



WHAT'S IN YOUR WASTEWATER?

After using water to wash clothes, take showers & flush toilets, your wastewater can be quite dirty & contain many different contaminants that can endanger public health & the environment

1



NUTRIENTS

INCLUDING NITROGEN & PHOSPHORUS

Nutrients can result in algae blooms & **Nitrogen** in drinking water causes "blue baby syndrome"

2



ORGANISMS

A variety of bacteria, protozoa & micro-organisms accomplish **biological treatment** of sewage

3



PATHOGENS

Disease causing viruses, parasites & bacteria can cause **serious illness**

4



ORGANIC MATTER

Carbon based matter from human waste, paper products, detergents, foods & personal products

5



SOLIDS

Organic & inorganic materials, including "settled solids" (sludge), "suspended solids" & "dissolved solids"

6



CHEMICALS

All **chemicals** from detergents, cleansers & personal products

7



PHARMACEUTICALS

DON'T FLUSH YOUR DRUGS

Residual **drugs & hormones** present in urine

8



GASES

Gases can cause **odors** & may be **dangerous** - methane, hydrogen sulfide & ammonia are present

BE AWARE OF WHAT GOES DOWN YOUR DRAINS 