

**NORTH KIGEZI & KINKIIZI DIOCESES WATER AND SANITATION  
PROGRAMME  
(NKKD WATSAN)**



**2<sup>ND</sup> Quarterly Report  
April - June, 2019**

**Written by:**

**NKKD WATSAN Team**

## **SECTION A: BASIC INFORMATION**

The Programme title	North Kigezi & Kinkiizi Dioceses Water and Sanitation Programme (NKKD WATSAN)
The Programme mission	The improvement of health, alleviation of poverty and promotion of social and economic development in Rukungiri and Kanungu Districts of Southwest Uganda through integrated, comprehensive and sustainable initiatives focused on the improvement of water supplies, sanitation facilities, and safe hygiene practices.
The supporting partner(s) Programme Reference number (if applicable)	Tearfund UK Global Partners for Development Sheila Houghton and Hafen Cafe WATSAN UK - Support Group
Implementing Partner contact person details:	
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The name and role of the person approving the application for the implementing partner. This person must be duly authorized.	The Rt. Revd. Benon Magezi – Bishop of North Kigezi Diocese, P. O. Box 23, Rukungiri – Southwestern Uganda, UGANDA. <a href="mailto:northkigezianglicandiocese@gmail.com">northkigezianglicandiocese@gmail.com</a>
The start date of the Programme and period covered by the Report	1 <sup>st</sup> Quarterly report: January – March, 2019
The date of submission of the Report	12 <sup>th</sup> April, 2019

## **About NKKD WATSAN and Our Vision**

As part of the Church of Uganda's mission to share God's love in practical ways, the Anglican Dioceses of North Kigezi and Kinkiizi in Southwest Uganda manage an integrated Programme for facilitating access to safe water supplies and improved sanitation in a participatory way while encouraging healthy hygiene practices through education and training. The NKKD WATSAN Programme is intended to help poor people in the rural areas of Rukungiri and Kanungu Districts and across the two Dioceses, irrespective of background, creed, or allegiance.

**The Programme mottos:** Water is life; Sanitation is dignity; life and dignity for all our people, clean water for all within reach of all.

### **Values:**

NKKD WATSAN believes that accessible safe water, improved sanitation and hygiene education should be available to all, and seeks to embody the Christian values of compassion, fairness, integrity and trustworthiness. We seek to work in partnership for the common good, and to lead by the example of Christ.

**Mission** (Why we exist): NKKD WATSAN works in partnership with other stakeholders in the improvement of health, alleviation of poverty, and promotion of social and economic development in the Rukungiri and Kanungu districts of South West Uganda, through integrated, comprehensive and sustainable initiatives, focused on the improvement of water supplies, sanitation facilities and safe hygiene practices.

**Vision** (Our inspiration): NKKD WATSAN strives to transform the poorest communities through the accessible provision of safe water, improved sanitation and hygiene education, setting the highest standards in transparency, sustainability and working in partnership.

NKKD WATSAN Programme, originally founded in 1986 in partnership with Water Aid, and independent since 2000, has worked with partners in Local Government and other NGOs to help many thousands of people gain access to improved domestic water sources through the construction of 12 piped gravity flow water schemes, protection of over 3000 springs, and installation of many rainwater harvesting systems.

All NKKD WATSAN projects are comprehensive in nature, incorporating sanitation improvement Programmes (including VIP and Ecosan Latrines) and hygiene education as well as capacity-building initiatives to encourage sustainability.

Our Vision is for all people of our service area to live healthy and productive lives and have sustainable access to adequate safe water supplies and improved sanitation.

NKKD WATSAN is composed of an experienced and dedicated team of both hardware (design and construction work) and software (hygiene/sanitation education and capacity-building) teams. The NKKD WATSAN Programme is directed by The Rev. Baingana Eric Mugyenzi and assisted by a Water Engineer working on a part-time basis, a Health, Hygiene and Sanitation Coordinator, a Financial Officer, a Public Health Promoter, a Project Secretary, a Driver (who also assists with sanitation promotion), and a part-time Social Worker that assists with software.

A team of masons/artisans/Fundis work on contract terms during times of construction, which is undertaken in collaboration with local rural communities and water sector officials of the District Local Governments in the Districts of Rukungiri and Kanungu. WATSAN's work supplements the efforts of the government in service delivery coordinated under a Memoranda of Understanding (MoU) between the two Dioceses of North Kigezi and Kinkiizi, the two Districts and NKKD WATSAN that was signed in 2010.

NKKD WATSAN is supported by a combination of funding from grants, individual contributions, partnerships, and a dedicated support organization in the United Kingdom, the WATSAN Uganda UK Support Group. Our current partners include Tearfund, Global Partners for Development (US), and The Anglican Diocese of Armidale (Australia). Local District Governments are expected to contribute a minimum of 5% of WATSAN project costs in kind under the terms of the MoU.

