



Aquagenx


Portable Water Quality Test Kits

Safe Drinking Water and Water Quality in Your Community

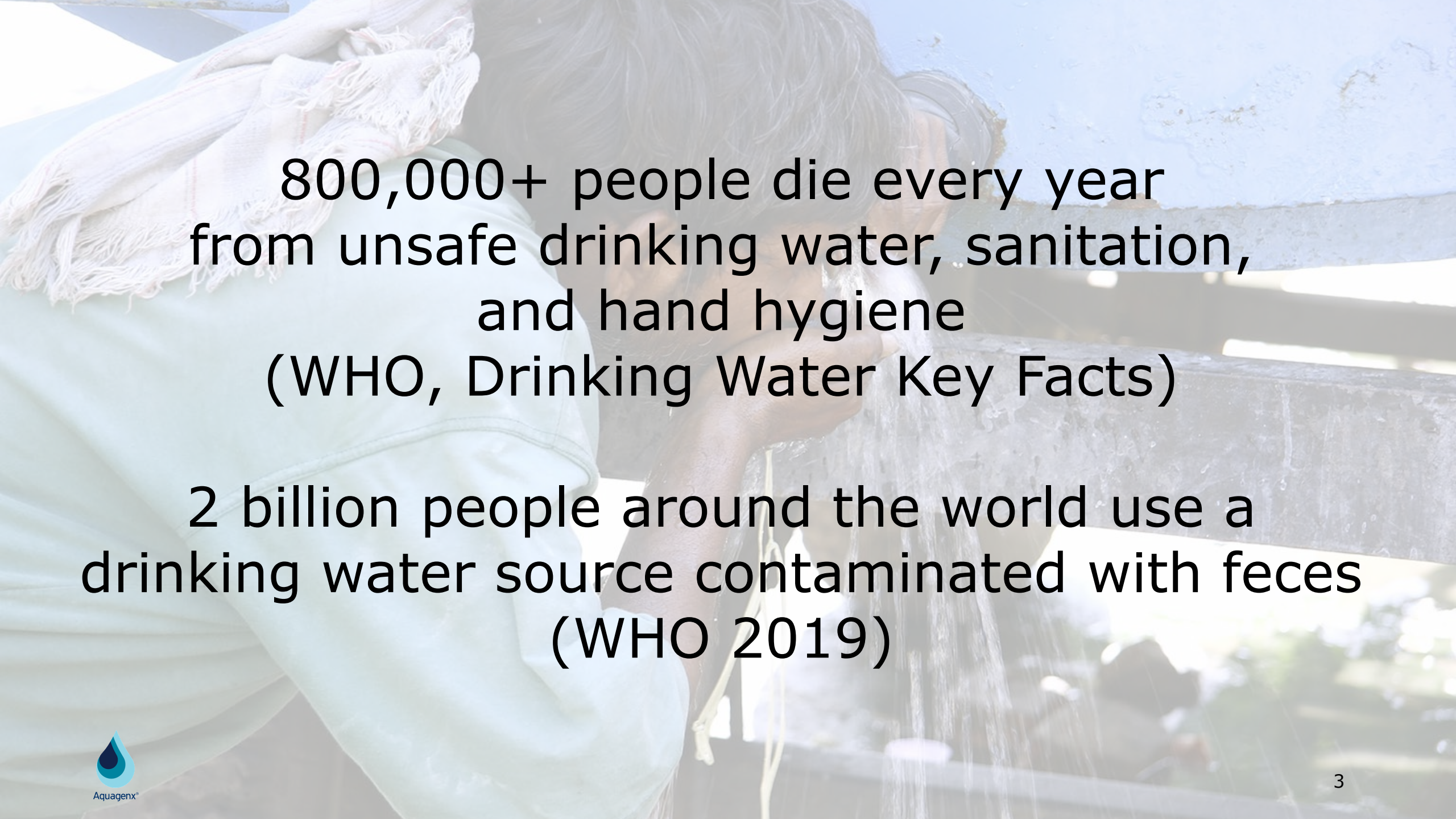


World Water Day - March 22, 2021



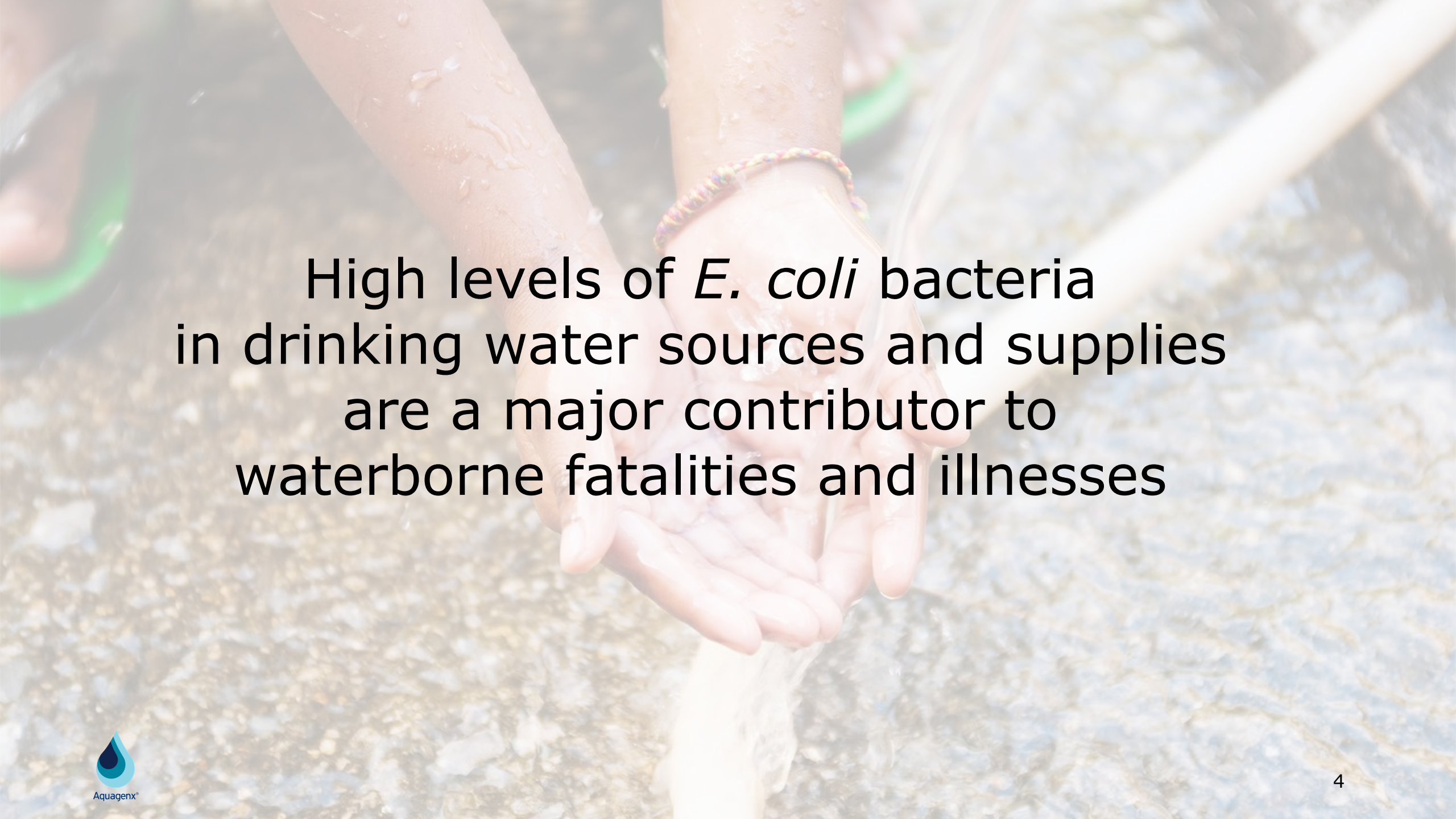
A group of children in school uniforms are gathered around a water tap. One child is filling a white container, while others stand nearby. The scene is outdoors, with a brick wall and a colorful building in the background.

