



BRIGHT WATER FOUNDATION SAFE WATER INITIATIVE PROGRESS UPDATE 2025

Atiwa West District, Eastern Region, Ghana

BRIGHT WATER FOUNDATION AND HWTS

Ghana faces ongoing challenges in ensuring access to safe drinking water for all its citizens, particularly in rural and underserved areas. The success of Ghana's Household Water Treatment and Safe Storage (HWTS) strategy hinges on the active involvement of non-governmental organizations (NGOs) to provide vital support and resources.

Bright Water Foundation stands out as a crucial partner in this endeavor. Through a safe water initiative, Bright Water Foundation not only addresses immediate water safety concerns but also enables communities through education and sustainable practices. Their efforts in training Safe Water Educators, distributing OASIS Chlorine Tablets, and promoting safe water storage directly align with and bolster Ghana's HWTS strategy, ensuring a healthier and more resilient future for countless families.

Location	Population
Sankubenase	4,500
Akakom	1,200
Ekorso	4,500
Asunafo	6,500
Asamama	5,000
Abomosu	15,000
Akrofufu	9,000
Total	45,700

THE LOCAL BWF TEAM MADE 14,200 HOUSEHOLD VISITS TO TEACH SAFE WATER PRINCIPLES



MEET THE TEAM

77 Safe Water Educators (SWEs), trained in water testing and teaching methodology, educate and build safe water self efficacy household by household in their villages.



TEACH SAFE WATER
PRINCIPLES



GATHER WATER
SAMPLES



TEST WATER
SAMPLES



TEACH POINT OF
USE WATER
TREATMENT



COLLECT AND INPUT
EVALUATION DATA



LEAD SCHOOL
HEALTH CLUBS

PROGRAM OBJECTIVES AND CRITICAL INDICATORS

The program objectives met:

- ✓ (1) reach at least 75% of the population,
- ✓ (2) achieve at least 50% compliance for households regularly treating their water,
- ✓ (3) record at least a 25% reduction in childhood episodes of diarrhea, and
- ✓ (4) record at least a 10% reduction in days lost from school or work.



OF COMMUNITY HOUSEHOLDS WERE TAUGHT SAFE WATER PRINCIPLES

Percent of Households Drinking Water Tested Safe



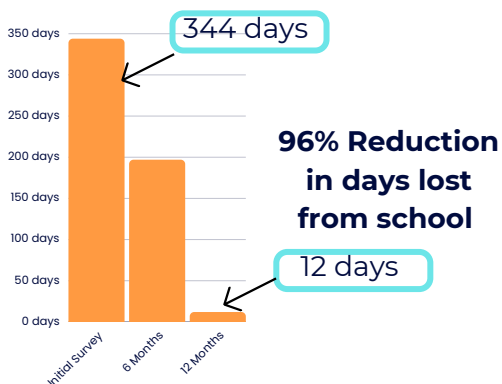
BWF observed a profound reduction in diarrheal disease and money spent on medical treatment

School Age Children Experiencing Diarrheal Disease



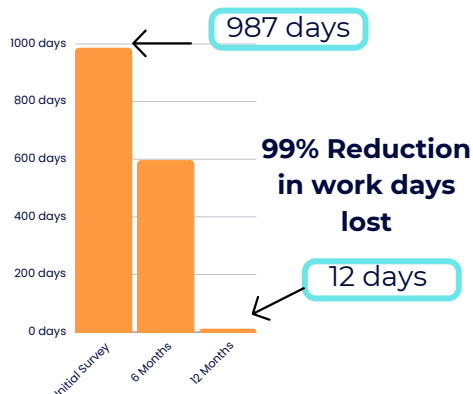
Families did not treat their water prior to the safe water initiative. After learning the BWF principles, water treatment rates increased dramatically.