## **SECTION B: SITUATION REPORT – OVERVIEW**

During quarter two: April-June, 2019 period, NKKD WATSAN concentrated on the re-construction to completion of two springs in Kanungu district, follow up of other WATSAN Projects both in Rukungiri and Kanungu districts, and made a start of an implementation process for Kihihi Hill Project. The two springs that were re-constructed were Rumba low yield spring which is located in Kanungu Town Council and Bugiri low yield spring that is located in Kanyantorogo Sub-county Kanungu district. These two springs now wait for official handover/commissioning to the respective users.

Other projects that were followed up under Sustainability Programme during this period include Rwakirungura springs (2), Kahama GFS and Bwambara Water Supply Improvement Project, all in Rukungiri district. In Kanungu district, Nyambizi GFS was followed up.

Regarding Kihihi Hill Rain Water Harvesting and Sanitation Improvement Project (Kihihi Hill Project), its implementation process started with software activities. These included mobilization of the project beneficiaries, community meeting that led to selection of a Project Implementation Committee (PIC). There was also population data collection of the project beneficiaries by the WATSAN software team, and training of the PIC.

There was also commissioning of Nyakatara Hill Project whose implementation was finished during the previous quarter.

Relatedly, during this quarter in June, 2019 Eric, the Programme coordinator and Moses, the Kinkiizi link person paid a visit to UK purposely to participate in fundraising walk for water in Quantock Hills for the construction Kihihi Hill Project proposal.

In spite of shortages in funding, a reasonable number of WATSAN activities were carried out to the satisfaction of stakeholders.

Many thanks go to UK Support group for their continued financial support.

## **SECTION C: PROGRAMME ACTIVITIES**

### **C.1 Kihihi Hill Rain Water Harvesting and Sanitation Improvement Project.**

As an introduction to this Project, Kihihi Hill is located in the Market cell, town ward, Kihihi town council, Kanungu District in South Western Uganda.

The Project proposal for this project outlines water supply interventions and the associated sanitation promotion and hygiene education for Kihihi Hill which comprises Kihihi High School and Kihihi Parish headquarters as direct beneficiaries.

At Kihihi High School, sanitation facilities that will be constructed will include: 2 five stance lined Pit latrines for students, one 2 stance latrine for staff, and one bath shelter with 4 compartments for girls.

At Kihihi Church, One 5 stance lined pit latrine for Christians (to be shared by both males and females), will also be constructed.

Additionally, hygiene education and sanitation improvements will be carried out in the school, at church and in the immediate surrounding community of these institutions.

The implementation process for Kihihi Hill started in June, 2019 with the software activities. There was mobilization of stakeholders to actively participate in the implementation process of the project. The area covered during mobilization of the Project stakeholders included: Kihihi Archdeaconry centre, Kihihi High School, Kihihi Primary School, Kihihi Community households and Kihihi Town Council.

During this mobilization, the date for a community meeting was set to be on 4/6/2019.

#### **i) Community Meeting**

Community meeting was held at Kihihi Archdeaconry Centre. It was attended by 30 people representing Kihihi church leaders, Kihihi High School, Kihihi Primary School and Kihihi Town Council. The three representatives of the Town Council included

- Senior community Development Officer
- Principal Health Inspector
- Assistant Engineering Officer

In the meeting, 15 people were selected to be on Project Implementation Committee (PIC) as shown below:

1. Chairperson – Charles Rusika.
2. Secretary- Jackline Kabaati
3. Treasurer- Gumisiriza John

**Committee members**

4. Mrs. Asiimwe Allen
5. Mr. Sasi Dan

Other stakeholders on the committee were;

6. Venerable Justus Tibesigwa (Archdeacon – Kihihi Archdeaconry)
7. Mr. Kwizeera Bernard (Lay leader- Kihihi Archdeaconry)
8. Revd. Capt Loyce Mugarura (curate - Kihihi parish).
9. Mr. Sabiiti Frankline (Headmaster- Kihihi High School)
10. Mr. Tukamusherura James (Headmaster – Kihihi Primary School)
11. Mr. Turyatunga Robert (Senior Warden- Kihihi Archdeaconry)
12. Mr. Ngengiyunva Imanish Confidence (Health Inspector for Kihihi Town Council)
13. Mrs. Lilian Ngabire (Senior community Development officer- Kihihi Town Council)
14. Silagi January (Town Engineer- Kihihi Town Council).
15. Kihihi church Development officer

WATSAN team collected data concerning population in relation to the existing sanitation facilities at institutions within Kihihi Hill Project area. Below were the findings:

**1. Kihihi High School**

Kihihi High School Population

Staff	Category	Number	Students	sex	Number
	Teaching staff	50		Boys	543
	Non-teaching staff	9		girls	457
	Group employees	15			
	<b>Total</b>	<b>74</b>			<b>1000</b>

The Total population of Kihihi High school community therefore is **1,074**people.