A major threat to human health is fecal pathogens transmitted by harmful bacteria in drinking water

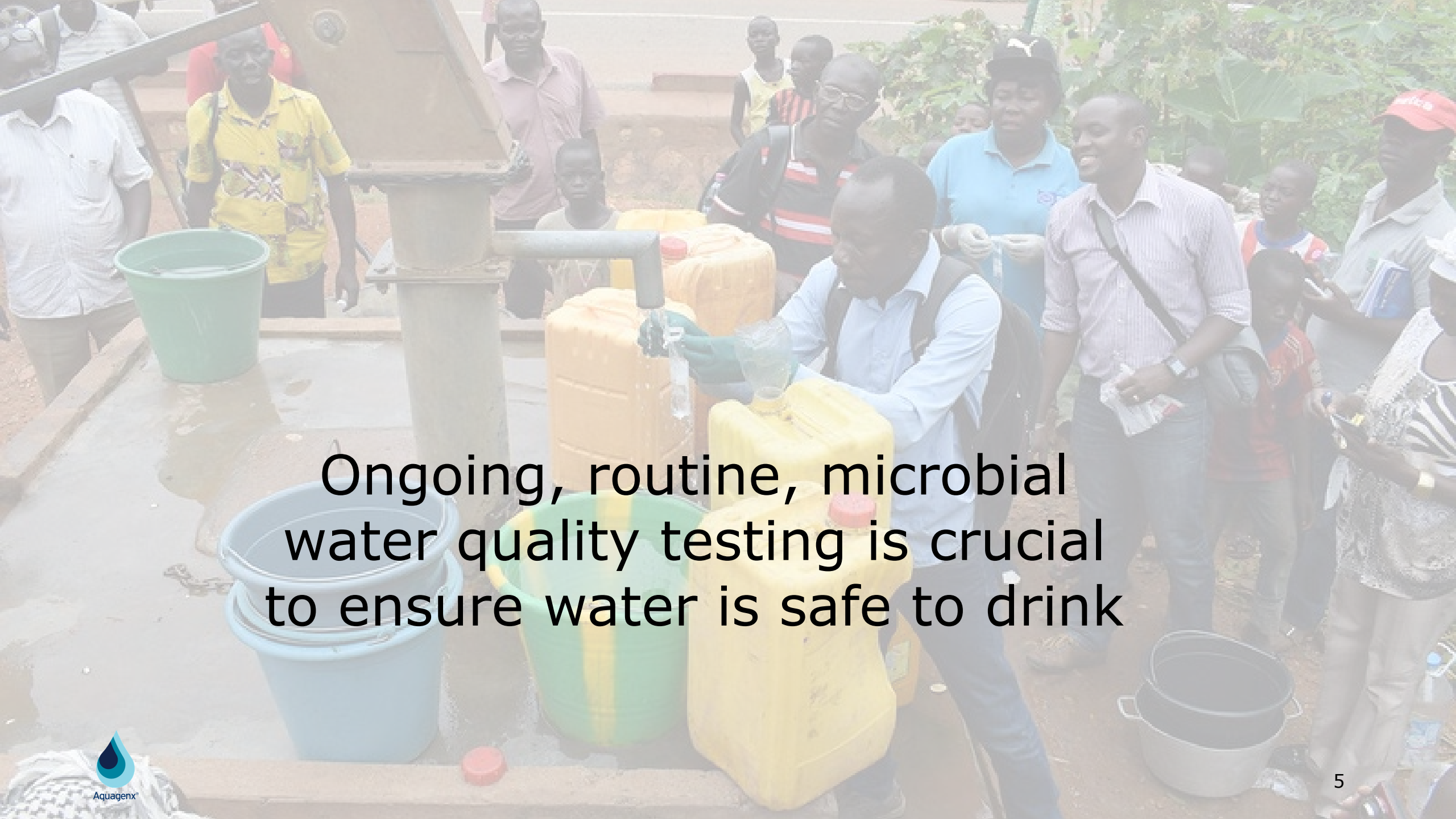
A person with long dark hair, wearing a light blue shirt, is shown from the side, washing their hands in a public water station. Water is cascading over their hands. The background is a light blue wall with some wear and tear. The text is overlaid on the image.

