How Water is Contaminated

Key Messages:

- Water is contaminated due to human behaviors.
- Any unprotected source of water, such as: rivers, lakes, and streams, can be polluted with chemical waste from industries, microbes from human and animal feces, as well as domestic waste.

Action:

- Do not use untreated water which might be from contaminated sources.
HOW WATER IS CONTAMINATED
Key Messages:

- There are at least 4 ways microbes may transfer from poop to your mouth:
  - Unclean hands
  - Flying insects such as flies
  - Contaminated water (untreated)
  - Unwashed fruits and vegetables

Action:

- To protect yourself from microbes adopt the following practices:
  - Always wash your hands properly
  - Protect your food from flying insects
  - Only use treated water from well-known sources
  - Wash your fruits and vegetables thoroughly before cooking or eating
MICROBES COME FROM POOP
Key Messages:

- Clear water does not guarantee it is safe water for human consumption.
- Microbes are too small for human eyes to see.
- Once microbes get into your body, 4 things may happen to you:
  - Vomiting
  - Diarrhea
  - Hospitalization
  - Loss of life
  All of the above involve a loss of money.

Action:

- Prevention is always more effective than therapy once microbes are in your system.
- Always use treated water from well-known sources.
Contaminated water contains microbes that make you sick!
Stop Microbes by Treating Drinking Water

Key Messages:

- Complete safe water treatment is comprised of three stages:
  - Sedimentation, Filtration and Disinfection.
- Each of these stages can be done using different methods as described in the poster.

Action:

- Always complete your water treatment with disinfection.
- The best disinfection method will leave your treated water with residuals.
SEDIMENTATION

FILTRATION

DISINFECTION

STOP MICROBES
TREAT YOUR WATER
Key Messages:

- Through experience, Water Mission (WM) has found the disinfection residual Chlorine to be best suited for water treatment in rural settings.
- The LWTS filters and disinfects water with the use of Chlorine.

Action:

- Start using water treated with chlorine residual.
- Start collecting water from the WM LWTS today.
Water Treatment System
Disinfect Your Water with Chlorine

Key Messages:

- You need to wait at least 30 minutes after adding chlorine to your water before it is safe to drink.
- To preserve chlorine:
  - Store it in a shaded area away from the sunlight
  - Keep chlorine sealed to prevent evaporation
  - Keep chlorine out of children's reach

Action:

- Start using water treated with chlorine residual.
- Start collecting water from the WM LWTS today
DISINFECT YOUR WATER
CHLORINE
Chlorine Saves Lives

Key Messages:

- Untreated water may contain microbes which can make us sick and can even kill us.
- When chlorine is involved in the water treatment process, microbes are killed and our lives are saved.

Action:

- Always make sure your water is safe by testing to see if it contains chlorine before using it.
- The smell or taste of chlorine gives you assurance that your water has been treated, and therefore is safe for human consumption.
CHLORINE SAVES LIVES

Poster 4

Promotion Cycle 2
Storing Your Treated Water Safely

Key Messages:

- When storing your treated water always make sure your storage container is covered.
- Containers with small openings are most effective at preventing water recontamination.
- The use of a tap on the outside of a container is better than collecting water from inside the container by using a cup or a ladle.

Action:

- Keep a separate container dedicated for treated water.
- Keep your treated water container clean at all times.
STORE YOUR TREATED WATER SAFELY
Key Messages:

- Wash your hands with soap and clean, running water after using the toilet, cleaning a child or touching animals.
- Wash your hands with soap and clean, running water before preparing food, eating food or feeding a child.

Action:

- Prepare and dedicate a container of safe water and soap to use whenever you need to wash your hands.
STOP MICROBES
WASH YOUR HANDS
**Wash Your Hands Well**

**Key Messages:**

- The 10 steps to wash your hands:
  - Wet your hands with safe running water
  - Apply soap to both hands
  - Rub hands thoroughly to produce foam
  - Rub thoroughly between fingers from outside
  - Rub thoroughly between fingers from inside
  - Rub your fingernails onto your palm to remove particles stuck inside
  - Rub thoroughly around the base of your thumbs
  - Rub thoroughly the palms to your hands
  - Rinse your hands with safe, running water
  - Dry your hands with a clean, dry towel or simply let them air dry

**Action:**

- Start washing your hands with the ten steps in mind; practice makes perfect.
Wash Your Hands

1. Wet hands
2. Apply soap
3. Scrub hands
4. Scrub wrists
5. Scrub between fingers
6. Scrub back of hands
7. Scrub sides of hands
8. Rinse hands
9. Dry hands
10. Inspect hands
Stop Microbes by Protecting Your Well

Key Messages:

- Defecating in the open greatly spreads microbes.
- Constructing a latrine near a body of water also encourages the spread of microbes underground from feces to the nearby body of water.
- It is best to build a latrine far from any source of water. It will greatly minimize the spread of microbes.

Action:

- Resolve to set a standard and teach others by your actions.
- You can do this by no longer practicing open defecation, and planning the development of latrines at a safe distance from nearby bodies of water.
STOP MICROBES
PROTECT YOUR WELL
Key Messages:

- Your latrine should have a door and be equipped with a covered vent.
- Never throw your trash in your latrine; only fecal material should be deposited into your latrine.

Action:

- Resolve to set a standard and teach other by your own actions; take care of your latrine.
LOOK AFTER YOUR LATRINE
Stop Germs—Use Good Hygiene

Key Messages:

- Wash your hands with soap and clean, running water, after using the toilet, cleaning a child or touching animals.
- Wash your hands with soap and clean, running water, before preparing food, eating food or feeding a child.
- Wash your body and assist with bathing your children daily.
- Protect your food from flying insects such as flies.
- Wash your dishes after each use, and keep them clean.
- Bury fecal material and garbage.
- Keep your environment clean.

Action:

- Wash your hands with soap and clean, running water
- Wash your body and assist with bathing your children daily
- Protect your food from flying insect such as flies
- Wash and keep your dishes clean
- Bury fecal material and garbage.
- Keep your environment clean
STOP MICROBES
USE GOOD HYGIENE
**Stop Microbes Protect Your Water**

**Key Messages:**

- A clean environment minimizes the chances for the spread of microbes that are harmful to human health.
- Keep animals confined in one place.
- Sources of water should be well protected.
- Safe water storage containers should be clean and covered.
- Tools for hand washing, soap and clean, running water, should always be near by.

**Action:**

- Dialogue with your family and neighbors on how to start practicing best hygiene principles within your community.
  - This will not only improve the health status of your family but it will improve the health status of families around your community as well.
STOP MICROBES
PROTECT YOUR WATER
The Living Water

John 4:13-14a – Everyone who drinks this water will be thirsty again but whosoever drinks the water I give him will never thirst.

What do we understand by Water?

Water is the most wonderful gift that God has given to mankind, and in turn it is the most essential element for all living beings.

This is why it is said that: “Water is Life.”

It is also said that: “Water can be without Life while no Life without Water.”

This is true since it is supported by the word of God in Genesis 1:2b which tells us that the Spirit of God was hovering of the Waters.
From the beginning of the world Water was part of