**Kihihi Primary School population is as shown below:**

Boys 280 pupils

Girls 345 pupils

Staff 15people

The Total population of Kihihi Primary School therefore is **640** people.

**The population of Kihihi Archdeaconry Centre.**

This includes the population of St Andrews COU Kindergarten and the Christians that come to church on Sunday and other days.

a. St Andrews COU Kindergarten

- Girls 61
- Boys 59
- Staff 7

Total population is 127 people.

b. Kihihi church.

The population of the people that come to church on Sunday was approximated to be 600people. However, more people come to church for visiting and other church related services on other days.

**Training of PIC**

Three days after selection of the PIC, this committee was trained in their roles and responsibilities towards the implementation of Kihihi Hill Project. The training took place at Kihihi Archdeaconry parish and was attended by 17 people.

The training started with Prayer led by Venerable Justus Tibesigwa, the Archdeacon of Kihihi.

Topics covered in the training included;

- Integration of Water, Hygiene and Sanitation
- Hygiene Promotion
- Roles and Responsibilities of PIC members.
- Financial Management

After the training, an action plan was drawn to enable enough preparations for Project implementation. This is as shown below:

**Action plan**

<b>Date</b>	<b>Activity</b>	<b>Responsible person</b>
24-28, June	handover meeting from fundraising committee to PIC members	Chairperson PIC
2-5, July	Community meeting	Chairperson PIC
2-5, July	Familiarization Tour of PIC members	Chairperson PIC
24-28, June	Confirmation of sites for construction – with town clerk	Chairperson PIC & Archdeacon Kihhi



*PIC members after training*

**C.2. Sustainability Activities**

During this second quarterly period (April-June, 2019), Programme sustainability activities were carried out on WATSAN Projects both in Rukungiri and Kanungu districts.

In Rukungiri district (North Kigezi Diocese) the following Water, Sanitation and Hygiene (WASH) Projects were visited to assess their functionality and carry out necessary improvements namely, Rwakirungura springs (2), Bwambara water supply and Sanitation improvement Project and Kahama GFS.

**C.2.1. Rwakirungura Springs.**

The software team together with the sustainability mobilizer visited homes of the beneficiaries of two recently constructed Rwakirungura Springs to assess and observe hygiene and sanitation practices in this community. The main targeted practice was hand washing after use of the latrine.

It was observed that there was some decline in hand washing practice and the hand washing facilities at households was less than what was there at the time of the reconstruction of these springs two years ago, 2017. Nevertheless, the latrine coverage usage and hygiene increased.

There were 3 newly constructed pit latrines and 8 new hand washing facilities. Latrines visited, contained anal cleansing materials, privacy and were clean.

The team had a meeting with the Local Council one chairperson whom we reminded about the responsibility of spring beneficiaries in regard to sustainability of the project. This includes payment of water user fee, holding meeting regularly, cleaning and maintaining of the fence around the springs to prevent grazing animals from interfering with water catchment areas, carrying out repairs and replacement of tap heads.

On this note, the Chairperson promised to call springs' beneficiaries for a community meeting with our team so that they can be reminded of their roles and responsibilities.

As a result of this meeting, concerned members for the low yield spring, contributed money for buying a tap head and it has since been replaced with the existing nonfunctional one. The community also carried out general cleaning of the springs and mending the fences.

### **C.2.2. Kahama Gravity Flow Scheme**

Kahama GFS is located in Nyakagyeme Sub County, Rukungiri district. It had been last year visited when a number of problems including having a non-functional operation and maintenance (O&M) committee were identified.

Subsequently a new committee was selected and trained. An action plan was made and the following were agreed upon;

- (a) Making new records of beneficiaries and begin collecting user fees starting at the end of June.
- (b) Employing a new scheme attendant
- (c) Repairing the outlet and washout valves at the source.
- (d) Re fencing the source and the reservoir tank.
- (e) Replacing locks at the source and the reservoir tank
- (f) Opening a bank account for the scheme
- (g) Retrieving the scheme toolbox from the old scheme attendant who has for years adamantly refused to hand it over. This would need the involvement of the local leadership of the area.
- (h) Hold a community meeting to make new by-laws

The visit to this scheme during this quarter therefore intended to check on the implementation of the action plan that was put in place during the last quarter. Am happy to report that the new committee has since done most of the agreed tasks but most importantly they carried out all the repairs and fencing of the facilities using up to UGX1.200.000 from the user fee collection. They have also employed a new scheme attendant.