**800,000+ people die every year
from unsafe drinking water, sanitation,
and hand hygiene
(WHO, Drinking Water Key Facts)**

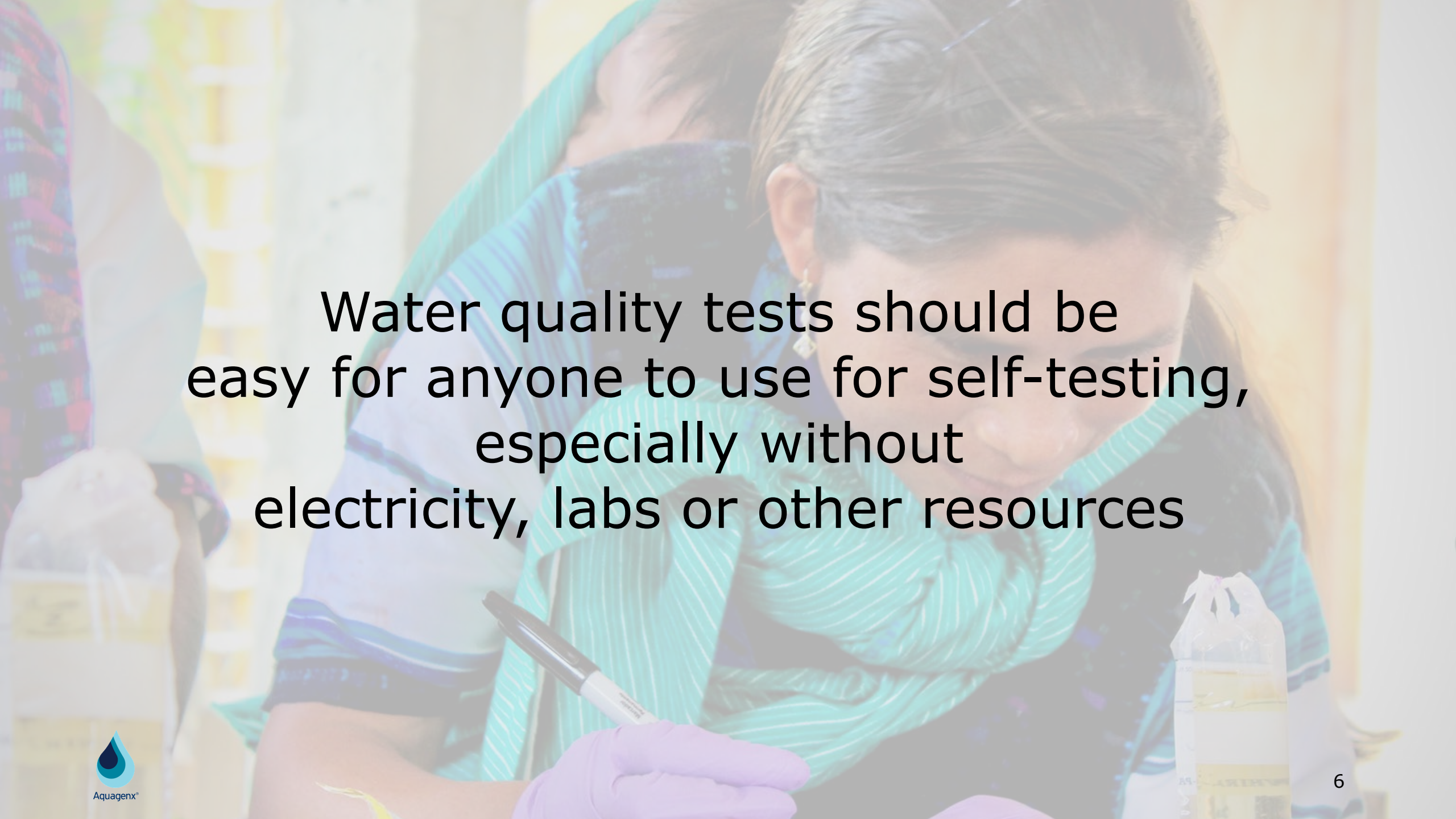
**2 billion people around the world use a
drinking water source contaminated with feces
(WHO 2019)**



