



Update

FINAL UPDATE | INT-0000034980

COUNTRY: Tanzania

GOAL: To enhance a borehole at TZ0978

FCP: TZ0978

INTERVENTION: INT-0000034980

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1. UPDATE

The bore hole drilling project at TZ0997 Aict Qang'dend through TZ0978 began August 2023, the project took several implementation stages. The first stage was the FCP receiving notification letter from the National Director through PF. After the FCP received notification letter the PF mobilized CFT to conduct inception meeting at TZ0978. During the inception meeting Partnership Facilitator and other CFT's in collaboration with FCPs' Leaders & CDWs had a joint meeting before the implementation, the meeting laid down project implementation milestones. It was from this meetings where by the project life cycle was strengthened by developing all milestones for the project.

The actual work has three main phases. The first phase was vendor selection where the FCP making tender announcement to the public and the advert reached available companies who deals with deep borehole drilling and applied for the work and the church selected three possible borehole drilling companies and conducted assessment to identify the potential service supplier to implement the project. The project committee assessed those applied and selected one service supplier to do the work. The selected company was Water Life Drilling Company from Arusha. After the right company was selected the FCP requested funds to the national office through the PF. The funds were requested in phases and the first phase the FCP requested TZS 20,600,000 and the second phase the FCP requested TZS 7,240,000.

The second phase was selected company immediately made mobilization and demobilization it began with verifying hydrological surveyed points that discovered several points with underground water streams and pointed two strong points that one of the them is where it has been drilled after the church leaders and the vendor agreed together. The vendor drilled 100meters down with 6inches diameter and the borehole has a capacity to provide 7000 to 10,000 liters per hour. The implementation took seven day to its completions.

After completion of the drilling the vendor took initiatives to do water quality testing. The third phase was installation of water pump and power generator to support operation of the water well system. It also included construction of water infrastructures such as ground stand for water tanks, community water point, borehole chamber and FCP water point. The third phase included the installation of the pump, connection of water system, installation of plastic water tanks. As a result of implementation of the intervention the participants, church members and community living around the church premises are now benefiting from the available water they are now not spending many hours searching for water and have experienced improved hygienic condition, now the smartness of individual adult person and children is visible.



2. IMPACT

The availability of water at the project center has influenced church evangelism to the community at Qang'dend. The church leaders and the church pillars project center during the implementation phases they mobilized the church members on prayers to accomplish the water well drilling project. The members were mobilized and prayed for the successful completion of the project seeing their answered prayers through successful completion of the borehole drilling it has increased their faith and know that Jesus answer prayers.

Since the availability of water at the church it has supported smooth running of the church programs as now the church attendance has increased, this has provided a conducive environment to support gospel evangelical movement, spiritual program and bible study services, trainings to both adult and children at the church. It has also increase Saturday program attendance because the participants and community members are now confident of having available water and spending less time searching for water service, improved personal hygiene has also increased their confidence in attending gatherings at the church.

The church has now becomes a solution to the community, the society and caregivers around the project are now referring the church as a solution to their social problems. This has enabled the church to stand as the witness of the work of Jesus on earth that not only saving the souls but also bringing the light to the world even in developmental projects.

The borehole has reduced water cost and enabled efficient allocation of resources, the project center has enough water for sanitation and cooking during program days. It has reduced water cost spent every month by TZS 200,000 or 360,000 as previous they FCP use to spend every month around TZS 240,000 or TZS 300,000 but currently the center uses around TZS 40,000 only for gas to pump water from the well.

The availability of water at the church, has motivated the FCP to establish horticulture activities at the project center which will increase church income and stimulated food security programs. Also it provided a platform for participants and caregivers to learn agriculture and its value chains, and how to do environmental conservation as a tool to reduce adverse effect of current climate change.



3. INTERVIEW WITH THE PROJECT DIRECTOR

Innocent

How have the lives of the affected participants been changed since the intervention's completion?

Availability of water at the project centers has changed the lives of 200 registered participants where there is increased personal hygiene as the children now use available water to maintain hand washing, drinking safe water, improved environmental cleanliness including availability of water for classrooms and church hall cleanliness. This project has enabled children to take into practical the hygiene lesson while at the project center and at home. It has reduced the number of hours spent on fetching water, now they can come to the church and fetch water for family and household use at the center.

How has this intervention benefitted the church/ICP/community?

The church members, caregivers, neighbors and the surrounding community are now using the available water at the church for household activities, it has helped the women and girls who used to walk long distances searching for clean water. They can now spend less time in water collection activities and use their time for other productive activities at home. Previously, they used to walk a long distance fetching water about 4km, are now getting water at less than 300 meters. Water was a scarce resource at the area; therefore, the availability of a nearby water source has reduced the cost of water in the area.

How has this intervention affected your ability to minister to the participants?

Currently, participants' attendance has improved compared to the years without water; we can now start our program on time because the children are not required by their families to fetch water before attending the program. It has increased our opportunity as FCP on practical trainings related to personal hygiene for participants. The availability of water has resulted in the establishment of new income-generating activities like horticulture cultivation and tree planting project at the center.

What would you like to say to those who provided the financial support for this intervention?

We are so thankful to all the support provided to support borehole drilling which led to the availability of water at the center and our community.



4. INTERVIEW WITH A PARTICIPANT

Ivon

What was your life like before the intervention was implemented?

Practice what we learn from the program was a bit difficult when it comes to hygiene practices, because water was a scare resource at the center we had no enough water to do through environmental cleanliness to clean well classes, toilets and washing our hands every time. Even safe drinking water was limited despite undertaken treatments of the little collected water from the ponds.

How has your life changed now that this intervention is complete?

Current water is available at the project center, I'm very happy because we do not need to spend more time in fetching water its now available at the project. There is available safe and clean water for drinking compared to the previous time, sometimes even taking path at the project center after program activities, now we do have enough water for washing hands, classrooms and the toilet cleanliness our environmental cleanliness is highly improved. I do enjoy the program as we can attend on time and not banded to first travel a long distance looking for water.

What will this change mean for your future or the future of your family?

The availability of water at the center will help me to have more study time at the center and at home.

What lessons have you learned from this intervention?

I have learn that having running water in the community is important in improving community development and reduce family conflicts. In addition I have learned that running water at the project center has been a motivating factor for environmental conservation and improved sanitation at the community/society.

What would you like to say to those who provided the financial support for this intervention?

I am so much thankful to those who provided the support for the bore hole drilling project at the center, I am praying for you and your families may the almighty God remembers all your needs.



5. PHOTOS



Drilling machines at the drilling point at the church clearing ground ready to start drilling a borehole.



Drilling in progress and already found underground water at a distance of 80 mtrs down as the first step with dirty and muddy mixed with water from the borehole.



Participants and church members enjoying the witness water flashed from the borehole drilled at the center as a second stage of cleaning water at a distance of 90 meters down.



Water engineers seeping down a water pipe to pressure and final clean water from the borehole for pressure test and water volume to finally be consumed at the project center.



Water engineers loading down a water pump as installation down the bore hall to pump water from the hole to the reserve tanks for project consumption.



Church members testing and enjoying water pumped from the borehole by washing faces and flashed the away with joy while testing the water volume per hour from the well and its pressure vertically and lateral.



A borehole station chamber covered to protect the installed pump and motor machine to support water from the borehole remain sustainable at the project center.



Water tanks as reserve of water from the borehole ready to be transferred to the water tapes for participant and the community uses at the project center.



Participants at TZ0997 Aict Qangdend fetching water at the tape provided from the borehole drilled at the center.



Community members adult and children fetching water at the project center water tape provided from the borehole drilled at the center.