**Kahama Reservoir tank and sedimentation tank at the source now re-fenced**



**The new washout and outlet reservoir valves at Kahama GFS**

### **C.2.3. Bwambara Water Supply and Sanitation Improvement Project.**

The follow up Bwambara water supply and sanitation improvement project (Bwambara Hill Project). During this quarterly period involved the following activities: Firstly, there was visitation of Bwambara Hill to see the condition in which the Project's Water, Sanitation and Hygiene (WASH) structures were in. this included visitation of Bwambara church, Bwambara Secondary School, Bwambara Primary School and the two springs.

Then, there was a mobilization of the project's beneficiaries one, to work on the springs by reopening water trenches and repairing fences, and two, to get leaders of each of the institutions mentioned above to sign the Project handover Memorandum of Understanding (MOU). This MoU stipulates the roles of the Project beneficiaries and other stakeholders in regard to the sustainability of this Project. *Here with is attached*



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**26/2/2019**

*Water is Life, Sanitation is Dignity*

## **HANDOVER TO THE OPERATION & MAINTENANCE OF BWAMBARA HILL WATER AND SANITATION PROJECT, BWAMBARA SUB COUNTY, RUKUNGIRI DISTRICT**

### **Preamble:**

North Kigezi & Kinkiizi Dioceses Water and Sanitation Programme/Project, with funding from **UK SUPPORT GROUP** together with the water user committee known as the Project Implementation Committee (PIC), representing the community of **Bwambara Hill in Rukungiri District**, have completed the implementation of a Rain water harvesting (with 2 Water springs) with associated Sanitation and Health/Hygiene improvements Project.

### **Constructions:**

The Implementation process of Bwambara Hill Project started June, 2018 and since then up December, 2018, a number of Water, Sanitation and Hygiene (WASH) structures in the Project proposal were constructed at 4 Project beneficiary institutions and the community as shown below:

#### **1. Bwambara Parish Church**

- (a) One (1) 30m<sup>3</sup> ferro-cement Rain water harvesting tank with tapstand.
- (b) One (1) lined 5 stance Pit (VIP) latrine with a urinal.

#### **2. Bwambara Primary school**

- (a) Two (2) 30m<sup>3</sup> ferro-cement Rainwater harvesting tanks with tapstands.
- (b) One (1) 5 stance lined Pit (VIP) latrine with a urinal for boys.
- (c) One (1) 2 stance lined Pit (VIP) latrine with a urinal for staff.

#### **3. Bwambara Senior secondary school**

- (a) One (1) 5 stance lined pit latrine with a urinal for boys
- (b) One (1) 2 stance line Pit (VIP) latrine with a bathroom for girls

#### **4. Bwambara town**

- (a) Construction of One (1) new low yield spring.
- (b) Major repair of existing ordinary yield spring

Also, associated Hygiene and Sanitation campaigns at households and in the institutions of Bwambara Hill Project were carried out effectively.

In addition to the above WASH structures, the Ministry of Water and Environment donated **4 plastic tanks** each 10,000 litres and were allocated to the Archdeacon's residence, Bwambara Primary school staff house, Bwambara Secondary school staff house, Pa-Pee Primary school.

#### **Beneficiaries**

The water supply and sanitation project is going to benefit a current population of 1817 people in households and institutions around Bwambara Hill. This includes the trading centre of Bwambara, Bwambara primary school, Bwambara Church of Uganda, Bwambara secondary school and Pa-Pee primary school. The design period for this project is 15 years.

#### **Other activities:**

- Integral to the construction work was the associated Hygiene and Sanitation education for the whole of Bwambara Hill Project area.
  1. Sanitation at household level was improved at each homestead with a minimum requirement of a pit latrine (with a Sanplat).
  2. Hygiene education & improvement through Participatory Rural Appraisal (PRA) with emphasis on hand washing with Soap.
  3. Sanitation and Hygiene in schools was promoted with emphasis on hand washing after latrine use and before eating.
  4. Construction of bathing shelters, dish racks and rubbish pits in the households around Bwambara Hill.

5. The constructed structures (springs, tapstands and rain water harvesting tanks) have been fenced.
6. Provision for drainage of run-off water on constructed water supply and sanitation improvement structures was done.
7. The community has been trained on how to manage and maintain their Water & Sanitation facilities effectively

Water and Hygiene/Sanitation education has been carried out as per the agreement between NKKD WATSAN & **U.K Support group** and Bwambara Hill Community has already obtained access to protected, safe and clean water and sanitation improvement. NKKD WATSAN would now like to handover officially for use, operation and maintenance purposes this project to the community of Bwambara Hill, Bwambara Sub County, Rukungiri District, represented by leaders from the community and benefitting institutions that will now be charged with maintenance and sustainability of the project.

## **AGREEMENT**

This handover agreement is made on this **26<sup>th</sup>** day of **February, 2019**.