High levels of *E. coli* bacteria
in drinking water sources and supplies
are a major contributor to
waterborne fatalities and illnesses



Ongoing, routine, microbial water quality testing is crucial to ensure water is safe to drink



Water quality tests should be easy for anyone to use for self-testing, especially without electricity, labs or other resources

Aquagenx[®] CBT EC+TC Kit

Simultaneously detects *E. coli* and Total Coliforms bacteria in 100 mL sample



CBT EC+TC Presence/Absence (P/A) Kit

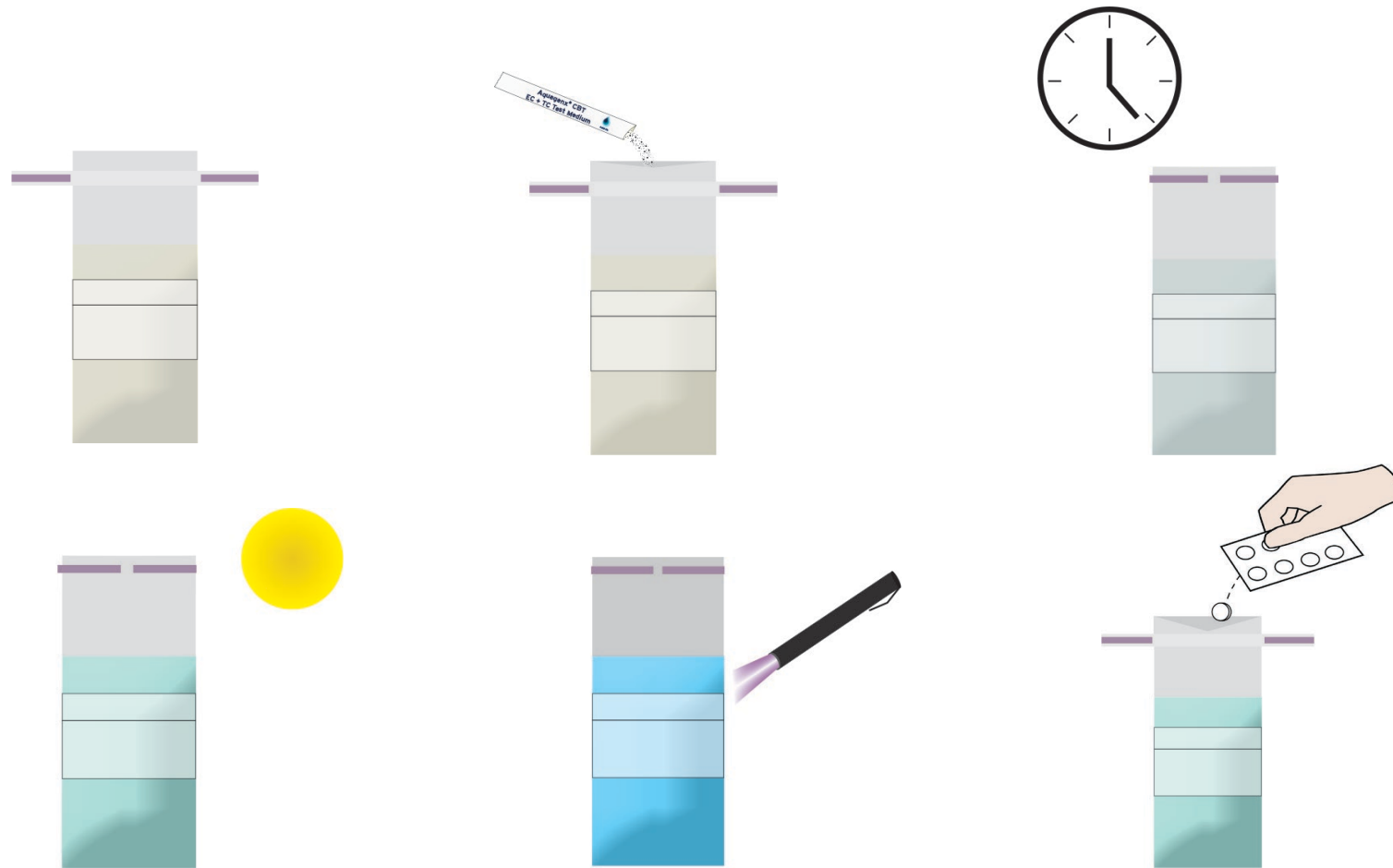


CBT EC+TC Most Probable Number (MPN) Kit

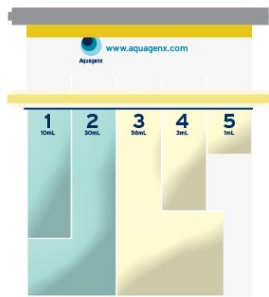
Simplicity!

- Easy to learn to use with basic training and capacity
- No lab, no electricity, no cold chain required
- Designed for field level, on-site testing in low resource areas
- Works at variable ambient temperatures
- Ambient temperature incubation $\geq 25^{\circ}$ Celsius
- Ambient temperature test results in 20-48 hours
