9.5 Macroinvertebrate Lists

Appendix 9.5 Macroinvertebrates

SITE		BR2	TE1	TE3	BN3	QG1
EPA stream name		Brusna	Tullyegan 34	Tullyegan 34	Bunree	Quignamanger
Sample Date		11/09/2023	12/07/2022	11/07/2022	11/07/2022	11/07/2022
Width (m)		10.00	1.00	2.00	0.70	0.80
Depth (m)		0.40	0.03 (riffle/run)	0.20 (riffle/run)	0.03	0.05
Flow type		Riffle/run	Riffle/run	Riffle/run	Trickle riffle/run	Riffle/run
Substrate		Cobble, gravel	Cobble, gravel	Cobble, gravel	Fine gravel	Calcareous concretions
Easting ITM		526714	523545	523545	526397	526698
Northing ITM		818205	817628	817628	819552	820613
Taxa	**EPA Quality Category**					
MAYFLIES (Ephemeroptera)						
Ecdyonurus	A	F				
Heptagenia	A	F	F	F/C		
Rhithrogenia	A					
Seratella ignita	C	F/C		N	F	
Baetidae	C	N	N	D	N	F/C
STONEFLIES (Plecoptera)						
Perla bipunctata	A	F				
Dinocras cephalotes	A	F				
Siphlonoperla	A					
Isoperla grammatica	A	(+)				
Leuctra	B			F		
CADDISFLIES (Trichoptera)						
Sericostoma personatum	B	F		F		
Odontocerum albicorne	B	F				
Glossosomatidae	~		F/C			
Limnephilidae	C		F			

SITE		BR2	TE1	TE3	BN3	QG1
Philopotimidae	C	(+)				F
Polycentropidae	C			(+)		
Hydropsychidae	C	F		(+)		
Rhyacophilidae	C		F			
TRUE FLIES (Diptera)						
Dicranota spp.	C		F		(+)	
Chironomidae	C			F		
Tipulidae	C				C	
Simuliidae	C	F/C	F	F/C		
BEETLES (Coleoptera)						
Elmidae	C	F/C	N	F/C		
Dytiscidae	C		F			
Haliplidae	C		(+)			
F/W SHRIMPS (Crustacea)						
Gammarus sp.	C	C	C	N		N
Asellus sp.	D		F/C	F	C/N	
SNAILS (Mollusca)						
Potamopyrgus jenkensii	C	N	N		F/C	
Lymnaea peregra	D		(+)			
LEECHES (Hirudinea)						
Glossophonia complanata	D		(+)			
FLATWORMS (Planaridae)						
Polycelis nigra	D	F	F			C
WORMS (Annelida)						
Tubificidae	E	F	F/C		F	
Q Value		**Q4-5**	**Q3-4**	**Q3-4**	**Q3**	**Q3**
Potential Ecological Status		High	Moderate	Moderate	Poor	Poor

KEY: *+ = Present (one or two); F = Few (1-5%); C = Common (6-20%); N = Numerous (21-50%); D = Dominant (51-75%); E= Excessive (>75%)*