



# GHANA

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## THE PROJECT

**Project Location:** Brong Ahafo, Ghana

**GPS Coordinates:** Latitude:07 30.801 N Longitude:002 16.403 W

**People Served:** 700

**Report Presented To:** Riverside United Methodist Church

## THE COUNTRY

According to the latest UNDP report, Ghana is ranked 130<sup>th</sup> out of 169 countries with comparable data in the United Nations Human Development Index. The domestic economy revolves primarily around agriculture, which employs about 55 percent of the country's workforce and comprises approximately 35 percent of the GDP. Even though Ghana has around twice the per capita output of the poorest countries in West Africa, the country remains deeply dependent on international financial assistance.

Ghanaian women rank among the poorest 20 percent in the world; they are the primary caretakers of the household. They are "poorest of the poor" and are responsible for around 60 percent of the country's agricultural production. Ghana suffers from high infant death rates, undernourished families, and lack of education.

## OUR WORK IN GHANA

Although 80 percent of Ghana's population has access to an improved water source, this statistic masks inequalities between rural and urban areas. One third of rural populations lack access to safe drinking water. Only 10 percent of Ghanaians have access to adequate sanitation services. One in every nine Ghanaian children die from water related diseases before they reach their fifth birthday.

Since 1998, Living Water International has operated throughout Ghana, from the northern regions near Tamale all the way to the southern Volta region and the coast. In the years since beginning the program in Ghana, our implementing partners have successfully completed more than 310 water projects for Ghanaian villages, orphanages, and hospitals. A team of trained nationals works in country, drilling new wells and rehabilitating broken pumps for communities in need. With the continued help of our partners on the ground and donors around the world, Living Water hopes to complete more than 30 water projects in Ghana in 2011.

## THE DATA

**Population:** 24.3 million

- 20% without access to an improved water source
- 90% without adequate sanitation services
- 30% living below the poverty line

**Life expectancy:** 57 years

**Infant mortality rate:**  
76 per 1000 live births

**GNI per capita:** \$1385 USD

Sources: World Bank, UNICEF, USAID, UNDP, CIA World Factbook

Official statistics often understate the extent of water and sanitation problems, sometimes by a large margin. Insufficient resources for monitoring population and/or coverage as well as varying definitions of coverage and access contribute to statistical variability.



## GENERAL INFORMATION

When the team arrived, community members were utilizing a river, located three kilometers away from the community, to meet all of their water needs. Because of the community's dependence on this contaminated water source, families were suffering from cholera, typhoid and malaria. The LWI Ghana team was pleased to learn of the community's use of a latrine as this will help prevent further spread of disease in the area. During the team's stay, community members assembled a water committee consisting of three men and one woman who assisted the team with the water project whenever possible, provided any materials they had available, made lunch for the drill team and helped provide security over the water project during the night. Most community members sustain their families by farming and selling their excess produce at nearby markets, although most are forced to keep the entirety of their produce to feed their families. The nearest school is located four kilometers away from the community whose students, teachers and administrative personnel all have access to the new, safe water source. Before leaving the community, the team provided community member, Lydia Gyamfi, with a LWI Ghana contact number in case their well were to fall into disrepair, become subject to vandalism or theft.

## TESTIMONY

The LWI Ghana team had an opportunity to meet with forty-two year old community member and farmer, Kofi Antwi, who stated, "We have suffered over two years since our well broke down. We thank God we now have our well back again."

## CHARACTERISTICS OF THE WELL

### Project Details

Region/Province/District	Brong Ahafo
GPS Coordinates	Latitude:07 30.801 N Longitude:002 16.403 W
Altitude	265 m
Total depth	65 m
Static level	30 m
Diameter of casing	150 mm
Casing material	PVC
Pump type	India Mark II
Depth of cylinder	33 m
Well yield	30 liters per minute
No. of people served	700

## HYGIENE TEACHING

The LWI Ghana team shared hygiene education with community members. During the hygiene education, the team addressed: Disease transmission, how to take proper care of the pump, how to keep the water clean and good and bad hygiene behavior.

## CHRISTIAN WITNESS

A LWI Ghana team member stated, "The Jesus film was shown and souls won were given to the only Roman Catholic Church in the area. Some children were sitting on the ground to watch the Jesus Film."

## PHOTOS



Previous water source used by the entire community to meet their water needs.



Project in process.



Close up of plaque.



Community members pumping clean, safe drinking water.



Water committee members who are responsible for helping maintain the well and who were provided with a LWI Ghana contact number in case their well were to fall into disrepair, become subject to vandalism or theft.



Completed water project and community members gathered to collect clean drinking water.



Community member, Kofi Antwi, interviewed by LWI Ghana and who stated, "We have suffered over two years since our well broke down. We thank God we now have our well back again."



Community members gathered to watch the Jesus film.