MACROINVERTEBRATES that indicate water quality:

- Alderfly Larva
- Dobsonfly Larva
- Snipe Fly Larva
Stonefly Larva

Caddisfly Larva

Mussel

Fingernail Clam

Zebra Mussel

Asiatic Clam

Cranefly Larva

Adult

Adult

Adult
Bloodworm Midge Larva

Backswimmer

Leech

Crawling Water Beetle
Giant Water Bug

Predacious Diving Beetle

Planaria

Rat-tail Maggot
Group 1: These organisms are pollution-intolerant. Their dominance generally signifies excellent water quality.

Stonefly, Snipe Fly, Dobsonfly, Alderfly

Group 2: These organisms are moderately pollution-intolerant. Their dominance generally signifies good water quality.

Cranefly, Damselfly, Dragonfly, Mayfly, Water Penny, Clam/Mussel, Caddisfly, Water Mite, Whirligig Beetle, Adult, Larva, Crayfish, Rifflle Beetle
Group 3: These organisms are moderately pollution-tolerant. Their dominance generally signifies poor water quality

- Gill Snails
- Orb Snail
- Scud
- Sowbug
- Black Fly
- Midge

Group 4: These organisms are very pollution-tolerant. Their dominance generally signifies bad water quality

- Leech
- Pouch Snails
- Bloodworm Midge
- Aquatic (Tubifex) Worm

Other macros: These organisms are not used in determining water quality

- Giant Water Bug
- Whirligig Beetle
- Crawling Water Beetle
- Planaria
- Water Boatman
- Water Scavenger Beetle
- Water Strider
- Water Scorpion
- Rat-tail Maggot

MACROINVERTEBRATES that indicate water quality