

What Is In The Water?

Pollution



EDUCATE

Learn this before it gets worse

There are dangerous materials in the water such as metals, p.f.a's, p.c.b's, pathogens, pharmaceuticals, radionuclides, and other dangerous chemicals.



CAUSES

These are the Culprits !

Agricultural runoff, industrial discharges, sewage/waste water, urban runoff, oil spills, plastic waste, hazardous waste sites, air pollution.



PREPARE

Do what you have too

Using safe water now requires preparatory measures.



EFFECTS

What can happen to us !

Gastrointestinal infections, cancer, reproductive issues, cardiovascular problems, bio-accumulation, eutrophication,



SOLUTIONS

Take Action 🌟

Step 1: Regulation
Step 2: Reforest Society
Step 3: Reduce Plastic
Step 4: Water Treatment
Step 5: Green Agriculture

Causes

The industrial industry pollutes our water. Chemical runoffs pollute our water. Chemicals in the air pollute our rain water.

Micro-plastics and pfas are everywhere. Storms spread the pollutants. Oil spills pollute our oceans. Ships pollute our oceans.
etc. etc.



Effects

Heavy Metals: neurological damage, kidney problems, cancer

Pesticides: reproductive issues, endocrine disruption, cancer

Pharma: respiratory infection + reduced lung function

Radionuclides: kidney damage, cancer

Pathogens: gastrointestinal illnesses and other infections



HEAVY METALS



PHARMACEUTICALS



PESTICIDES



RADIONUCLIDES



PATHOGENS

Preparation

Make your water a priority !



Water Generation

Produce your water

WATER FROM AIR



FILTERS

Water Filtration

Filter your water



Water Testing

Test your water

GET IT TESTED

TBTV

Water Storage

Store your water

STORAGE MISTAKES

Education

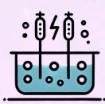
The More You Know The better !



FOR KIDS Summary of Pollution



OLD WORLD How to filter water with clay, peanut shells, heat + silver



ELECTROLYSIS How to remove chemical compounds from your water



PER/POLYFLUOROALKYL What are forever chemicals



PHARMACEUTICAL H2O Is there medicine in the water



PATHOGENS = ILL What microbes will make you sick



MICROPLASTICS Are there microplastics in our water



EUTROPHICATION The cause of 'Dead Zones'



PESTICIDE STUDY The short term/long term effects



Solutions

Our societal structure is built upon systems that create pollution but there are many things we can do.

STEP 1:

PLANT TREES 🌳 : Reforesting areas with local species is crucial.

Phytoremediation

STEP 2:

BE CONSERVATIVE 🌿 : Less water to treat.

The C.P.A.

STEP 3:

EMBRACE NEW TECH 🤖 : .Doing what we can with what we have

Ondo Leak Bot

World governments are implementing stricter guidelines for organizations that produce air pollution.

STEP 1:

REGULATE INDUSTRY ⚙️ : .Implement penalties and incentives.

Clean Water Act 1972

STEP 2:

REGULATE INDUSTRY ⚙️ : .Implement penalties and incentives.

PFA Protection 2024

STEP 3:

REGULATE INDUSTRY ⚙️ : .Implement penalties and incentives.

Clean Water Act Section 401