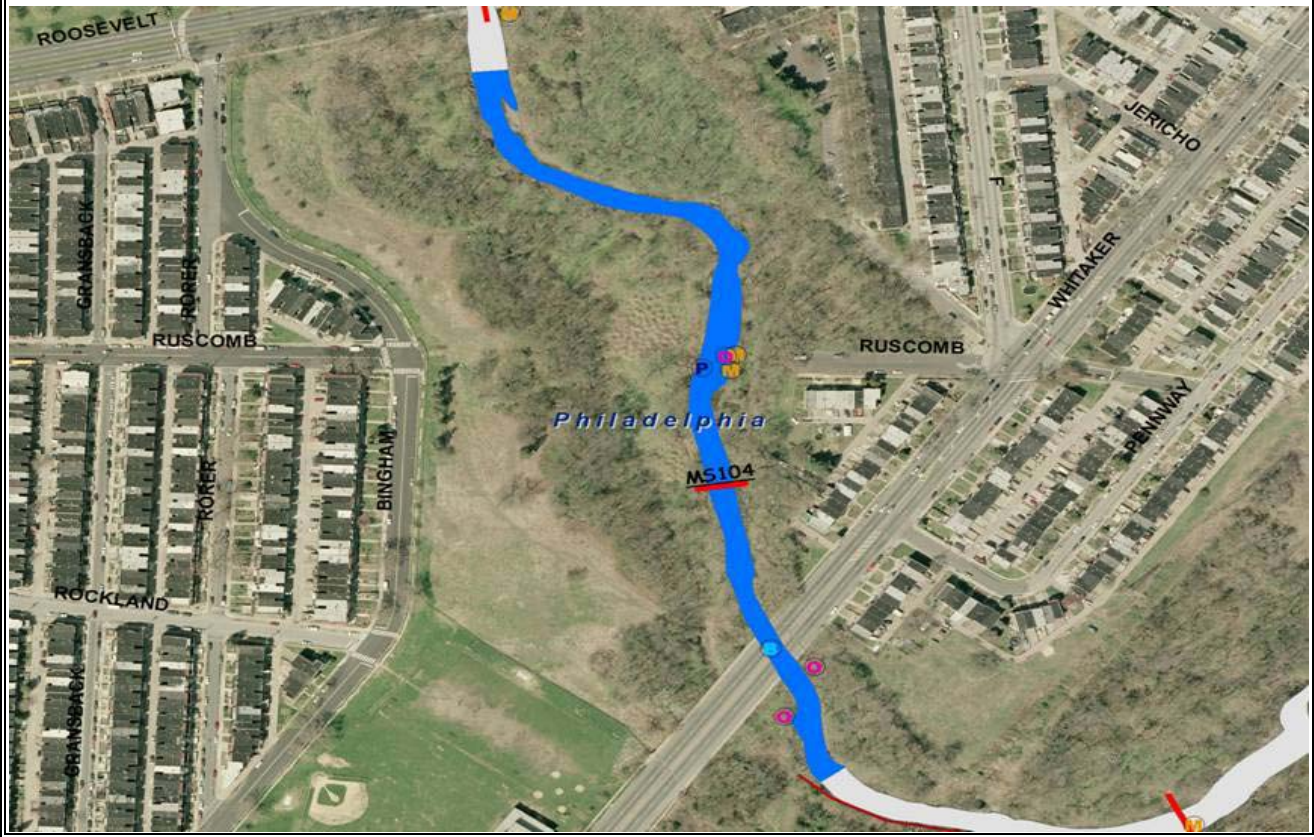
I	<b>MS104</b>
N	<u>Tacony Creek</u>
F	<u>300 ft WNW of Whitaker Ave &amp; Pennway St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	3.29 (mi <sup>2</sup> )
A	Reach length	1724 (ft)
T	Distance to US XS/Headwaters	2205 (ft)
I	Distance to DS XS/Confluence	1243 (ft)
S	Drainage Area Imperviousness	66.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	24.5 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	1
R	Bridges - # within reach	1
U	Outfalls - # within reach	3
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	1.0

S	P	Outfalls	10 / 25
T	A	Culverts	0 / 20
A	R	Channelization	2 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	0 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	1 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	1 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	43 / 155
N	Stability Score	19 / 100
K	Habitat Score	24 / 55
I	Priority In Shed	100 / 102
N	Priority In Tributary	49 / 50
G		

