

Utah's
*Choose
Safe
Places*



Drinking Water

About 90% of people in the U.S. get their water from a community water system.





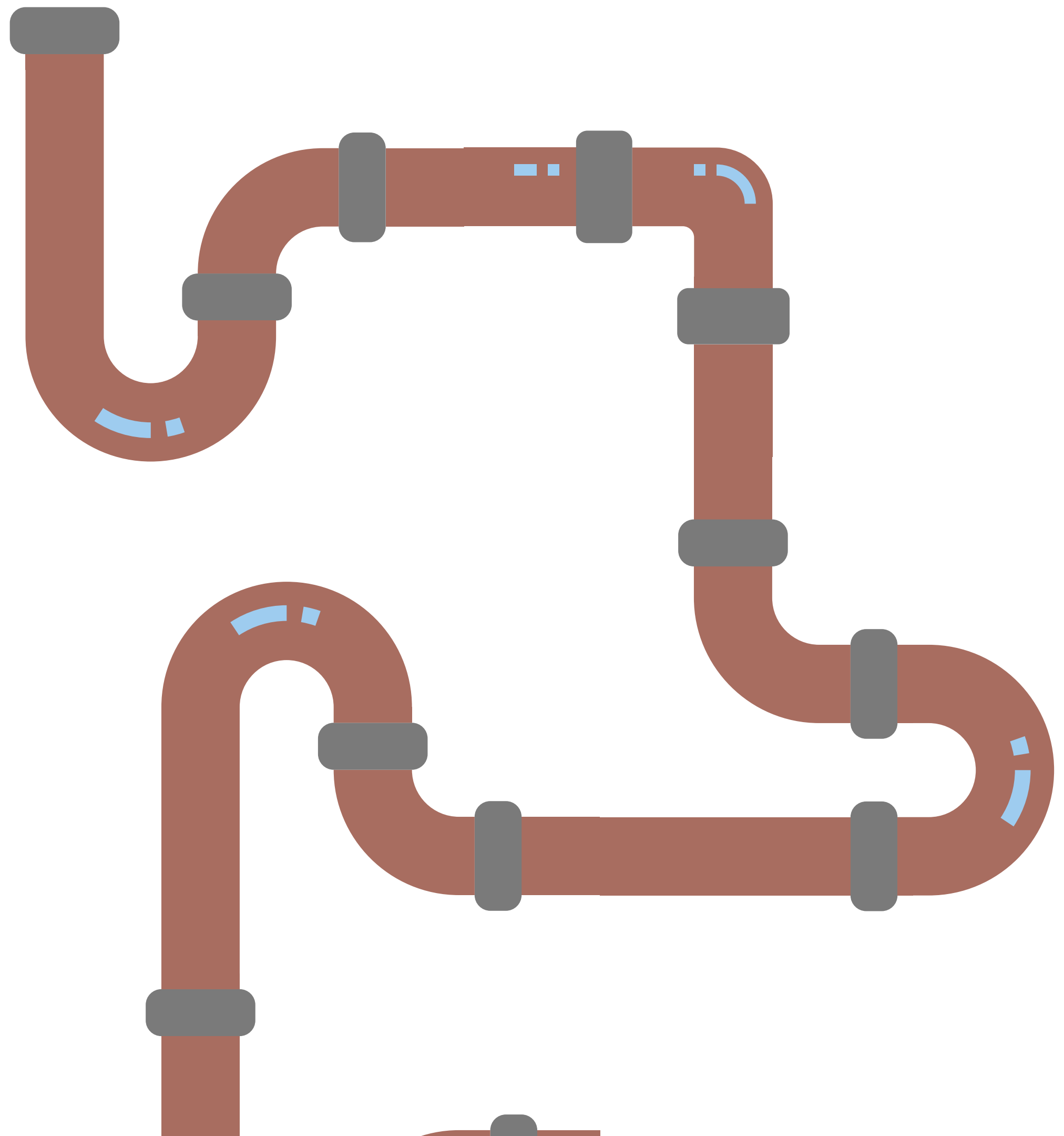
**Children drink
more water per
kilogram of
body weight
than adults.**



