

The background is a solid teal color. In the center, there are several overlapping, semi-transparent light blue shapes that resemble water droplets or organic forms. The text 'WATER' is positioned above 'CONTAMINATION', both in white, bold, sans-serif capital letters. The text is centered horizontally and partially overlaid by the light blue shapes.

WATER CONTAMINATION

WHERE CAN YOU FIND WATER?

Where does your water come from?

- You can get water from your home, school, wells, streams, rain, lakes, and more!

Let's talk about it: Where do you get your water?

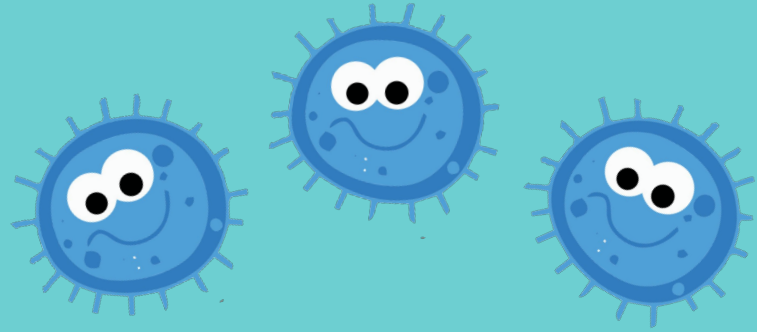
- Water can come from many sources, but not all water is clean...



BACTERIA AND YOUR HEALTH

What are bacteria?

- Bacteria, also called germs, are tiny organisms that live everywhere—both inside and outside of your body!
- Some bacteria are good for you, but some bacteria are bad and can make you sick.
- You'll get to learn more about bacteria later!



Fun Fact: Did you know that bacteria has been on the planet for more than **3.5 billion** years? Bacteria are one of the oldest known life-forms on Earth!

CAN WATER MAKE YOU SICK?

Drinking dirty water can make you feel sick

- Watch out! Not all water is clean
- Dirty water can contain bad bacteria and other contaminants like leaves, dirt, chemicals, and more!
- Drinking clean water is important to staying healthy

Let's talk about it:

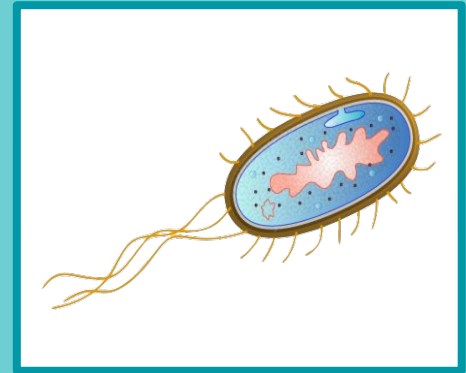
Can you think of other possible water contaminants?



WATER CONTAMINANT: BACTERIA

What else can contaminate water?

- Think back to what you learned in Module I...
- In addition to chemical contaminants (like arsenic), bacteria can also contaminate water!
- *E. coli* is one kind of bad bacteria that can be found in dirty water
 - The LATAM Intelligent Filter can filter out these contaminants!



E. COLI

DIRTY WATER AND SICKNESS

How do you know if you're sick?

- If you feel nauseous, have a fever, have diarrhea, or are vomiting (throwing up), you might be sick with a waterborne illness!
- If you feel any of these symptoms, make sure to tell an adult!
- These symptoms may also be caused by the flu

A waterborne illness is a sickness that is from drinking contaminated water!



NAUSEA & VOMITING



FEVER

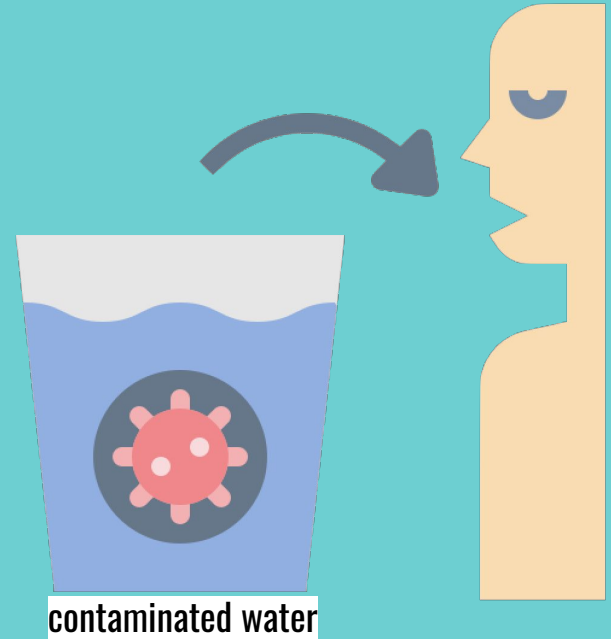


DIARRHEA

WATERBORNE ILLNESSES

How do you get a waterborne illness?

- You can get sick from bad germs in your water:
 - **Ingestion**: Drinking contaminated water or eating contaminated fruits and vegetables
 - **Touch**: Getting your hands dirty with bad bacteria and then touching your mouth, nose, or eyes
- Later in this module, you will learn how you can prevent sickness and stay healthy!



SICKNESS: DIARRRHEA

What is diarrhea?

- Diarrhea is a very common sickness caused by bad bacteria in your digestive system
- When you have diarrhea, you might have loose and watery poop, stomach pain, and cramps
- Watch out! Diarrhea can lead to dehydration because your body loses a lot of water through defecation



TREATING DIARRHEA

How can you treat diarrhea?

- Drink water to **stay hydrated!**
- Eat foods that contain salts and sugars
- Get plenty of rest
- You can also check the color of your pee, like you did in Module 2, to see if you are drinking enough water!



Remember this
chart from
Module II?



PEE COLOR