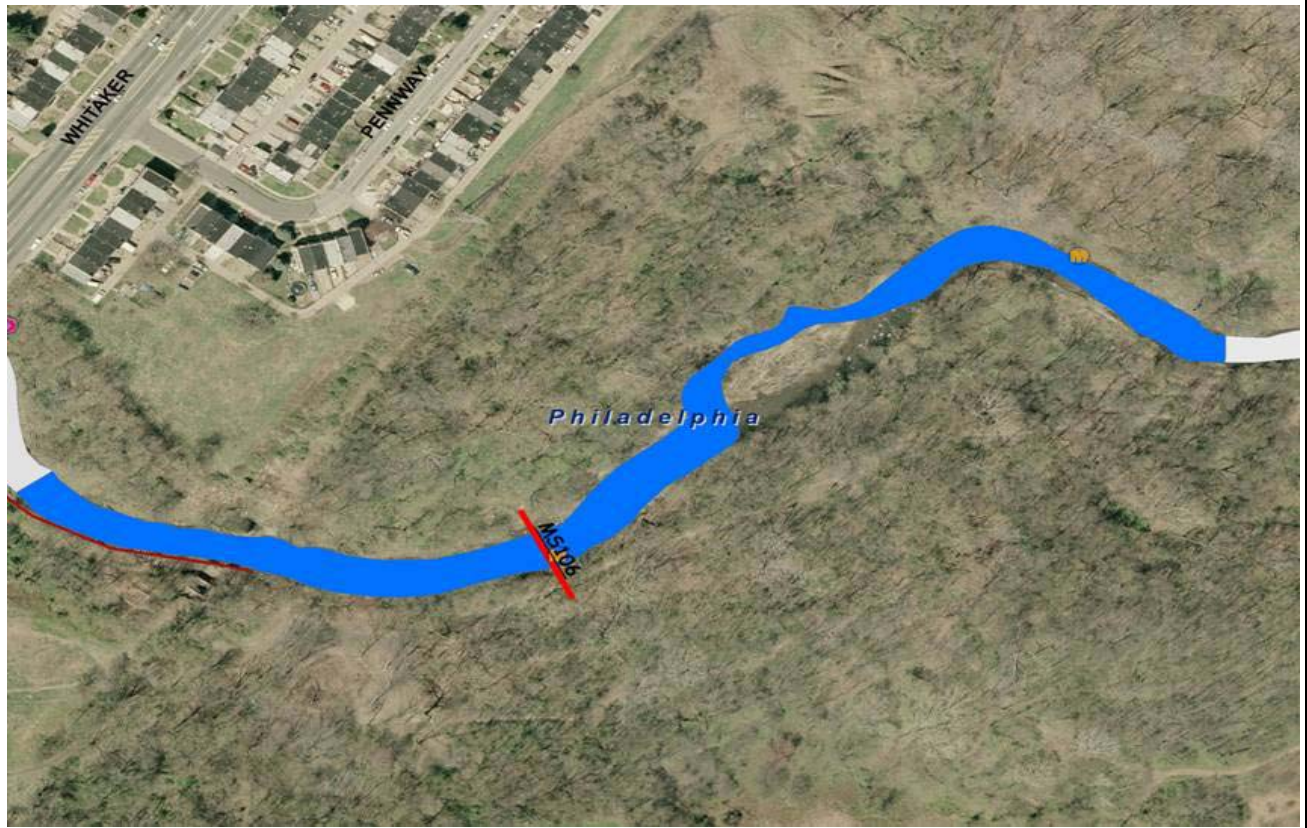
I	<b>MS106</b>
N	<u>Tacony Creek</u>
F	<u>775 ft SE of Whitaker Ave &amp; Pennway St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.23 (mi <sup>2</sup> )
A	Reach length	1649 (ft)
T	Distance to US XS/Headwaters	1243 (ft)
I	Distance to DS XS/Confluence	2055 (ft)
S	Drainage Area Imperviousness	65.7 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	2
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	9.3

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	4 / 15
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
T	E	Bed Materials	2 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	49 / 155
N	Stability Score	21 / 100
K	Habitat Score	28 / 55
I	Priority In Shed	93 / 102
N	Priority In Tributary	43 / 50
G		

