

Appendix Hi: Freshwater Macro-invertebrate survey results

W6

Latin name	Common name	Family	Score
Isoperla grammical	Stonefly	Perlodidae	10
Nemoura cinerea	Stonefly	Nemoura	7
Siphonurus aestivalis	Mayfly	Siphonuridae	10
Hydropsychidae sp.	Caddisfly	Hydropsychidae	5
Limnephilus rhombicus	Caddisfly	Limnephilidae	7
Notonecta clauca	Waterbug	Notonectidae	5
Sigara sp.	Waterbug	Corixidae	5
Nepidae sp.	Water scorpion	Nepidae	5
Gerris lacustris	Water skater	Gerridae	5
Gerridae sp.	Water skater	Gerridae	5
Asellus aquaticus	Hog louse	Asellidae	3
Gammarus pulex	Shrimp	Gammaridae	6
Erpodella testacea	Leech	Erpobdellidae	3
Simuliidae sp.	Blackfly larvae	Simuliidae	5
Prodiamesa olivacea	Midge	Chironomidae	2
Procladius sp.	Midge	Chironomidae	2
Sympetrum sp.	Dragonfly	Libellulidae	8

BMWP score: 93

W7

Latin name	Common name	Family	Score
Sigara sp.	Waterbug	Corixidae	5
Asellus aquaticus	Hog louse	Asellidae	3
Gammarus pulex	Shrimp	Gammaridae	6
Polycelis sp.	Leech		5
Prodiamesa olivacea	Midge		2
Daphnia sp.	Water flea		X

BMWP score: 21

W8

Latin name	Common name	Family	Score
Ilyocoris sp.	Saucer bug		5
Notonecta glauca	Waterbug	Notonectidae	5
Sigara sp.	Waterbug	Corixidae	5
Nepa cinerea	Water scorpion		5
Gerris lacustris	Water skater	Gerridae	5
Asellus aquaticus	Hog louse	Asellidae	3
Gammarus pulex	Shrimp	Gammaridae	6
Simuliidae sp.	Blackfly larvae	Simuliidae	5
Prodiamesa olivacea	Midge	Chironomidae	2
Daphnia sp.	Water flea		X
Pisidium sp.	Pea mussel	Sphaeriidae	3
Planorbis planorbis	Common ramshorn snail	Planorbidae	3
Sympetrum sp.	Darter sp. Dragonfly larvae	Libellulidae	8

BMWP score: 55

Interpretation of BMWP Scores

BMWP scores can be interpreted using the following table:

BMWP score	Category	Interpretation
0-10	Very poor	Heavily polluted
11-40	Poor	Polluted or impacted
41-70	Moderate	Moderately impacted
71-100	Good	Clean but slightly impacted
>100	Very good	Unpolluted, unimpacted

http://www.bournestreampartnership.org.uk/bmwp_scoring.htm (Bourne Stream Partnership)