THE DISTRICT MUNICIPALITY OF MUSKOKA

Aquatic Invertebrate Data Sheet

Paint Lake

Township of Lake of Bays

Common Name	Site 1[R]		Scientific Name
	2023	2024	
Hydras			Coelenterata
Flatworms		1	Turbellaria
Roundworms	3	3	Nematoda
Aquatic Earthworms	7	1	Oligochaeta
Leeches			Hirudinaea
Sow Bugs	101	15	Isopoda
Clams & Mussels	2	1	Bivalvia
Scuds	119	26	Amphipoda
Crayfish			Decapoda
Mites	11	4	Hydracarina
Mayflies	1	3	Ephemeroptera
Dragonflies	15	11	Anisoptera
Damselflies	17	16	Zygoptera
Stoneflies			Plecoptera
True Bugs			Hemiptera
Fishflies & Alderflies	1	2	Megaloptera
Caddisflies		1	Trichoptera
Aquatic Moths			Lepidoptera
Beetles			Coleoptera
Snails & Limpets	6	6	Gastropoda
Midges	6	13	Chironomidae
Horse & Deer Flies			Tabanidae
Mosquitos			Culicidae
No-see-ums	1		Ceratopogonidae
Craneflies			Tipulidae
Blackflies			Simuliidae
Misc. True Flies			Misc. Diptera
Total Count	290	103	
Number of Taxa	13	14	
			Muskoka Average *
Richness	13	14	**13**
% EOT	11	30	**17**
% Chironomids	2	13	**8**
% Predators	16	33	**24**
% Shredders	0	1	**2**
% Collectors/Gatherers	81	56	**68**
Hilsenhoff Index	6.79	6.43	**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

Paint Lake

Township of Lake of Bays

Common Name	Site 2		Scientific Name
	2023	2024	
Hydras			Coelenterata
Flatworms	1		Turbellaria
Roundworms	4	3	Nematoda
Aquatic Earthworms	14	2	Oligochaeta
Leeches	1		Hirudinaea
Sow Bugs		2	Isopoda
Clams & Mussels	1		Bivalvia
Scuds	173	36	Amphipoda
Crayfish			Decapoda
Mites	36	22	Hydracarina
Mayflies	5	2	Ephemeroptera
Dragonflies	4	3	Anisoptera
Damselflies	6	17	Zygoptera
Stoneflies			Plecoptera
True Bugs			Hemiptera
Fishflies & Alderflies	2		Megaloptera
Caddisflies	1	4	Trichoptera
Aquatic Moths			Lepidoptera
Beetles			Coleoptera
Snails & Limpets	7		Gastropoda
Midges	20	9	Chironomidae
Horse & Deer Flies			Tabanidae
Mosquitos			Culicidae
No-see-ums			Ceratopogonidae
Craneflies			Tipulidae
Blackflies			Simuliidae
Misc. True Flies			Misc. Diptera
Total Count	275	100	
Number of Taxa	14	10	
			Muskoka Average *
Richness	14	10	**13**
% EOT	6	26	**17**
% Chironomids	7	9	**8**
% Predators	18	42	**24**
% Shredders	0	4	**2**
% Collectors/Gatherers	77	51	**68**
Hilsenhoff Index	6.16	6.18	**6.27**

* 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.