### **Between**

The Bwambara Hill Community represented by the leaders of the community/ institutions & Bwambara Sub County Authorities represented by LCIII Chairperson and Sub county Chief.

### **and**

NKKD WATSAN Programme represented by the Coordinator/Director.

### **Witnessed by**

UK support group (Donors) and Rukungiri District Local Government (Stakeholders)

It is important in this agreement for the community to remember that “**Equitable access to clean and safe water is a right for all Ugandans: The state has obligation to provide and the communities have the responsibility to maintain**” (the facilities). NKKD WATSAN as

development partners of the state who work within the legal frame work of Ugandan laws here in shall remain supervisory to this project.

**Bwambara Hill community agrees to:**

1. Maintain the water sources / facilities and manage the Water & Sanitation effectively and hygienically.
2. Use VIP Latrines at institutions and local pit latrines in homesteads for safe waste matter disposal and discourage open defecation in their area.
3. Improve latrines with sanplats.
4. Wash hands with **soap** after using a latrine and before touching or eating food.
5. Open a bank account with an accessible bank / SACCO where to keep water user funds (regularly collected fees from beneficiaries for Project O&M)
6. Collect O&M funds regularly for minor and major repairs or replacements on the constructed facilities.
7. Report to the relevant authorities any major breakdowns on the constructed facilities that may require external intervention.

**Bwambara Sub - County agrees to:**

1. Carry out regular monitoring of O&M of the project.
2. Ensure that the minimum sanitation standards in the project area are maintained.
3. Assist in carrying out repairs to the project infrastructure which are beyond the capacity of the community.
4. Pass and enforce bye-laws on water and environmental sanitation.
5. Encourage the collection of water users' fees for O&M purposes.

**NKKD WATSAN is responsible for:**

Monitoring and follow-up support on the effectiveness of Operation and Maintenance of the project and its sustainability, and reporting shortfalls to the community and Local Government

**Signed by:**

**Bwambara town Community water springs**

Chairperson LC 1- Bwambara Village

Name:.....Sign.....

Chairperson O&M Committee – Bwambara town Community water springs

Name:.....Sign.....

**Bwambara Archdeaconry Church of Uganda**

Archdeacon – Bwambara Archdeaconry

Name:.....Sign.....

Head of Laity – Bwambara Archdeaconry

Name:.....Sign.....

**Bwambara Primary School**

Headmaster – Bwambara Primary School

Name:.....Sign.....

Chairperson PTA – Bwambara Primary School

Name:.....Sign.....

Chairperson School Management Committee

Name:.....Sign.....

**Bwambara Secondary School**

Headmaster – Bwambara Secondary School

Name:.....Sign.....

Chairperson PTA – Bwambara Secondary School

Name:.....Sign.....

Chairperson Board of Governors (BOG)

Name:.....Sign.....

**Pa-Pee Primary School**

Director – Pa-Pee Primary School

Name:.....Sign.....

Headmaster – Pa-Pee Primary school

Name:.....Sign.....

**Bwambara Sub County**

C/Person LC III - Bwambara Sub County

Name:.....Sign.....

Sub County Chief - Bwambara Sub County

Name:.....Sign.....

**NKKD WATSAN Programme**

NKKD WATSAN Coordinator/Director

Name:.....Sign.....

**Witnessed by:**

District Water Officer – Rukungiri

Name..... Sign.....

UK Support Group

Name: ..... Sign.....

c.c: Bwambara Sub County Local Government

c.c: Diocese of North Kigezi

c.c: Diocese of Kinkiizi

c.c: NKKD WATSAN Programme

c.c: District Water Officer – Rukungiri District

c.c: Archdeacon – Bwambara Archdeaconry

- c.c: Headmaster – Bwambara Primary School
- c.c: Headmaster – Bwambara Secondary School
- c.c: Director – Pa-Pee Primary School
- c.c: Chairperson LC 1 – Bwambara village
- c.c: Chairperson – Bwambara Town community water springs



*Representatives of Bwambara Hill Project at Bwambara Parish after signing the Project Handover MoU*

In Kanungu district (Diocese of Kinkiizi) projects followed up included the following:

#### **C.2.4. Re-construction of Rumba Spring**

The reconstruction of this spring was carried out after a baseline survey which revealed to NKKD WATSAN Programme that there was actually a need for intervention to bring about clean and safe water to the users of this spring.

Below is the attached baseline survey that the WATSAN team carried out:

## **BASELINE SURVEY FOR THE RUMBA DILAPIDATED SPRING.**

### **Location**

Rumba dilapidated spring is located in Rumba cell, western ward and in Kanungu Town council. It is approximately 4-5km from Kanungu Town center.