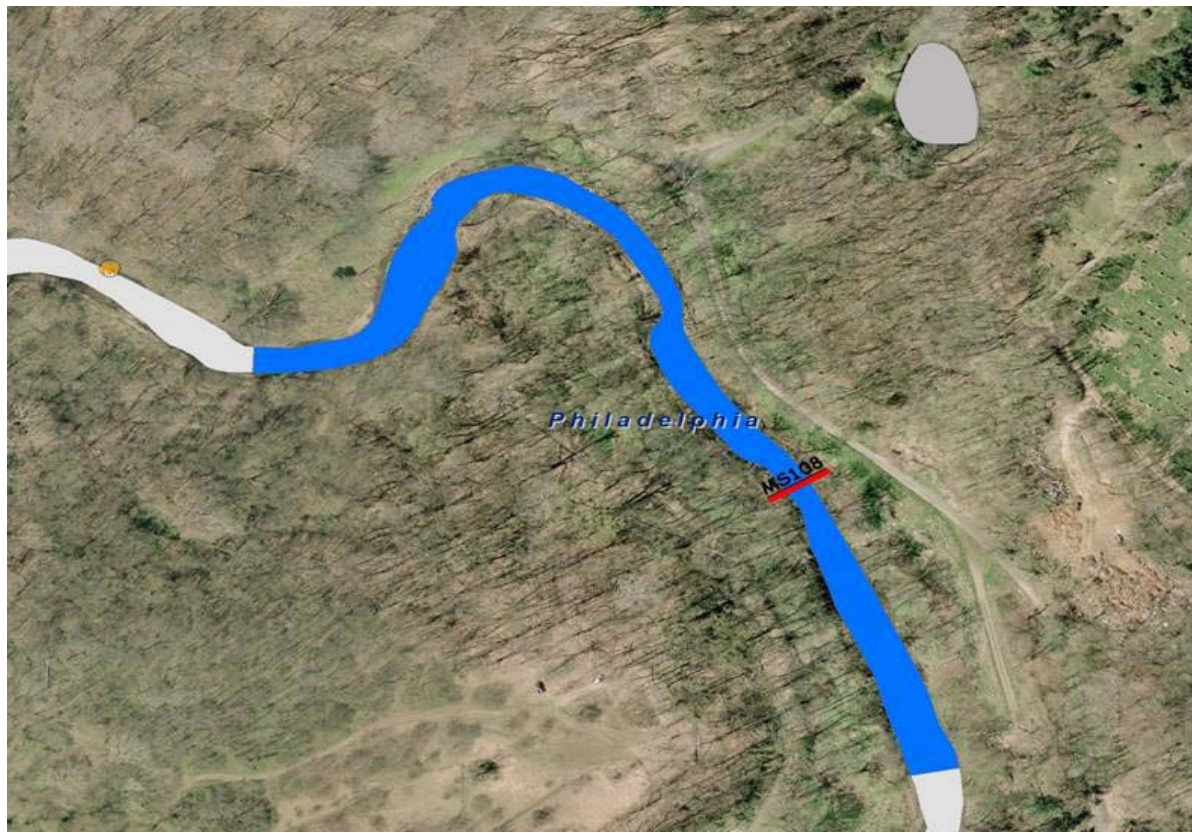
I	<b>MS108</b>
N	<u>Tacony Creek</u>
F	<u>950 ft NW of I St &amp; Ramona Ave</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.17 (mi <sup>2</sup> )
A	Reach length	1464 (ft)
T	Distance to US XS/Headwaters	2055 (ft)
I	Distance to DS XS/Confluence	872 (ft)
S	Drainage Area Imperviousness	18.3 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	0 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	2 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	3 / 5

P	Riparian Width - DSR	0 / 5	
H	A	Riparian Width - DSL	0 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	4 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R  
A  
N  
K  
I  
N  
G

Total Score	58 / 155
Stability Score	31 / 100
Habitat Score	27 / 55
Priority In Shed	72 / 102
Priority In Tributary	33 / 50

I  
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O

<b>MS110</b>
<u>Tacony Creek</u>
<u>900 ft SW of I St &amp; Ramona Ave</u>
<u>Philadelphia</u>

S  
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C  
S

Upstream Drainage Area	0.13 (mi <sup>2</sup> )
Reach length	906 (ft)
Distance to US XS/Headwaters	872 (ft)
Distance to DS XS/Confluence	939 (ft)
Drainage Area Imperviousness	15.4 (%)
Shed Imperviousness	48.5 (%)
Total Tributary Length	62107 (ft)
Outfall Area	3.1 (ft <sup>2</sup> )

S  
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S

Dams - # within reach	0
Pipes - # within reach	0
Bridges - # within reach	0
Outfalls - # within reach	1
Manholes - # within reach	0
Confluences - # within reach	0
Culverts - # within reach	1
Culvert Length - ft within reach	50
% Culverted within reach	5.5
% Channelized within reach	0.0

S  
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S

Outfalls	1 / 25
Culverts	6 / 20
Channelization	0 / 15
Infrastructure Pts	0 / 5
Shear Stress	3 / 10
Channel Type	5 / 5
Reach Bed Stability	3 / 5
Bed Materials	3 / 5
Bank Erosion	5 / 5
Entrenchment Ratio	5 / 5

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Riparian Width - DSR	3 / 5
Riparian Width - DSL	1 / 5
Riparian Composition - DSR	3 / 5
Riparian Composition - DSL	3 / 5
Canopy Cover - DSR	1 / 5
Canopy Cover - DSL	1 / 5
Bed Materials	2 / 5
Sediment Supply	5 / 5
Sinuosity	5 / 5
Woody Debris	3 / 5
Attachment Sites	0 / 5



R		
A	Total Score	58 / 155
N	Stability Score	27 / 100
K	Habitat Score	31 / 55
I	Priority In Shed	72 / 102
N	Priority In Tributary	33 / 50
G		

