



RWANDA

Cyobe Community

10 Days 2014

WATER

Community Details

Without a safe, accessible water source, communities live in an ongoing state of struggle with arduous hours spent collecting dirty water that will only weaken their bodies and stunt their academic and economic potential. The 180-family community of Cyobe knew this struggle all too well. An unprotected dug well, unprotected springs and surface water were their only opportunities to collect water, and none of these sources contained water safe for consumption. As a result, typhoid and malaria were a regular occurrence, which kept the people from being able to be regularly healthy and productive. However, because of the selflessness of a group of people organizing themselves to collect money for safe water, the Living Water team was able to bring the people of Cyobe the water they had hoped for. The team shared their experience while in the community:

Living Water staff selected this site together with community leaders and the Ruhango District Engineer. It was selected because the community was collecting water from different water sources, which were not safe for them. To get this well, the team selected three sites of which one was successfully assessed with a Terrameter, then drilled and installed to provide clean water to the community. After getting the well, the community members were so excited they formed a water user committee to manage this water well.

The water user committee consists of two men and three women. Together, they will ensure the water point remains usable for many years to come. In addition to forming a water user committee, the local residents also assisted the Living Water team by providing security and labor whenever they could. The team worked with the community to deliver hygiene and sanitation lessons so that the people could enjoy the health that comes with safe water and proper hygiene and sanitation practices. This work will complement the work being done by Care International, SNV, and Compassion International, as they work on health areas, social assistance and education.

The love of Christ was shared through oral Bible story telling with showings of the JESUS film planned as well. A total of 24 individuals indicated that they accepted Jesus Christ as their Savior! The Living Water team worked with the local church to create a plan for incorporating these individuals into their local congregations for further discipleship. Additional evangelism events are planned through both the Living Water team and the local church.

Project Details

Product	New
Location of water point	Cyobe, South, Ruhango, Rwanda
Type of Institution Served	Village
GPS Coordinates	Latitude: 02 08.154 S Longitude: 029 52.693 E

Construction

Altitude	1465 m
Total depth drilled	30 m

Static level		1.8 m
Total depth of casing		30 m
External Diameter of casing		125 mm
Casing material		PVC
Screen	Start: 17 m	Stop: 29 m
Pump Type		Afridev
Depth of cylinder		21 m
Gravel Pack		Yes
Gravel Pack Depth		15 m
Well yield		20 Liters/minute
Sanitary seal depth from surface		2 m
Shock Chlorination		Yes

Well Platform

Platform is concrete with reinforcing steel		Yes
Dimension of Platform (H*W*L)		2*2*6
Drainage Channel or soak pit installed		Yes
Anything else constructed		Cattle trough

Water Quality Results

Water Purity Test		LWI Test Kit
Total Dissolved Solids (as per T.D.S meter) :		178
pH:		7
Total Hardness:		0 Ppm
Nitrate/Nitrites:		5.76 Ppm
Bacteria Test	Coliform Bacteria NOT detected (Colorless or Light Yellow color)	
Arsenic:		0 Ppm
Iron:		0 Ppm
Fluoride:		0.06 Ppm
Other Comments on Water Quality		The water is very clear.

FOR LIFE

Hygiene Promotion

To ensure the community could see a reduction in the incidence of disease beyond what safe water can provide alone, the Living Water team delivered hygiene and sanitation lessons to 45 individuals. The lessons were focused on creating sustainable habits that would stop the transference of disease while increasing the community's awareness of what causes disease and how to prevent it. The lessons covered disease transmission, hand-washing-proper techniques and water saving methods, latrine perception, diarrhea doll-causes of diarrhea, proper care of the pump, and keeping the water clean. These lessons, coupled with the safe water, will provide the people a great opportunity to not only survive, but to thrive in Rwanda.

Community Member Interview

"The new water source is so clean that there is no need of boiling," 28-year-old farmer and beneficiary, Mbarushimana Emmanuel. "The old source was so dirty [and] far from our village, but now am happy for Living Water International having drilled a borehole within a walking distance from our village."

IN JESUS' NAME

Christian Witness

Although safe water brings great relief to the body, only the hope and love of Christ can bring relief to the soul. To ensure the people of Cyobe received relief both in body and soul, the team shared the message of salvation with 30 men, 38 women and 40 children. The team shared their experience:

The story of the Samaritan woman came in handy, and most of the community members could identify with the story, especially the effort and critical need for clean water. There were about 108 people present and about 24 got saved and the others were prayed for that God would intervene in their personal lives. The JESUS film screening will be carried out when the rains cease.

The Living Water team and local church worked together to outline the roles each would take in sharing the gospel and discipline new believers. The arrangement was as follows:

Living Water will present the gospel, evangelize and lead community members to make decisions to follow Christ. The local church will mobilize their community for evangelism and also form water user committees and also receive new converts into their faith communities.

Through the gift of safe water, the Living Water team was able to share the gospel in the most culturally appropriate manner, oral Bible story telling, and through that, the gospel was heard and received. Truly, water was given for life, in Jesus' name.

PHOTOS



This previous water source was far and dirty and did not provide the community with the accessible, safe water they desperately needed.



The Living Water field staff waste no time drilling to find safe water for the people of Cyobe using the funds generously given through the “10 Days – 2014” campaign.



An aquifer was reached at 30 meters deep.



The Living Water team works together with the community to complete the new water point.



Community members gather to collect safe water from the new well.



The new water source will protect the community from many waterborne diseases and illnesses.



“The new water source is so clean that there is no need of boiling,” 28-year-old farmer and beneficiary, Mbarushimana Emmanuel. “The old source was so dirty [and] far from our village, but now am happy for Living Water International having drilled a borehole within a walking distance from our village.”



This gentleman has agreed to become a well caretaker to ensure the new water point remains a usable resource for the community for many years to come.



The Living Water team shared essential hygiene and sanitation lessons with the community to allow them to experience the full benefit of safe water.



By implementing the lessons learned, the community has the opportunity to experience improved health both as a community and as individuals.



A plaque that testifies to the love and commitment of the participants of “The 10 Days -2014” campaign. Thank you for caring for Rwanda’s thirsty!