Sources of Water Contamination



Old Plumbing



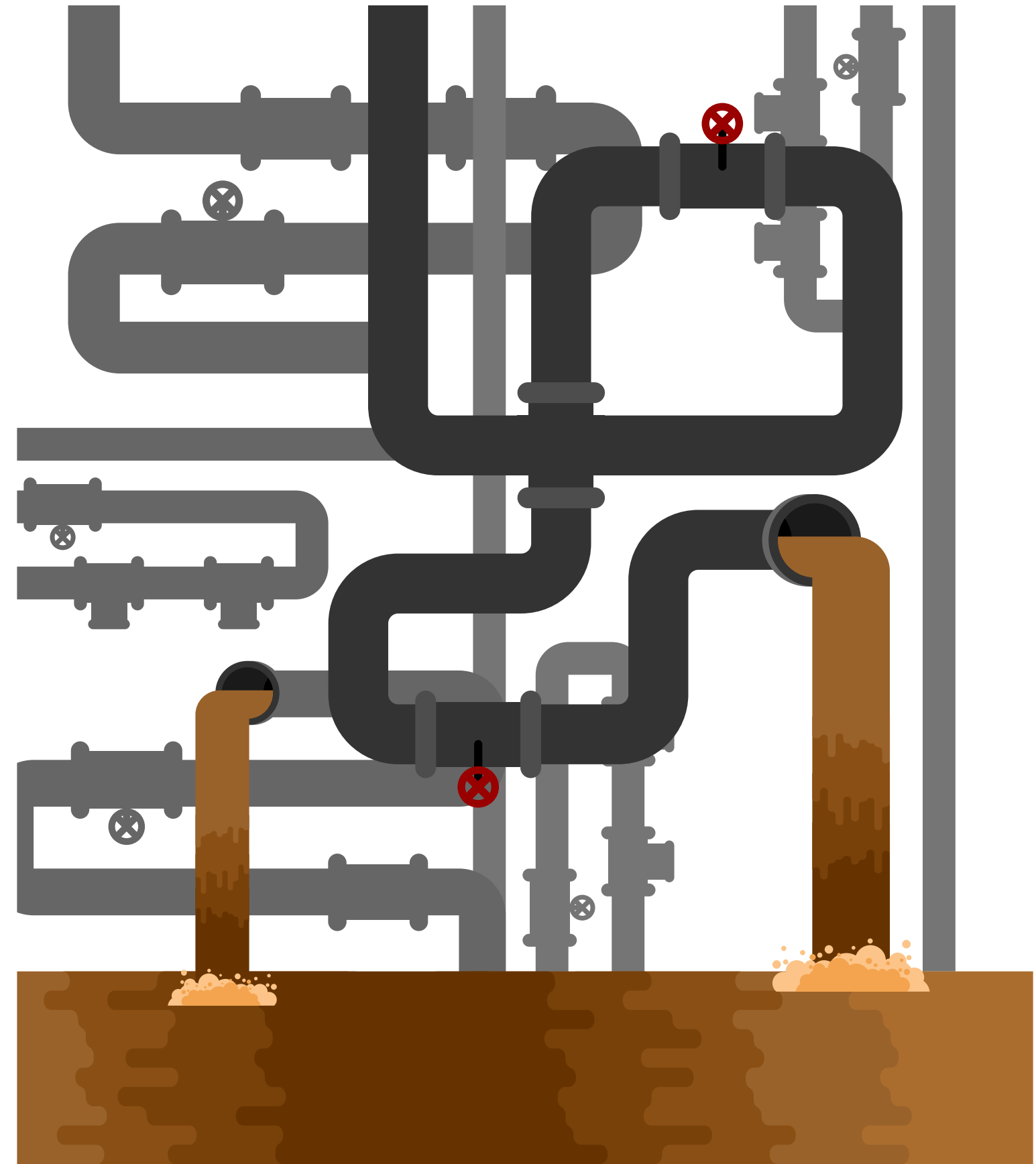
Fertilizers & Pesticides



Manufacturing or Industrial Processes



Sewer Overflows



Malfunctioning Wastewater Treatment Systems



Natural Disasters



Common Water Contaminants



Lead



Arsenic



Acute Arsenic Poisoning



Acute Arsenic Poisoning



Abdominal Pain

Acute Arsenic Poisoning



Abdominal Pain

Vomiting

Acute Arsenic Poisoning



Abdominal Pain