Days Lost from School due to Diarrheal Disease



96% Reduction in days lost from school

Days Lost from Work due to Diarrheal Disease



99% Reduction in work days lost

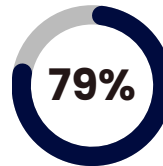
BRIGHT WATER FOUNDATION'S SAFE WATER INITIATIVE IS A HIGHLY EFFECTIVE IN REDUCING HOUSEHOLD WATER CONTAMINATION AND MINIMIZING WATERBORNE DISEASE

EXTERNAL SURVEY RESULTS (N=525)

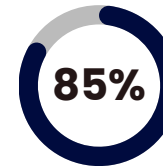
Significant amounts of data have been gathered since the program began. All data, however, has been gathered by BWF community safe water educators, without outside verification or scrutiny. A decision was made to invite the Atiwa West District Health Directorate to conduct a random survey across several of the more recent safe water education projects.

Survey Objectives:

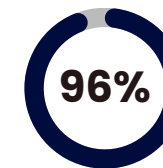
1. To determine the extent of point-of-use safe water education coverage within target communities.
2. To assess the quality of the education rendered by safe water educators.
3. To determine the level of household acceptance and willingness to practice drinking water disinfection at the point-of-use in the home.



of community households reported they were taught safe water principles



of community households who were taught know their water is unsafe



of community households who were not taught are interested or very interested in learning how to make their water safe

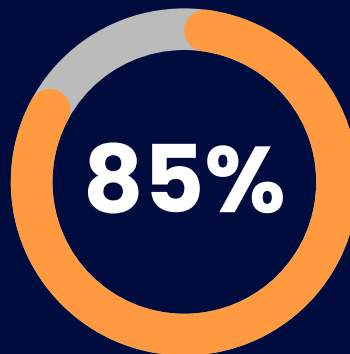
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3 out of 4 respondents felt their experience with the safe water educator was either **likeable** or **excellent**. Most of the remainder of interviewees thought the experience was "Okay."

4

A similar number understood **invisible germs cause disease**, recognized a need for a **dedicated drinking water container**, and knew the **importance of handwashing to decrease water contamination**

Are members of these communities willing to treat their water to prevent water borne disease?



A full 85% of those taught responded positively to using chlorine tablet treated water

Both Asamama and Asunafo overwhelmingly responded positively to liking and accepting the disinfected water, 90% and 93% respectively

MISSION STATEMENT



Ensure safe drinking water
in every home using
Point-Of-Use water disinfection.
This strengthens family self-reliance
and prevents water-borne disease
regardless of the water source.



BWF METHODOLOGY

The Teach-Test-Treat methodology is designed for use by individual households.

TEACH

teaching safe water principles and practice including point of use water disinfection

TEST

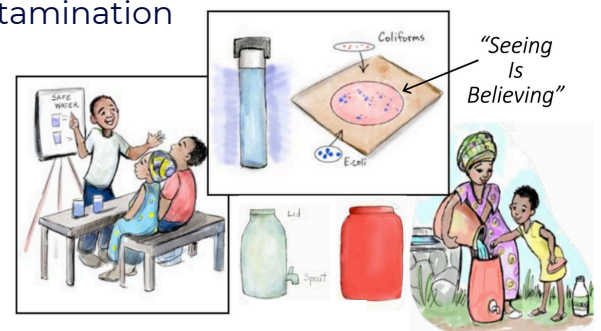
testing household water supplies using a simple science-based
water tests to verify and demonstrate water contamination

TREAT

self-treating of household water supplies
making it safe to drink

STORE

Sanitizing storage containers and establishing
hygiene practices to keep treated water safe



During the past several years, numerous rural villages have been introduced to this methodology with considerable success.

THE FUTURE OF BRIGHT WATER FOUNDATION

Through the continued collaboration with Bright Water Foundation, Ghana can make significant strides towards achieving universal access to safe and clean water

**TOGETHER WE CAN ELIMINATE WATERBORNE ILLNESS
SAFE WATER - BRIGHTER FUTURE**



BrightWaterFoundation.org