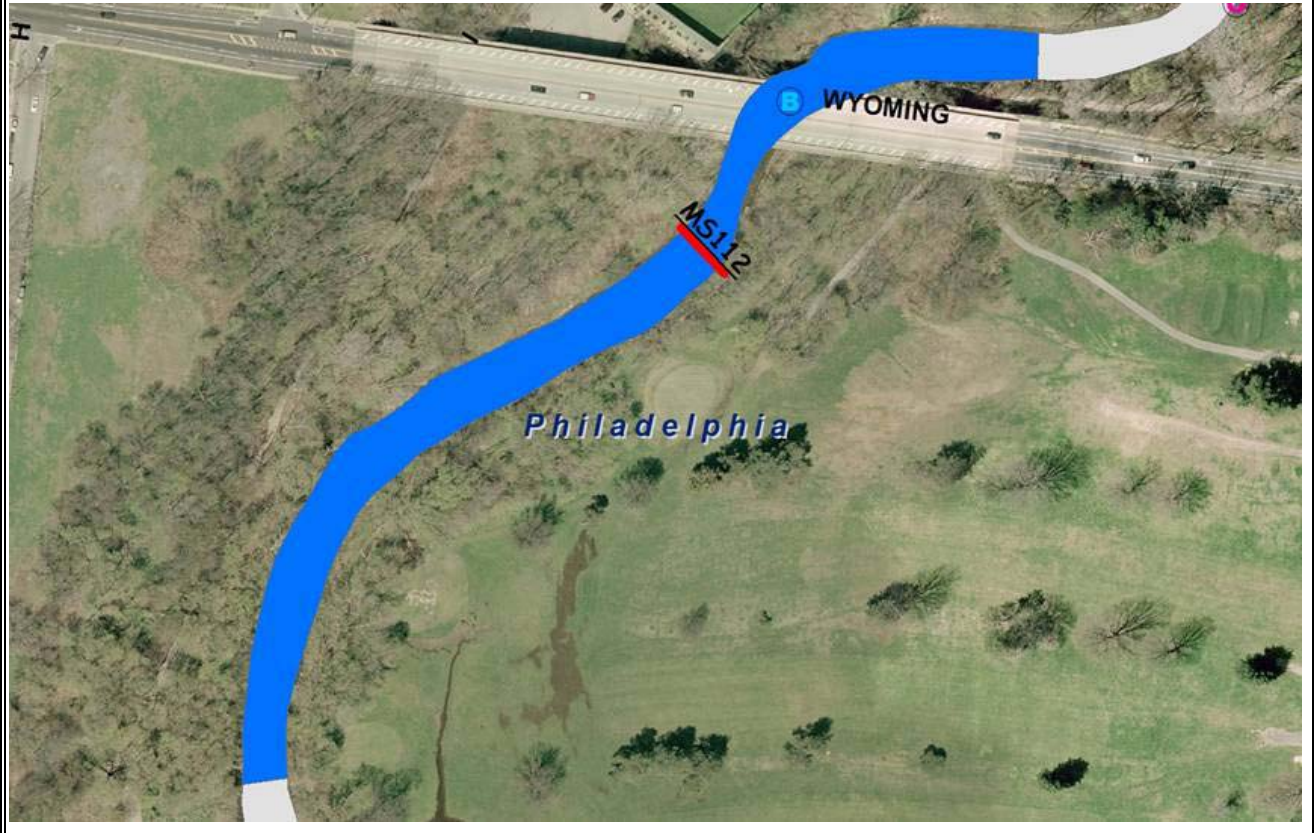
I	<b>MS112</b>
N	<u>Tacony Creek</u>
F	<u>300 ft SE of I St &amp; Wyoming Ave</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.04 (mi <sup>2</sup> )
A	Reach length	1259 (ft)
T	Distance to US XS/Headwaters	939 (ft)
I	Distance to DS XS/Confluence	1807 (ft)
S	Drainage Area Imperviousness	18.6 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	0.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	0
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	0 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	3 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5





R		
A	Total Score	83 / 155
N	Stability Score	50 / 100
K	Habitat Score	33 / 55
I	Priority In Shed	15 / 102
N	Priority In Tributary	5 / 50
G		

I	<b>MS114</b>
N	<u>Tacony Creek</u>
F	<u>925 ft NE of I St &amp; Cayuga St</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	8.84 (mi <sup>2</sup> )
A	Reach length	1924 (ft)
T	Distance to US XS/Headwaters	1807 (ft)
I	Distance to DS XS/Confluence	1862 (ft)
S	Drainage Area Imperviousness	59.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	650.0 (ft <sup>2</sup> )
S		

S	Dams - # within reach	0
T	Pipes - # within reach	0
R	Bridges - # within reach	1
U	Outfalls - # within reach	2
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	0
R	Culvert Length - ft within reach	0
E	% Culverted within reach	0.0
S	% Channelized within reach	0.0

S	P	Outfalls	25 / 25
T	A	Culverts	0 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	3 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	3 / 5
T	E	Bed Materials	3 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	3 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	1 / 5
B	A	Riparian Composition - DSL	1 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	2 / 5
T	E	Sediment Supply	5 / 5
R		Sinuosity	5 / 5
S		Woody Debris	3 / 5
		Attachment Sites	0 / 5



