

Contaminants in Water

POLLUTION TYPE	EXAMPLES	SOURCES	HARMFUL EFFECTS
Salt	<ul style="list-style-type: none"> - Naturally occurring salt - Road salt 	<ul style="list-style-type: none"> - Soil that contains salt - Stored road salt - Salt applied to roads 	<ul style="list-style-type: none"> - Kills crops or reduces yields - Contaminates freshwater supplies, making them undrinkable
Minerals	<ul style="list-style-type: none"> - Carbonate 	<ul style="list-style-type: none"> - Rock and soil - Chemicals applied to farm fields 	none
Nutrients	<ul style="list-style-type: none"> - Fertilizers 	<ul style="list-style-type: none"> - Runoff from agricultural lands and urban areas - Industrial discharge 	<ul style="list-style-type: none"> - Stimulate growth of algae, which then decomposes, using up oxygen and harming aquatic life
Toxic chemicals	<ul style="list-style-type: none"> - PCBs - Pesticides 	<ul style="list-style-type: none"> - Industrial sites - Automobiles - Farms and gardens - Municipal wastewater - Chemical spills 	<ul style="list-style-type: none"> - Mild immune suppression - Acute poisoning - Reproductive Failure
Acid	<ul style="list-style-type: none"> - Sulfuric acid - Nitric acid 	<ul style="list-style-type: none"> - Acid rain from electric power generation, industrial stack, and auto/truck emissions - chemicals from mining 	<ul style="list-style-type: none"> - Harms aquatic organisms - Moves heavy metals from soils into water bodies - Damages trees
Heavy metals	<ul style="list-style-type: none"> - Lead - Cadmium - Zinc - Mercury 	<ul style="list-style-type: none"> - Industries - Mines - Landfill sites 	<ul style="list-style-type: none"> - Accumulates in the tissues of fish and shellfish - Toxic to animals and humans who eat them
Micro - organisms	<ul style="list-style-type: none"> - Salmonella - E. coli - Giardia 	<ul style="list-style-type: none"> - Domestic sewage - Cattle and other livestock - Natural sources 	<ul style="list-style-type: none"> - Spread infectious diseases through contaminated drinking water
Organic matter	<ul style="list-style-type: none"> - Waste from cattle 	<ul style="list-style-type: none"> - Industrial waste water - Farm sewage 	<ul style="list-style-type: none"> - Uses up oxygen from the water as it decomposes, suffocating aquatic life

