THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet
Clark Pond
Township of Muskoka Lakes

Common Name	Site 1[R]		Scientific Name
	2022	2023	
Hydras			Coelenterata
Flatworms	1		Turbellaria
Roundworms	14	1	Nematoda
Aquatic Earthworms		2	Oligochaeta
Leeches			Hirudinaea
Sow Bugs			Isopoda
Clams & Mussels			Bivalvia
Scuds	47	59	Amphipoda
Crayfish			Decapoda
Mites	46	28	Hydracarina
Mayflies	3	5	Ephemeroptera
Dragonflies	6		Anisoptera
Damselflies	1		Zygoptera
Stoneflies			Plecoptera
True Bugs		1	Hemiptera
Fishflies & Alderflies		2	Megaloptera
Caddisflies			Trichoptera
Aquatic Moths			Lepidoptera
Beetles			Coleoptera
Snails & Limpets	2	1	Gastropoda
Midges	34	4	Chironomidae
Horse & Deer Flies			Tabanidae
Mosquitos			Culicidae
No-see-ums			Ceratopogonidae
Craneflies			Tipulidae
Blackflies			Simuliidae
Misc. True Flies			Misc. Diptera
Total Count	154	103	
Number of Taxa	9	9	
			Muskoka Average *
Richness	9	9	**13**
% EOT	6	5	**17**
% Chironomids	22	4	**8**
% Predators	35	30	**24**
% Shredders	0	0	**2**
% Collectors/Gatherers	55	68	**68**
Hilsenhoff Index	6.08	5.98	**6.27**

R = Reference Site

* The Muskoka Average is based on 228 samples collected at 94 reference sites between 2013 and 2023. Data prior to 2021 is based on three subsamples (min. 300 count) per site while data from 2021 on is based on one sample (min. 100 count) per site.

THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet
Clark Pond
Township of Muskoka Lakes

Common Name	Site 2				Scientific Name
	2022	2023	2024	2025	
Hydras					Coelenterata
Flatworms					Turbellaria
Roundworms	5	3	8		Nematoda
Aquatic Earthworms		2	2		Oligochaeta
Leeches					Hirudinaea
Sow Bugs	21	16		42	Isopoda
Clams & Mussels	1				Bivalvia
Scuds	10	26	8	36	Amphipoda
Crayfish	2	1			Decapoda
Mites	22	40	26	33	Hydracarina
Mayflies	1		2	6	Ephemeroptera
Dragonflies	11	3	14	3	Anisoptera
Damselflies	1	2	12	7	Zygoptera
Stoneflies					Plecoptera
True Bugs	1			1	Hemiptera
Fishflies & Alderflies				1	Megaloptera
Caddisflies	2		2	2	Trichoptera
Aquatic Moths					Lepidoptera
Beetles		2			Coleoptera
Snails & Limpets	1	1	8	1	Gastropoda
Midges	41	13	24	1	Chironomidae
Horse & Deer Flies					Tabanidae
Mosquitos					Culicidae
No-see-ums	1		1	2	Ceratopogonidae
Craneflies					Tipulidae
Blackflies					Simuliidae
Misc. True Flies		1			Misc. Diptera
Total Count	120	110	107	135	
Number of Taxa	14	12	11	12	
					Muskoka Average *
Richness	14	12	11	12	**13**
% EOT	13	5	28	13	**17**
% Chironomids	34	12	22	1	**8**
% Predators	7	43	50	35	**24**
% Shredders	2	0	2	1	**2**
% Collectors/Gatherers	63	54	34	63	**68**
Hilsenhoff Index	6.54	6.37	6.19		**6.27**

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