### **Main Objective**

The main objective was to make a feasibility study in regard to Rumba Dilapidated spring and a possible solution for its reconstruction.

### **Current Water Situation**

Rumba Dilapidated spring is the main source of water because the community members can access relatively clean water. Alternatively to the above source is a flowing stream called Kiborogota. Seasonally, especially during the rainy season, the community members use rain water to supplement their traditional source.

According to the visible write up on the spring i.e. 08/RUK/1/69, it is very evident that the spring has been in existence for decades. The natives contend that the above dilapidated spring has gone through numerous repairs which have all proved fruitless. Being the only reliable source of water in the village, the community finds a big challenge in assessing clean water for their home consumption. It is believed that the dilapidated spring has of late proved to be a menace because of its exposure on the catchment area but also a source of discomfort to both the children and the adults who find it inconveniencing to especially in the peak hours to access water.

With the above put into consideration, the community members are seeking for support in reconstructing the spring such that it can serve the Ugandan citizens residing in the area. Therefore this report presents the findings from the field visit carried out to the spring.

### **Population Served**

Rumba Dilapidated spring serves a big community of approximately 200-250 people broken as follows; Households -30 in number. Women -25 in number, men- 20 in number and children approximately 180 in number.

### **Challenges Faced.**

The community faces a number of challenges as follows;

- i. Low income from community members makes repairs incomplete and unsatisfactory.
- ii. Contamination of the water sometimes by fecal particles due to open catchment area
- iii. The catchment area /point are sometimes affected by rainwater runoff hence contaminating water.
- iv. Congestion at the spring is one of the major challenges due to high numbers of people.
- v. Sometimes there is disease outbreak in the community like typhoid due to contamination.
- vi. Children / adults always step in stagnant water which sometimes results into bilharzia in community.

- vii. There is time wastage during the peak hours. It takes about 6-7 minutes to fill a 20litre jerry can.
- viii. Children are always delayed to go to school because of scrambling for water during the school time which affects the education performance
- ix. It is believed that there are immoral behavior amongst the children and people who go to fetch water.

### **Desired Assistance**

Since the above dilapidated spring seems to be the only reliable source of water, the community would desire that a low yield spring be constructed for them. This will enable them have ample time volume of the water and time to be accessed all the time. The community members also promise for their support and commitment towards implementing the above project.

Following the above indicated baseline survey, Rumba low yield spring was reconstructed, and both hardware and software activities were considered.

Prior to the reconstruction of the spring, software activities were carried out and were continued up to the end of the spring construction period. It was found out To begin with, the software team together with the Sustainability mobilizer held a Community meeting with the spring beneficiaries purposely to sensitize members to participate in the construction of this spring. The involvement of the members would include provision of local construction materials, manual labour to carry local materials to the site and reopening of the water trench etc. At this meeting, a Project Implementation Committee (PIC) of 5 members comprising 3 males and 2 females was selected which was later trained in their leadership roles.

Also, it was resolved in this meeting that the home of Mr. Richard should be improved to be a demonstration home in this community for other members to copy and replicate in their respective homes. Later, Richard's home with the help of WATSAN software team was able to put up a number of sanitation facilities including a modern dish drying rack, bath shelter, and tippy tap for hand washing and improved pit latrine.

According to the data collected, it was found out that Rumba community has 17 families with a population of 85 people of which 46 are children, 21 women and 18 men.

On the other hand, Hardware activities involved in the reconstruction of this spring included the following procedures:

1. Site survey: This was carried out to establish the detailed characteristics of the source, such as type, estimated flow rate and seasonal validation, the water quality, number of users, potential soil conditions around the source.

2. Spring capping: This involves developing the spring flow and protecting the eyes from the surface pollution. The spring eyes were properly cleaned all blockages from soil and other deposited matter and backfilled with graded gravel/aggregates of size ½” a layer of paddle clay 4” and heavy duty polythene paper sheet was placed on the gravel to protect the eyes from surface water.

The spring reconstruction process under took the following steps:

- Site clearance
- Excavation and level to firm ground in mixed bolder soils up to the depth of 1 metre.
- Excavation of strip footing.
- Hard core filling in the foundation
- Placing of reinforced concrete sand-cement in ratio (1:3) for floor thickness 100mm.
- Plumbing works (pipes and fittings assembly)
- Stone masonry works in ratio (1:3) mortar mix.
- Plastering the inside the tank in two layers of 25mm ratio (1:2) water proof cement, sand cement plaster. The total thickness is 50mm, cement punning in pure cement thickness not exceeding 3mm.
- Plastering outside the tank in two layers of 25mm ratio (1:2) sand-cement plaster. Total thickness is 50mm.
- Reinforced concrete standard mix for slab using 12mm iron bars.
- Placing a man whole concrete cover including locking arrangements (600x600mm).
- Back filling with ordinary soils, cleaning and shaping the area.
- Planting of grass around the catchment area to prevent soil erosion
- Fencing around the catchment area to prevent people and animals entering inside the source area.
- Providing and connection of a brass tap to the spring.



