

Impacts to Ecosystem:

- Pesticides, even in small concentrations can kill aquatic organisms, including fish, turtles, macroinvertebrates, etc. Pesticides can also bio-accumulate in the tissues of organisms and destroy their reproductive capability, which eventually wipes out the species population, which in turn causes a negative chain reaction throughout the ecosystem.

Impacts to Drinking Water:

- Carcinogenic compounds can cause cancer in those who consume water with these compounds.

Impacts to Recreation:

- Once ingested by animals such as fish, the pesticide compounds can remain inside the fish's body tissue, which poses risk to people who catch fish and eat them. Waterfront property values can also be significantly reduced if adjoining waterbody is known to have dangerous concentrations of pesticides.

References