TABLE 1
SEMI-QUANTITATIVE BENTHIC MACROINVERTEBRATE DATA[1]
AND
RBP METRIC COMPARISONS
COVE CREEK - BEDFORD COUNTY
February 22 and 27, 1995

TAXA	Stations[2]	
	7CC	2FC
Hirudinea spp.		
Caecidotea		3
Gammarus	15	7
Baetis	5	53
Drunella		
Ephemerella	130	37
Epeorus		1
Stenacron		
Stenonema	1	
Paraleptophlebia		6
Isonychia	1	
Paracapnia		
Leuctra		
Amphinemura		
Peltoperla		
Acroneuria		
Isoperla		
Pteronarcys		
Strophopteryx		
Micrasema		
Cheumatopsyche	3	1
Diplectrona		
Hydropsyche		7
Parapsyche		
Chimmara	3	
Dolophilodes		
Rhyacophila	4	8
Neophylax	1	
Atherix		2
Bezzia		9
Chironomidae spp.	8	74
Prosimulium	18	129
Antocha		2
Dicranota		
Hexatoma		1
Tipula		
Optioservus	11	29
Promoresia		2
Stenelmis		
Psephenus		
Corydalus		
Physa		
Planorbidae sp.		
1. taxa richness	12	17
candidate/reference	71%	-
biological condition score	4	6
2. modified EPT index	6	5
candidate/reference	120%	-
biological condition score	6	6
3. modified HBI	2.1	3.7
candidate-reference	-1.6	-
biological condition score	6	6
4. percent dominant taxon	65	35
candidate-reference	30	-
biological condition score	6	6
5. percent mod. mayflies	66	12
reference-candidate	-54	-
biological condition score	6	6
TOTAL BIOLOGICAL CONDITION SCORE	28	30
% COMPARABILITY TO REFERENCE STA[3]	93%	-

[1]Semi-quantitative data based on randomly selected subsample (100+ indiv.) from qualitative samplings.

[2]Refer to Figure 1 for station location.

2FC-Fishing Creek refernce station was selected based on documented ecological integrity,
location in appropriate sub-ecoregion, and comparable drainage area.