Vomiting

Diarrhea

Long-Term Exposure



Long-Term Exposure



Skin Cancer

Long-Term Exposure



Skin Cancer

Bladder Cancer

Long-Term Exposure



Skin Cancer

Bladder Cancer

Lung Cancer

Copper



Acute Copper Poisoning



Acute Copper Poisoning



Nausea

Acute Copper Poisoning



Nausea

Vomiting

Acute Copper Poisoning



Nausea

Vomiting

Diarrhea

Severely High Levels of Exposure



Severely High Levels of Exposure



Liver Damage

Severely High Levels of Exposure



Liver Damage

Kidney Damage

Severely High Levels of Exposure

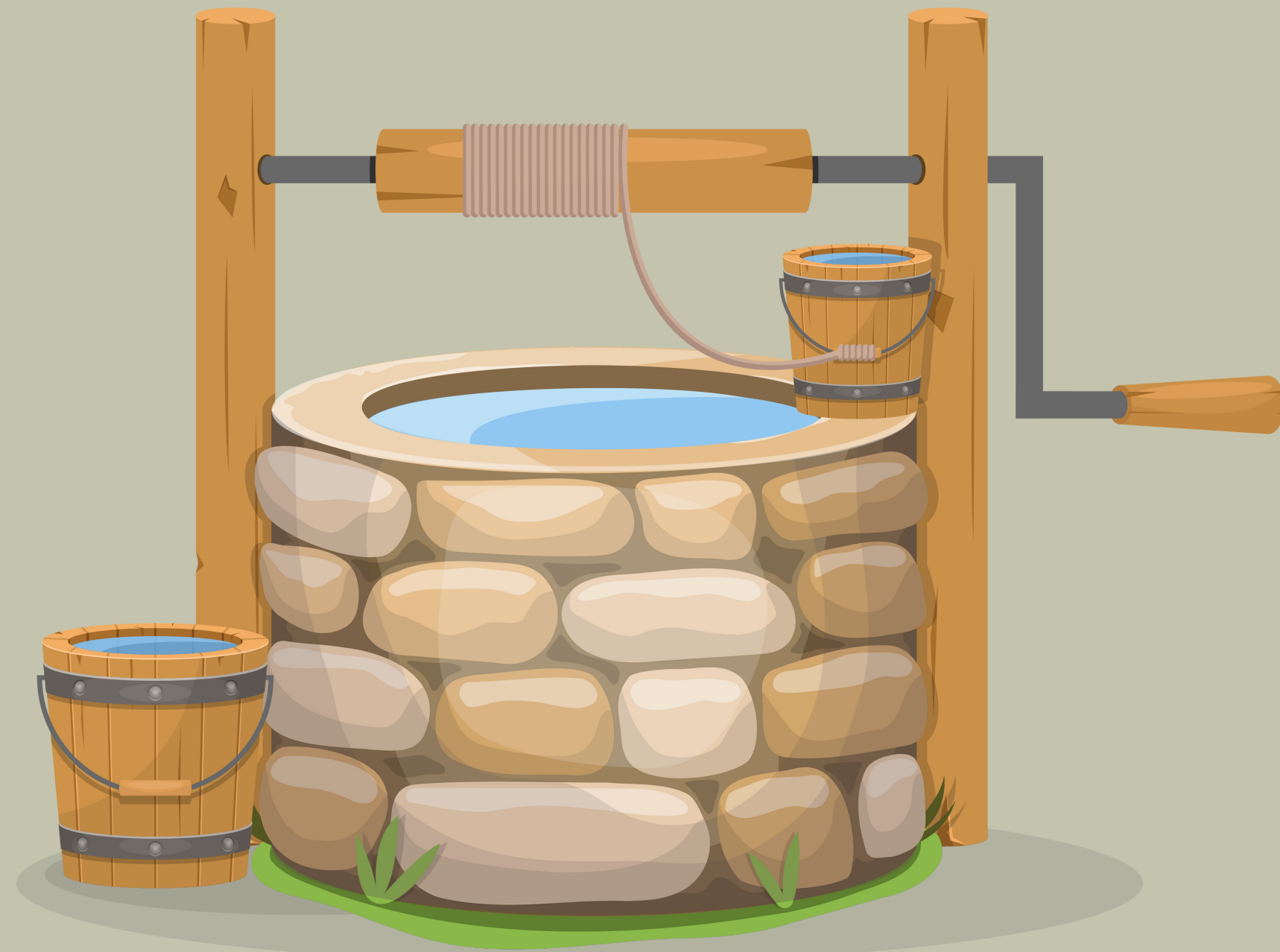


Liver Damage

Kidney Damage

Death

Testing Your Water

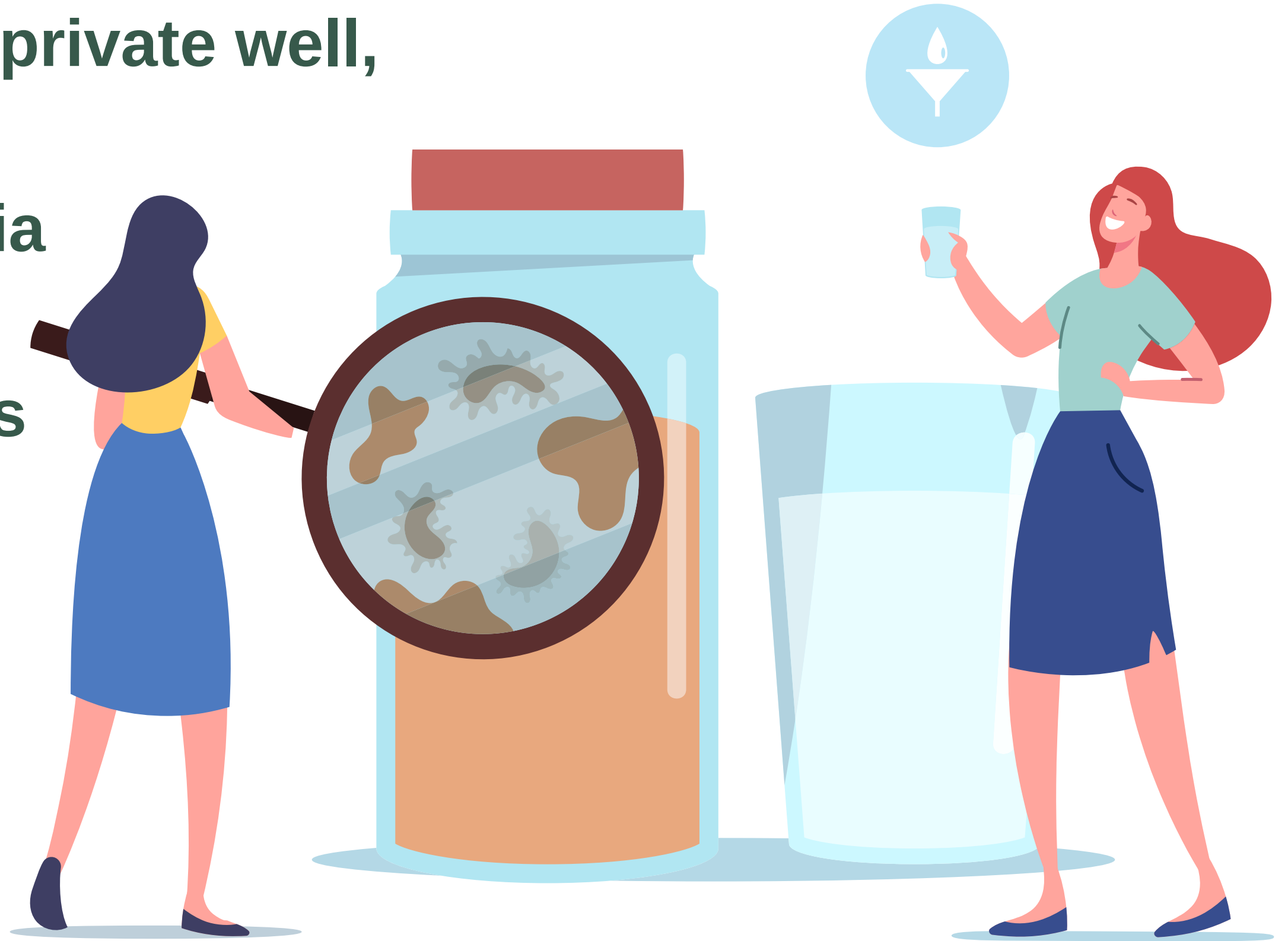


**Contact a certified
laboratory in your state or
call your local health
department.**



**If your water source is a private well,
test it annually for:**

- **Total coliform bacteria**
- **Nitrates**
- **Total dissolved solids**
- **pH levels**