R		
A	Total Score	89 / 155
N	Stability Score	61 / 100
K	Habitat Score	28 / 55
I	Priority In Shed	8 / 102
N	Priority In Tributary	2 / 50
G		

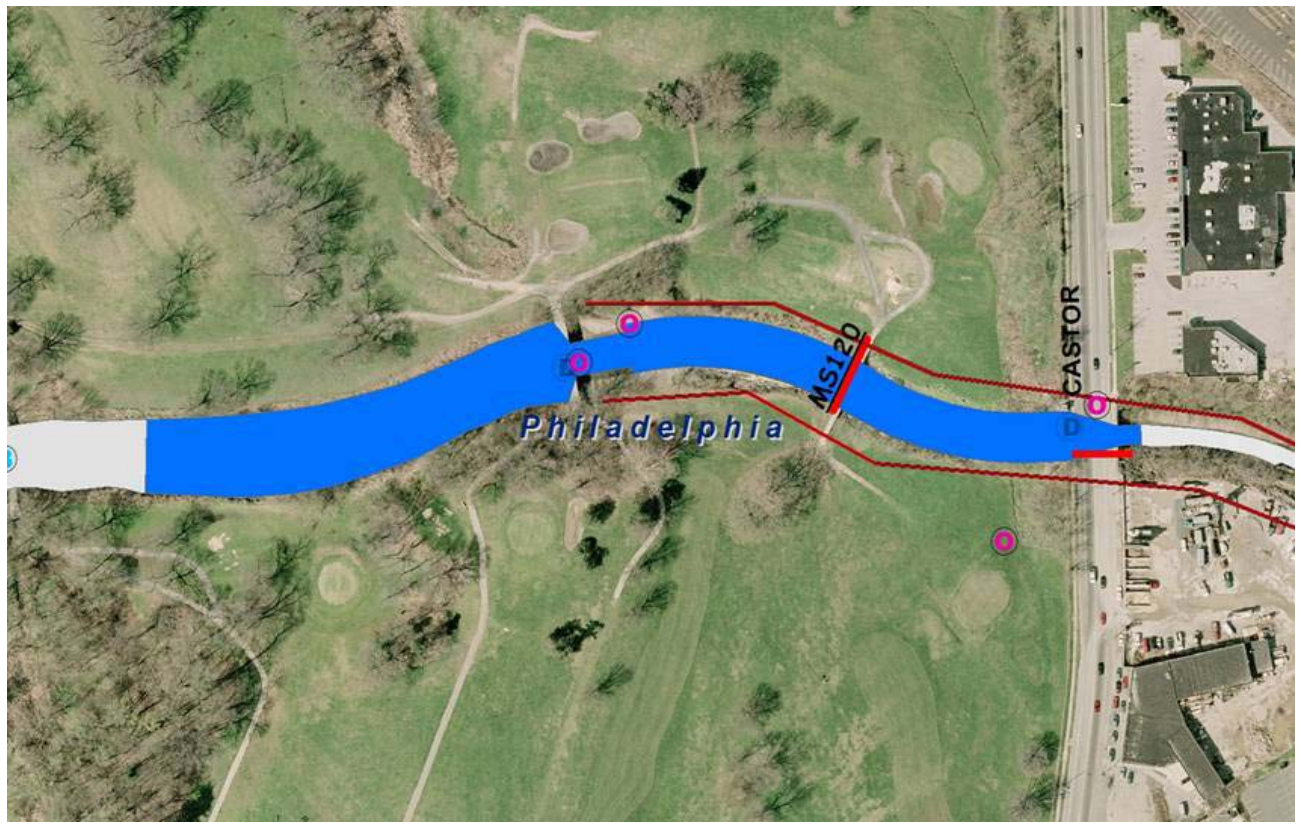
I	<b>MS120</b>
N	<u>Frankford Creek</u>
F	<u>1050 ft NNE of Cayuga St &amp; Castor Ave</u>
O	<u>Philadelphia</u>

S		
T	Upstream Drainage Area	0.07 (mi <sup>2</sup> )
A	Reach length	1324 (ft)
T	Distance to US XS/Headwaters	1862 (ft)
I	Distance to DS XS/Confluence	392 (ft)
S	Drainage Area Imperviousness	11.8 (%)
T	Shed Imperviousness	48.5 (%)
I	Total Tributary Length	62107 (ft)
C	Outfall Area	41.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	2
T	Pipes - # within reach	0
R	Bridges - # within reach	0
U	Outfalls - # within reach	4
C	Manholes - # within reach	0
T	Confluences - # within reach	0
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	79
E	% Culverted within reach	5.9
S	% Channelized within reach	54.8

S	P	Outfalls	14 / 25
T	A	Culverts	6 / 20
A	R	Channelization	12 / 15
B	A	Infrastructure Pts	1 / 5
I	M	Shear Stress	7 / 10
L	E	Channel Type	5 / 5
I	T	Reach Bed Stability	5 / 5
T	E	Bed Materials	1 / 5
Y	R	Bank Erosion	5 / 5
S		Entrenchment Ratio	5 / 5

