THE DISTRICT MUNICIPALITY OF MUSKOKA

Managing Our Legacy Together

Aquatic Invertebrate Data Sheet

Foote Lake

Township of Lake of Bays

Common Name	Site 1						Scientific Name
	2012			2013			
	1	2	3	1	2	3	
Hydras							Coelenterata
Flatworms							Turbellaria
Roundworms					3	2	Nematoda
Aquatic Earthworms	1	5	7	3	1		Oligochaeta
Leeches				1			Hirudinaea
Sow Bugs		1					Isopoda
Clams	1			1			Pelecypoda
Fairy Shrimp	13	58	41	42	52	58	Amphipoda
Crayfish							Decapoda
Mites	6	7	8	16	11	6	Hydracarina
Mayflies	4	5	12	9	15	14	Ephemeroptera
Dragonflies	7	10	19	3	3	8	Anisoptera
Damselflies	2	2		1			Zygoptera
Stoneflies				1			Plecoptera
True Bugs							Hemiptera
Fishflies & Alderflies			1	9	9	8	Megaloptera
Caddisflies	3	8	7	3	6	5	Trichoptera
Aquatic Moths							Lepidoptera
Beetles	1	1	2	2	1	3	Coleoptera
Snails & Limpets	12	5	6	7	1	1	Gastropoda
Midges	38	46	38	11	22	11	Chironomidae
Horse & Deer Flies							Tabanidae
Mosquitos							Culicidae
No-see-ums	5	5	5	3	2	2	Ceratopogonidae
Craneflies							Tipulidae
Blackflies							Simuliidae
Misc. True Flies							Misc. Diptera
Total Count	93	153	146	112	126	118	
Number of Taxa	12	12	11	15	12	11	
							Muskoka Average *
Richness	14			16			**14**
% EOT	20			19			**22**
% Chironimids	31			12			**12**
% Predators	21			25			**23**
% Shredders	5			4			**3**
% Collectors/Gatherers	69			67			**70**
Hilsenhoff Index	6.19			5.75			**6.10**

* 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.