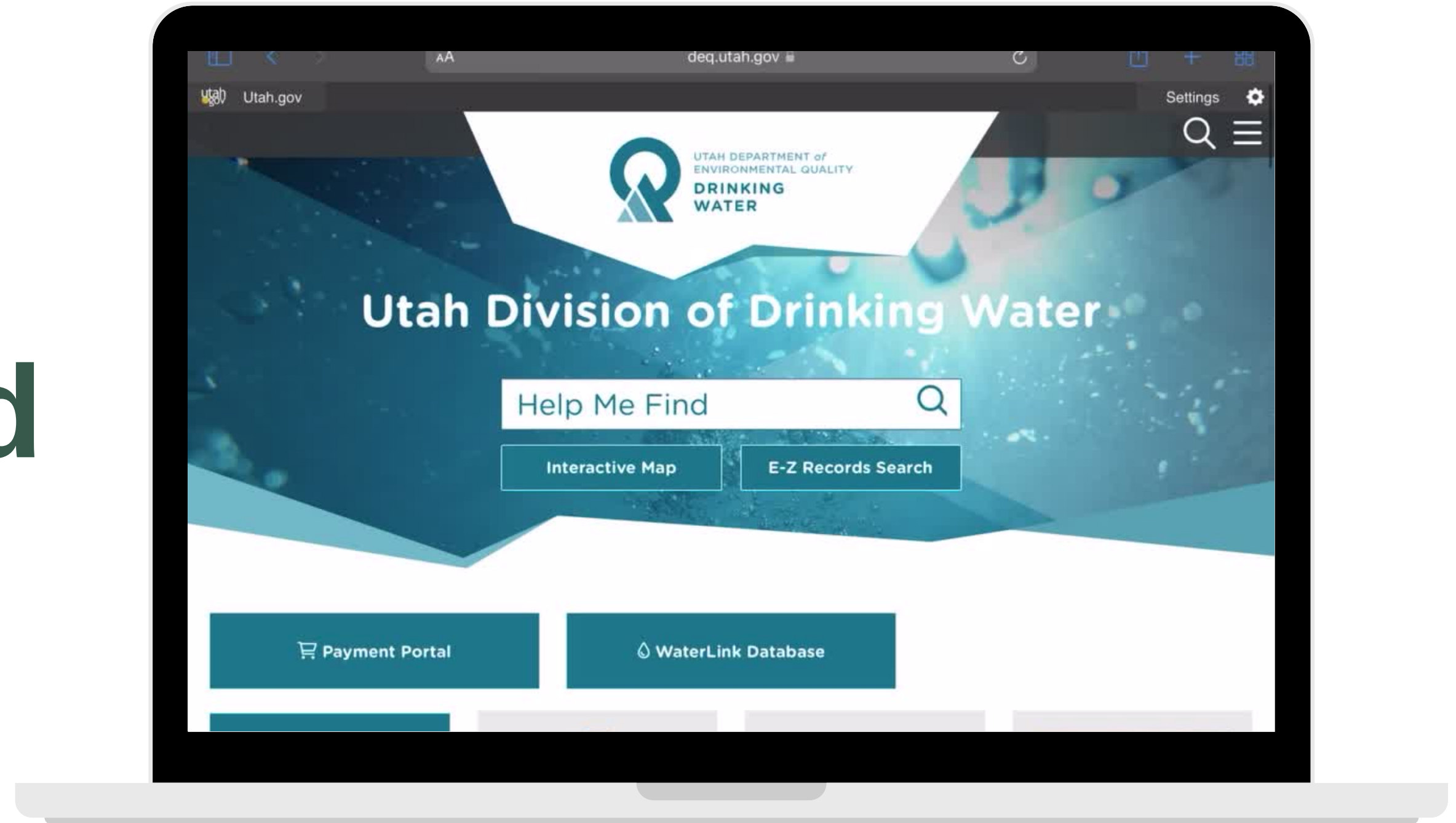
**Childcare providers
that use private wells
should test more
frequently.**



Protect Your Water



Be Informed



<https://deq.utah.gov/division-drinking-water>

Be Observant



Be Involved



Prevent Water Contamination



Thank You!



Contact Us:
APPLETREE@utah.gov
(801) 538-6191

Resources



Utah APPLETREE Program: Choose Safe Places

appletree.at.utah.gov/utah-choose-safe-places/about-ut-choose-safe-places/



Utah Environmental Public Health Tracking: Drinking Water

epht.health.utah.gov/epht-view/topic/DrinkingWater.html



Utah Department of Environmental Quality: Division of Water Quality

deq.utah.gov/division-water-quality



Children's Environmental Health Network: Fact Sheets

cehn.org/our-work/eco-healthy-child-care/ehcc-factsheets/