- Reliable color-change test results easy to interpret
- Contain small amount of light weight materials
- 2-year shelf life of growth medium
- Meet World Health Organization Drinking Water Quality Guidelines

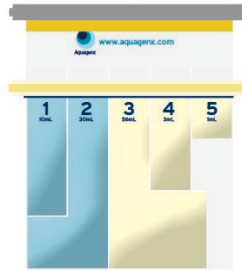
CBT EC+TC P/A Kit



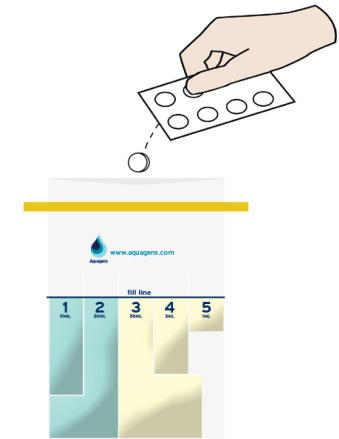
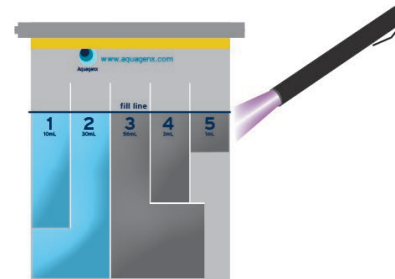
CBT EC+TC MPN Kit



Well	1	2	3	4	5
Color	Green	Green	Green	Green	Green
MPN	0	0	0	0	0



Well	1	2	3	4	5
Color	Green	Green	Green	Green	Green
MPN	0	0	0	0	0



Digital, Mobile Data Collection and Sharing

Smart phone apps support the CBT EC+TC MPN Kit

akvo
caddisfly

 **mWater**



Who Uses Our Test Kits

- Government agencies and departments
- NGOs and humanitarian aid
- Disaster response
- Local water committees
- Citizen scientists
- Research institutes and universities
- Private companies
- Private well owners

Contact Us!

Let us help you simplify
water quality testing

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