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Table 1. Pollutants in Stormwater Runoff

| Pollutant | Source | Impact to Water Body |
|-----------------------------|---|---|
| Sediments | Eroding rock, soil, or organic material from building sites, streets, and lawns | Clogged waterways, increased turbidity, and reduction of bottom living organisms |
| Nutrients | Nitrogen and phosphorous from landscape runoff, atmospheric deposition, and faulty septic tanks | Unwanted growth of algae and undesirable aquatic weeds, scum, and water discoloration |
| Heavy Metals | Lead, cadmium, chromium, copper, mercury, and zinc from vehicles, highway materials, atmospheric deposition, and industry | Disruption of fish reproduction, fish toxicity, and potential for ground water contamination |
| Oxygen Demanding Substances | Decaying organic matter | Death of fish and aquatic life forms |
| Petroleum Hydrocarbons | Oil, grease, and various hydrocarbons from roads, parking lots, leaking storage tanks, and improper oil disposal | Toxicity to aquatic life and adverse impacts on benthic communities |
| Pathogens | Coliform bacteria and viruses from animal waste, septic systems, sewer cross-connections, and boats and marinas | Contamination of swimming, fishing areas, or drinking water |
| Toxics | Pesticides, solvents, and chemicals from lawns, gardens, and commercial and household activities | Interference with respiration of fish and aquatic life forms |
| Others | Changes in the temperature or physical properties of water | Increased oxygen demand by fish and aquatic life forms and increased availability of toxic elements that harm organisms |

Source: South Florida Water Management Document



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