

Aquatic Invertebrate Data Sheet

Bay Lake Township of Perry

Common Name	Site 3 ^R						Scientific Name
	2012			2013			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms		1					Turbellaria
Roundworms						1	Nematoda
Aquatic Earthworms	41	38	15	2	1		Oligochaeta
Leeches	1	1				3	Hirudinaea
Sow Bugs							Isopoda
Clams		6	4	1		3	Pelecypoda
Fairy Shrimp	111	222	84	40	63	44	Amphipoda
Crayfish							Decapoda
Mites	5	14	28	28	13	11	Hydracarina
Mayflies	1	3	1		1	4	Ephemeroptera
Dragonflies	1	1	1			2	Anisoptera
Damselflies			1	1		2	Zygoptera
Stoneflies				2			Plecoptera
True Bugs	1						Hemiptera
Fishflies & Alderflies		1	5	1		2	Megaloptera
Caddisflies	2	2		1		1	Trichoptera
Aquatic Moths			1				Lepidoptera
Beetles		2	2	4	15	6	Coleoptera
Snails & Limpets	4	5	2	2		3	Gastropoda
Midges	60	30	30	20	14	11	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos						2	Culicidae
No-see-ums		6	3			2	Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies				2	1	8	Misc. Diptera
Total Count	227	332	177	104	108	105	
Number of Taxa	10	14	13	12	7	16	
							Muskoka Average *
Richness		17			18		14
% EOT		2			4		22
% Chironimids		16			14		12
% Predators		10			29		23
% Shredders		1			1		3
% Collectors/Gatherers		86			67		70
Hilsenhoff Index		6.41			5.96		6.10

R = Reference Site

* The Muskoka Average is based on 147 samples collected at 76 reference sites between 2004 and 2011. Reference sites from 9 mesotrophic and 26 oligotrophic lakes throughout Muskoka were used.

