

Aquatic Invertebrate Data Sheet

Dickie Lake Township of Lake of Bays

Common Name	Site 1 ^R						Site 2 ^R						Scientific Name
	2005			2006			2008			2009			
	1	2	3	1	2	3	1	2	3	1	2	3	
Hydras													Coelenterata
Flatworms			3										Turbellaria
Roundworms				4			1						Nematoda
Aquatic Earthworms		1	1	1		1	2	4	2				Oligochaeta
Leeches			1										Hirudinaea
Sow Bugs													Isopoda
Clams							2	9	2	1	2	1	Pelecypoda
Fairy Shrimp	13	91	122	55	37	21	15	6	20	56	57	81	Amphipoda
Crayfish													Decapoda
Mites	12	27	13	27	30	16	10	7	6	7	10	13	Hydracarina
Mayflies	52	7	3	5	6	8	17	8	26	1	4	20	Ephemeroptera
Dragonflies	13	46	20	7	10	16	5	2	5	3	2	5	Anisoptera
Damselflies	37	10	14	6	8		2	1	10		3	6	Zygoptera
Stoneflies													Plecoptera
True Bugs													Hemiptera
Fishflies & Alderflies							2	1	1			1	Megaloptera
Caddisflies	8	2	1	5	1	2	15	10	7	3	4	15	Trichoptera
Aquatic Moths													Lepidoptera
Beetles					4	4	1						Coleoptera
Snails & Limpets		14	4	3			4	15	3				Gastropoda
Midges	71	68	31	19	40	63	35	27	25	36	34	26	Chironomidae
Horse & Deer Flies													Tabanidae
Mosquitos	5	1				2		1					Culicidae
No-see-ums	2	1	1	1	9	5		1					Ceratopogonidae
Craneflies													Tipulidae
Blackflies													Simuliidae
Misc. True Flies													Misc. Diptera
Total Count	213	268	214	133	145	138	111	92	107	107	116	168	
Number of Taxa	9	11	12	11	9	10	13	13	11	7	8	9	
Richness		12			12			14			9		Muskoka Average * 13
% EOT		31			18			35			17		26
% Chironimids		25			29			28			25		12
% Predators		29			34			17			13		24
% Shredders		2			2			10			6		2
% Collectors/Gatherers		67			62			47			81		69
Hilsenhoff Index		5.95			6.12			5.30			6.08		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.