

NYS DEC Aquatic Macro-invertebrate Reporting form

Licensee Name: R. Hurley License # 51 Date: 8/23/2017

	Collection Date	Site Coordinate	Order	Name	Number Collected	Biotic Value	Total Biotic Value
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Trichoptera	Claddisfly larva	0	10	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Megaloptera	Hellgrammite	0	10	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Ephemeroptera	Mayfly nymph	3	10	30
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Coleoptera	Riffle beetle (adult)	1	10	10
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Plecoptera	Stonefly nymph	0	10	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Coleoptera	Water penny (larva)	1	10	10
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Coleoptera	Beetle larva	0	8	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Diptera	Crane fly larva	0	8	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Diptera	Black fly larva	0	6	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Bivalvia	Clam, Mussel	1	6	6
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Decapoda	Crayfish	2	6	12
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20		Damselfly nymph	0	6	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Odonata	Dragonfly nymph	1	6	6
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Amphipoda	Scud	33	6	198
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Nematocera	Midge fly larva	0	5	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Gastropoda	Snails	9	4	36
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Isopoda	Sowbug	0	2	0
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Hirudinea	Leech	1	2	2
Kueka Lake (south end)	08/23/17	E317770.84,N4696859.20	Oligochaeta	Aquatic worm	2	0	0

Sum of Biotic Values 310

Total # of Macroinvertebrates 54
Biotic Value 57.40740741

water mites 30
water strider 2
water boatman 13