P	Riparian Width - DSR	1 / 5	
H	A	Riparian Width - DSL	3 / 5
A	R	Riparian Composition - DSR	3 / 5
B	A	Riparian Composition - DSL	3 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	4 / 5
A	T	Bed Materials	1 / 5
T	E	Sediment Supply	3 / 5
R		Sinuosity	5 / 5
S		Woody Debris	0 / 5
		Attachment Sites	0 / 5



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 Tributary	1 / 1
G		

I	<b>N2</b>
N	<u>Unknown Tributary N to Tookany Creek</u>
F	<u>500 ft NE of Parkview Rd &amp; Hilldale Rd</u>
O	<u>Cheltenham Township</u>

S		
T	Upstream Drainage Area	0.18 (mi <sup>2</sup> )
A	Reach length	2729 (ft)
T	Distance to US XS/Headwaters	1391 (ft)
I	Distance to DS XS/Confluence	1321 (ft)
S	Drainage Area Imperviousness	17.5 (%)
T	Shed Imperviousness	17.5 (%)
I	Total Tributary Length	2729 (ft)
C	Outfall Area	7.1 (ft <sup>2</sup> )
S		

S	Dams - # within reach	1
T	Pipes - # within reach	1
R	Bridges - # within reach	0
U	Outfalls - # within reach	1
C	Manholes - # within reach	2
T	Confluences - # within reach	1
U	Culverts - # within reach	1
R	Culvert Length - ft within reach	101
E	% Culverted within reach	3.7
S	% Channelized within reach	0.0

S	P	Outfalls	2 / 25
T	A	Culverts	3 / 20
A	R	Channelization	0 / 15
B	A	Infrastructure Pts	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	2 / 5
Y	R	Bank Erosion	1 / 5
S		Entrenchment Ratio	1 / 5

P	Riparian Width - DSR	5 / 5	
H	A	Riparian Width - DSL	5 / 5
A	R	Riparian Composition - DSR	4 / 5
B	A	Riparian Composition - DSL	4 / 5
I	M	Canopy Cover - DSR	5 / 5
T	E	Canopy Cover - DSL	5 / 5
A	T	Bed Materials	0 / 5
T	E	Sediment Supply	1 / 5
R		Sinuosity	5 / 5
S		Woody Debris	5 / 5
		Attachment Sites	0 / 5



## **APPENDIX E - REACH RANKING SPREADSHEETS**

Tacony Creek, Philadelphia, PA  
Fluvial Geomorphologic Survey

Channel Stability Parameters - TACONY CREEK WATERSHED													
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	-	
A2	A	4	15	10	1	7	2	5	2	3	3	52	
B2	Burholme	10	3	10	1	3	0	3	2	1	1	34	
B4	Burholme	0	12	2	1	7	0	5	2	3	1	33	
B6	Burholme	2	9	0	1	7	5	3	2	3	5	37	
B8	Burholme	0	15	4	0	7	0	3	3	3	3	38	
B10	Burholme	1	6	0	1	7	5	3	3	5	5	36	
C2	C	2	3	4	1	3	2	4	5	5	3	32	
D2	D	2	6	0	1	3	5	4	3	3	5	32	
D4	D	0	6	0	1	7	5	3	3	5	5	35	
EJ2	East Branch - Jenkintown	4	3	6	2	3	0	4	3	5	1	31	
EJ4	East Branch - Jenkintown	0	20	0	1	3	0	3	3	5	1	36	
G2	G	4	0	0	1	3	3	5	3	5	3	27	
G4	G	6	18	10	1	7	5	3	2	3	5	60	
G6	G	4	0	0	1	7	5	3	2	1	5	28	
G8	G	4	6	10	1	7	2	3	3	5	3	44	
G10	G	6	15	12	1	7	2	3	3	1	3	53	
H2	Rock	6	0	0	0	7	3	5	3	5	3	32	
H4	Rock	4	12	2	1	7	0	5	3	3	1	38	
H6	Rock	10	9	0	3	7	2	3	3	3	3	43	
H8	Rock	2	0	2	1	7	2	5	2	1	3	25	
H10	Rock	14	6	4	2	7	5	3	3	5	5	54	
H12	Rock	4	6	10	1	7	2	3	2	1	3	39	
H14	Rock	10	18	6	0	7	3	3	0	1	5	53	
I2	Baeder	16	6	15	2	3	5	3	3	1	5	59	
I4	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	
I10	Baeder	4	9	15	1	7	0	3	3	1	1	44	
I12	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	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	

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Channel Stability Parameters - TACONY CREEK WATERSHED												
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	36
MS52	Main Stem Tookany	2	0	10	1	3	2	3	2	5	3	31
MS54	Main Stem Tookany	0	0	10	0	3	2	4	3	5	3	30
MS56	Main Stem Tookany	4	0	4	0	3	5	3	2	3	5	29
MS58	Main Stem Tookany	6	0	10	2	3	5	4	2	3	5	40
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	1	0	12	1	3	2	4	2	3	3	31
MS72	Main Stem Tookany	0	0	0	2	3	2	4	3	3	3	20
MS74	Main Stem Tookany	0	0	0	0	3	5	3	5	5	5	26
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
MS106	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

