Aquatic Invertebrate Data Sheet

Clear Lake

Township of Perry

Common Name	Site 1 [R]						Scientific Name
	2015			2016			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms	5	2	3				Turbellaria
Roundworms							Nematoda
Aquatic Earthworms	8	19	11	10	2	5	Oligochaeta
Leeches	5	2	1				Hirudinaea
Sow Bugs	37	16	12	2	1	1	Isopoda
Clams				38	114	65	Pelecypoda
Fairy Shrimp	63	38	61	29	51	40	Amphipoda
Crayfish							Decapoda
Mites	2	3	2	4	3	2	Hydracarina
Mayflies	19	13	3	12	11	6	Ephemeroptera
Dragonflies	2	1	2				Anisoptera
Damselflies		2	2	6	8	2	Zygoptera
Stoneflies							Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies			1				Megaloptera
Caddisflies	9	3	4	6	7	5	Trichoptera
Aquatic Moths							Lepidoptera
Beetles	8	5	2	12	1		Coleoptera
Snails & Limpets	7			10	14	8	Gastropoda
Midges	13	6	5	41	29	12	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos							Culicidae
No-see-ums				1		1	Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies				1			Misc. Diptera
Total Count	178	110	109	172	241	147	
Number of Taxa	12	12	13	13	11	11	
							Muskoka Average *
Richness	14			13			**14**
% EOT	15			11			**22**
% Chironimids	6			15			**12**
% Predators	13			7			**23**
% Shredders	4			3			**3**
% Collectors/Gatherers	82			45			**70**
Hilsenhoff Index	6.34			6.92			**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.