

On Friday, July 3, 2015 5:18 AM, Daniel Githanji wrote:

Dear Ilwee and Joseph,

We are joyful as we report that we are now almost concluding Katwanyaa 24 hour test pumping and that the borehole has water. This is good news to everyone and as we saw the first flow of water yesterday during the test, we were very delighted.

We thank God for this because going to the site yesterday with faith on drawing water from the hole, yet back in our minds we knew that it could also have turned to be wet – to- dry well ending the prospective work put in plan.

We are still having the data being recorded in terms of output and water level changes in the well on a continuous basis ending today in the afternoon. The tested flow so far is varying from 1000 to 2000 litres per hour. It means in a day we could be able to achieve at least 15000 to 20000 litres of water for the community eventually when the system is completed. The water quality preliminary tests also show the water being within the recommended salt level (at 339 ppm of the required maximum of 1000ppm for World Health Organization standards). Further full chemical tests will be done to determine the individual chemical components and bacteriological analysis.

The community around could not see water going to waste during the tests and they got it in jerry cans for washing, cows and cleaning as seen in some of the attached photos, as we await full water analysis test.

Next steps:

- Carrying out full water chemical and bacteriological water analysis
- Utilizing the 24 hour tests results to size appropriate electric pump system for the well
- Commencing on civil works construction and pipework
- Follow up on electricity installation and connection.
- Further community engagement through hygiene training review and church networking/ orality training and eventually training of operations and maintenance.

Find attached photos from yesterday and before (some of which are the pictures you had asked for).

Kind regards

Daniel

Operations Manager  
Living Water Service Centre



Figure 1: Water Drilling Project – Clearing the soil



Figure 2: Water Drilling Project – Setting up for borehole testing



Figure 3: Water Drilling Project – Drilling team sets up for boring



Figure 4: Water Drilling Project – Performing level measurements and water flowing





Figure 5: Water Drilling Project – Villagers draw sample water as testing continues.



Figure 6: Teaching proper hygiene practices



Figure 7: Katwanyaa community members participating in training for discovering disease pathways



Figure 8: LWSC Austin and school children at completion of Bible Story telling





Figure 9: Viewing Jesus movie