Tacony Creek, Philadelphia, PA  
Fluvial Geomorphologic Survey

Habitat Parameters - TACONY CREEK WATERSHED													
Reach	Creek	Riparian Width		Riparian Composition		Canopy Cover		Bed Materials	Sediment Supply	Sinuosity	Woody Debris	Attachment Sites	Total Habitat Ranking Value
		DSR	DSL	DSR	DSL	DSR	DSL						
-	-	H1		H2		H3		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	C	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	1	1	1	2	5	5	3	0	19
H4	Rock	1	5	1	4	1	5	2	3	5	5	0	32
H6	Rock	0	1	1	1	5	5	2	1	5	3	0	24
H8	Rock	1	5	1	1	4	4	0	1	5	0	0	22
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
I2	Baeder	5	5	4	4	1	1	2	1	5	3	3	34
I4	Baeder	5	5	4	4	4	4	0	1	5	5	0	37
I6	Baeder	0	0	0	0	1	1	2	5	5	3	0	17
I8	Baeder	0	0	0	0	5	5	0	3	5	3	3	24
I10	Baeder	5	5	4	4	5	5	2	1	5	5	3	44
I12	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
L4	L	3	5	1	1	1	1	1	3	3	5	3	27
M2	M	1	5	3	3	1	5	0	1	3	5	3	30
M4	M	3	3	3	3	4	1	0	1	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

Habitat Parameters - TACONY CREEK WATERSHED													
Reach	Creek	Riparian Width		Riparian Composition		Canopy Cover		Bed Materials	Sediment Supply	Sinuosity	Woody Debris	Attachment Sites	Total Habitat Ranking Value
		DSR	DSL	DSR	DSL	DSR	DSL						
-	-	H1		H2		H3		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
MS34	Main Stem Tookany	1	3	1	1	1	4	2	1	5	5	0	24
MS36	Main Stem Tookany	3	3	3	1	5	3	4	5	3	5	0	35
MS38	Main Stem Tookany	5	5	3	3	5	4	4	5	3	3	0	40
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
MS102	Main Stem Tacony	0	0	1	1	4	3	4	5	5	0	0	23
MS104	Main Stem Tacony	0	1	1	1	4	1	0	3	5	3	0	19
MS106	Main Stem Tacony	3	0	1	1	5	5	0	1	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



Channel Stability and Habitat Parameters - TACONY CREEK WATERSHED				
Alphabetical Order				
Reach	Creek	Total Stability Ranking Value	Total Habitat Ranking Value	Total Stability and Habitat Ranking Value
-	-	-	-	-
A2	A	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	C	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
I2	Baeder	59	34	93
I4	Baeder	29	37	66
I6	Baeder	34	17	51
I8	Baeder	41	24	65
I10	Baeder	44	44	88
I12	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	M	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

Channel Stability and Habitat Parameters - TACONY CREEK WATERSHED				
Alphabetical Order				
Reach	Creek	Total Stability Ranking Value	Total Habitat Ranking Value	Total Stability and Habitat Ranking Value
-	-	-	-	-
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

<b>Channel Stability and Habitat Parameters - TACONY CREEK WATERSHED</b>					
<b>Total Stability and Habitat Rank Order</b>					
<i>Reach</i>	<i>Creek</i>	<i>Total Stability Ranking Value</i>	<i>Total Habitat Ranking Value</i>	<i>Total Stability and Habitat Ranking Value</i>	<i>Total Rank</i>
-	-	-	-	-	-
G4	G	60	37	97	1
MR2	Mill Run	62	33	95	2
H14	Rock	53	42	95	2
I2	Baeder	59	34	93	4
MS14	Main Stem Tookany	60	32	92	5
G10	G	53	38	91	6
I12	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
I10	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	A	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	Main Stem Tookany	37	40	77	24
G8	G	44	33	77	24
MS94	Main Stem Tacony	48	28	76	26
MR4	Mill Run	41	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	47	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	44
MS50	Main Stem Tookany	36	32	68	47
G2	G	27	41	68	47
MS64	Main Stem Tookany	30	38	68	47
MS18	Main Stem Tookany	37	30	67	50
MS52	Main Stem Tookany	31	36	67	50

Channel Stability and Habitat Parameters - TACONY CREEK WATERSHED					
Total Stability and Habitat Rank Order					
Reach	Creek	Total Stability Ranking Value	Total Habitat Ranking Value	Total Stability and Habitat Ranking Value	Total Rank
-	-	-	-	-	-
H6	Rock	43	24	67	50
MS8	Main Stem Tookany	31	35	66	53
MS70	Main Stem Tookany	31	35	66	53
I4	Baeder	29	37	66	53
J4	Jenkintown	31	35	66	53
MS48	Main Stem Tookany	28	37	65	57
I8	Baeder	41	24	65	57
J18	Jenkintown	33	31	64	59
M2	M	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	M	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
I6	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