***Rumba spring before reconstruction***



*Rumba spring after reconstruction*

### **C.2.5 Reconstruction of Bugiri low yield spring**

Likewise, in preparation to reconstruct Bugiri low yield spring, the WATSAN team took some time to carry out a baseline survey of this spring. Here below is the baseline survey of this spring.

#### **BASELINE SURVEY FOR THE DILAPITAED BUGIRI PARISH SPRING NO. 5**

##### Location

Bugiri spring is located in Kinyamugyezi village, Nyabubare Cell, Nyamigoye Parish and in Kanyantorogo Sub County. Additionally, the spring lies in Kashaki C.O.U Sub-Parish, Kanyatorogo C.O.U Parish in Kanyantorogo Archdeaconry.

##### Current Water Situation

The above population only relies on the earlier mentioned dilapidated spring as their main source of water. To a small extent, they access rain water which is ofcourse seasonal and if the worse comes to the worst, they run to a nearby stream called Kiboroga stream and some other open wells located in Ruyendabari.

Since it was constructed in 1993, Bugiri Parish Spring No. 5, has helped hundreds of both men and women, young old in a bid to access clean water. Within the 25 (twenty five) years of existence, this ordinary spring has proved to be the only reliable water source in the area especially due to its steep hills and other limited water sources within the area . Though the beneficiaries have tried their level best to sustain the operation of the spring, it has rather been challenging due to the spring age, recurring water leakages and rain water runoffs which always affect the functionality of the spring. A field visit was made to the spring to ascertain facts with reference made to the Kinyamugyezi Bataka Development Group letter addressed to the Coordinator NKKD WATSAN Programme dated 14/02/2019. Therefore, this report gives the details of the field visit as is explained below.

##### Population Served

The spring serves approximately 25-30 homesteads/households, with an estimated number of 125 people broken down as follows; Males- 20; Females- 45 and children- 60

### Challenges

The community faces many hiccups which include among others;

- 1) Numerous repairs on the spring which do not yield much
- 2) The spring is located on a steep hill which makes movement for beneficiaries hard. Moving uphill on a steep hill is rather challenging while carrying a jerry can of water
- 3) There is fighting, quarreling and idolism in children and other people due a long waiting period they experience.
- 4) It is time consuming to fill up a jerry can. It takes 7(seven) minutes to fill a 10 (ten) liter jerry can
- 5) Children in the area also fetch water at night which is risky and dangerous. It is alleged that they can wait for water up to 8pm and wake up early morning by 5pm so that they can access water.
- 6) People always walk a long distance to access the water approximately 120meters from the nearest home.

### Desired Assistance.

With the above said and done, the people in this area deserves assistance in the water related area. Since it was previously an ordinary spring, their desire would be to have a low yield spring such that they can have enough water for their consumption. Referring to the request letter, all the community members are committed to providing their total support during the construction process.

Actual reconstruction of Bugiri spring also started with the intervention of software activities.

The community meeting was held and a PIC for this spring with a composition of 3 males and 2 females was selected. It was later trained in their roles and responsibilities concerning mobilization of the rest of the community members to participate in the spring reconstruction and improvement of hygiene and sanitation situation at their respective households.

A demonstration (demo) home selected in the community meeting was to be of Mrs. Kembabazi Annet. During the implementation period, several sanitation facilities were put in place for other community members to copy and replicate in their respective households.



*Modern Dish drying rack constructed at Annet's home in Bugiri*



*Construction of a Hand free tippy tap, now under use*

Regarding hardware activities carried out for the reconstruction of Bugiri spring, same activities as those of Rumba mentioned above were carried out.

**There were particular challenges faced during the reconstruction of this spring, and included:**

- Lightning struck people gathering at one of the Project beneficiary families leading to the death of one person and admission in critical condition of other 8 people. This is where we used to hold community meetings and the person that died
- This spring is situated up a steep hill which made transport of construction materials hard and expensive.

- Driving along this steep hill was quite hard and scaring to the WATSAN team.



*Community members pause for a picture at Bugiri spring before its re-construction*



*Bugiri spring at the completion of its re-construction process*

### **C.2.6. Nyambizi GFS**

Following the previous follow up visits of Nyambizi GFS and selection of new operation and maintenance (O&M) committee in January -March, 2019 quarterly period; once again WATSAN team visited this project to carry out training o O&M committee.

The training of Nyambizi GFS O&M committee was held at winna primary school which is also a beneficiary of the scheme. This training considered the findings of the previous visit to the scheme as a whole which included the following:

- 1, The source in Karukobora was not yet re-fenced and animals were grazing from there.

