

Common Water Pollutants and Sources

<u>Constituent Category</u>	<u>Example Constituents</u>	<u>Sources/ Activities</u>
Nutrients	nitrate ammonia phosphate	residential fertilization, septic systems, agriculture, treatment plant effluent
Minerals	chloride sulfate iron	excessive irrigation or soil amendment, natural mineral deposits
Sediment	total suspended solids turbidity	construction sites, burn areas, agricultural fields
Bacteria and viruses	fecal coliform bacteria enterococcus bacteria enterovirus	sewage spills, pet and wildlife waste, organic soil amendments
Trace Metals	copper lead zinc	roadways, plating shops, industrial processes
Trash and Floatables	plastics paper	littering and other improper disposal practices
Oils and Greases	food wastes animal fats petroleum products	restaurants, industrial processes
Volatile Organic Chemicals	trichloroethylene benzene vinyl chloride	commercial and industrial processes, gasoline, solvents
Gasoline and Diesel Fuels	hydrocarbons	leaking fuel tanks, automotive maintenance and refueling, spills
Polyaromatic Hydrocarbons	napthalene pyrene acrolein	refineries, diesel fuel breakdown products, combustion
Pesticides and Herbicides	chlordane chlorpyrifos diazanone	agricultural and residential application, spillage, illegal dumping
Phenols	2-chlorophenol 2-nitrophenol pentachlorophenol	landfills, industrial effluents
Organic Debris	landscape waste food waste	landscape maintenance