<b>Channel Stability Parameters - TACONY CREEK WATERSHED</b>			
<b>Total Stability Rank Order</b>			
<i>Reach</i>	<i>Creek</i>	<i>Total Stability Ranking Value</i>	<i>Total Stability Rank</i>
-	-	-	-
MR2	Mill Run	62	1
MS102	Main Stem Tacony	62	1
MS120	Main Stem Tacony	61	3
MS14	Main Stem Tookany	60	4
G4	G	60	4
I2	Baeder	59	6
I12	Baeder	58	7
H10	Rock	54	8
J6	Jenkintown	54	8
MS88	Main Stem Tacony	53	10
G10	G	53	10
H14	Rock	53	10
A2	A	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
I8	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

<b>Channel Stability Parameters - TACONY CREEK WATERSHED</b>			
<b>Total Stability Rank Order</b>			
<b>Reach</b>	<b>Creek</b>	<b>Total Stability Ranking Value</b>	<b>Total Stability Rank</b>
-	-	-	-
D4	D	35	51
B2	Burholme	34	53
I6	Baeder	34	53
M4	M	34	53
MS2	Main Stem Tookany	34	53
MS36	Main Stem Tookany	34	53
MS4	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	D	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	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	76
MS56	Main Stem Tookany	29	76
I4	Baeder	29	76
MS48	Main Stem Tookany	28	79
MS100	Main Stem Tacony	28	79
G6	G	28	79
MS112	Main Stem Tacony	27	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
MS76	Main Stem Tookany	26	86
H8	Rock	25	89
J8	Jenkintown	24	90
J16	Jenkintown	24	90
MS10	Main Stem Tookany	23	92
MS86	Main Stem Tacony	23	92
J14	Jenkintown	21	94
MS108	Main Stem Tacony	21	94
MS72	Main Stem Tookany	20	96
N2	N	20	96
L2	L	19	98
MS106	Main Stem Tacony	19	98
MS78	Main Stem Tacony	16	100
MS22	Main Stem Tookany	14	101
MS20	Main Stem Tookany	13	102

<b>Channel Habitat Parameters - TACONY CREEK WATERSHED</b>			
<b>Total Habitat Rank Order</b>			
<b>Reach</b>	<b>Creek</b>	<b>Total Habitat Ranking Value</b>	<b>Total Habitat Rank</b>
-	-	-	-
MS80	Main Stem Tacony	45	1
I10	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
I4	Baeder	37	17
MS12	Main Stem Tookany	37	17
MS40	Main Stem Tookany	37	17
MS48	Main Stem Tookany	37	17
L2	L	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
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
I2	Baeder	34	38
G8	G	33	39
MR2	Mill Run	33	39
MS86	Main Stem Tacony	33	39
MS114	Main Stem Tacony	33	39
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	A	31	50
J10	Jenkintown	31	50

Channel Habitat Parameters - TACONY CREEK WATERSHED			
Total Habitat Rank Order			
Reach	Creek	Total Habitat Ranking Value	Total Habitat Rank
-	-	-	-
J18	Jenkintown	31	50
MR6	Mill Run	31	50
MS54	Main Stem Tookany	31	50
MS112	Main Stem Tacony	31	50
MS58	Main Stem Tookany	30	56
M2	M	30	56
MR8	Mill Run	30	56
MS18	Main Stem Tookany	30	56
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
I8	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
I6	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
FGM_Rebars	Point	Locations of Rebars placed for each of the 102 reaches plotted using mobile GPS unit.
TF_FGM_X-sect_Locations	Polyline	Locations of the 102 cross-sections where data was collected. Shapefile was created by taking the shapefile FGM_Rebars and drawing a line between the two points to connect them.
TF_FGM_Sheds	Polygon	Tacony-Frankford Watershed broken down into smaller sheds based on drainage area to each set of rebar points or cross-section location
TF_FGM_Hydro_Polygons	Polygon	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 headwaters or confluences.
Reach_Ranking_Total	Polyline	Total Reach Ranking Scores assigned to each of the 102 reaches using the scoring protocol discussed herein
TF_FGM_Hydro_Lines	Polyline	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 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
Tacony_Infrastructure_Point_Final	Point	Point file consisting of the locations of bridges, confluences, dams, manholes, outfalls, and pipes that impact the waterway in the Tookany/Tacony-Frankford Watershed. Points were GPSed during a Fall-Winter 2004 infrastructure investigation completed by PWD.
Tacony_Infrastructure_Lines_Final	Polyline	Line file consisting of the locations of channelized portions and culverted portions that impact the waterway in the 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	
IR_Points_2006	Point	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 of liquid contamination of the surface water resulting from leaking sewer lines, ground water seeps, or unidentified surface or subsurface outfalls.
Dvrpc-lu	Polygon	Landuse cover from DVRPC from the year 2000