- 2, Some repairs were done at the source to redirect two eyes back into the sedimentation tank however the excavated pipes during the process were not covered.
- 3, The tap at the source which was not functioning for a long time was repaired.
- 4, Both reservoir tanks at the source were almost full of water.
- 5, The reservoir tank in katojo was receiving very little water.
- 6, only three tapstands beyond Katojo reservoir tank out of 10 tap stands were receiving water.

Before the training we discussed the above findings with the O&M committee.

They attributed the lack of water in the 10 mentioned tap stands to the repairs they had been doing especially at two stream crossings where sleeve pipes rusted and the pipes broke pouring water into the streams which took a very long time to be discovered. However, these were repaired using money from their scheme accounts and were optimistic that water will reach everyone very soon.

They also informed us that they have now employed a new scheme attendant at a monthly payment of UGX 250,000 to regularly check the functionality of the scheme.

The committee has since improved user fee collection and they provided us with copies of their financial report for the one year they have been in office which indicated a bank balance of 570,000 shillings. Basing on the discussion the WATSAN team had had with the O&M committee members, the committee was re-trained them in the following key areas; finance management and accountability, making use of by-laws effectively, Record keeping and its importance, the importance of regular meetings for both the community and the O&M committee members etc.



*Ongoing training for the new O&M committee for Nyambizi GFS*

## **Recommendations**

There should be a follow up on the planned activities by the O&M committee to make sure beneficiaries receive water.

### **3. Nyakatare Hill Commissioning.**

In this quarter Nyakatare Hill Project was commissioned. It comprised of several water structures as outlined below:

- Two tanks (One at the Bishops residence and another at the diocesan staff quarters).
- One Low yield spring for the community and mothers union training centre for girls.
- Ruhandagazi - Katungu low yield spring in Kambuga Sub-county.

This function was presided over by the Bishop of Kinkiizi Diocese Rt. Rev. Benon Magezi. All the beneficiaries expressed gratitude for the good work done by NKKD WATSAN to provide them with accessible clean water. The function was colorful with jubilation and praise songs performed by the excited beneficiaries as a major highlight.

## **D.THE VISIT OF CANON ERIC AND REV. MOSES TO UK, JUNE 6-24, 2019**

### **Introduction/Background**

Following the invitation letter by Mr. Ian Bensted (chairman) on behalf of WATSAN UK support group dated 8<sup>th</sup>, March, 2019, the above field visit was made possible. WATSAN UK support group is a registered charity Reg. No. 112303 which backs an integrated Water, Hygiene and Sanitation projects across the Anglican Dioceses of Kinkiizi and North Kigezi in the South Western part of Uganda. The UK support group believes that it is important that Donors and supporters have the opportunity to hear from those who have firsthand experience of the projects and its impacts on the lives of beneficiaries and to keep in touch with its frontline leaders through at least occasional personal contact. It is against this background that the NKKD WATSAN Programme Coordinator/Director, Revd Canon Baingana Eric Mugenzi, and the senior assistant to the Programme Coordinator/ Kinkiizi Link Person, Rev. Moses Kabarebe were selected to visit UK from June 6<sup>th</sup>-24<sup>th</sup>, 2019.

Included in the report is the purpose/main objective, the fundraising strategy, methodologies for fundraising, details of walk for water in the Quantock hills, places visited, challenges encountered, possible recommendations as well as the lessons learnt from the whole tour as is explained below.

### **Main Purpose/Objective**

- 1) The primary focus and motivation for the invitation of Eric and Moses was to participate in the fundraising walk for water which was to take place in the Quantock hills on June 21<sup>st</sup>-23<sup>rd</sup>, 2019 from which the proceeds would be used for the implementation of Kihihi Hill Rain Water and Sanitation project
- 2) To have the opportunity of meeting many other UK supporters of various projects in the Dioceses.

### **A Typical Fundraising Strategy**

Unless otherwise stated, a typical fundraising strategy of every meeting comprised of the following;

- 1) Introductions of members/ visitor's present
- 2) Explanation of the WATSAN concept and its impact in the lives of beneficiaries through interactive interviews
- 3) Explaining the water and sanitation challenge and encouraging people to give either using the individual contribution forms or using Gift Aid boxes/envelopes

### **Methodology for Fundraising**

Several methods were employed to raise money for the project and included the following;

- 1) Inviting people for breakfast meeting. This was held on 8<sup>th</sup>/June/2019 where different people were invited to listen to WATSAN concepts and later alone were able to give towards the challenge
- 2) Inviting people to luncheons/ Dinners. Luncheon was held at St. Boniface Church-wood green on Thursday 13<sup>th</sup>/June/2019 and Dinners at Bishop Waltham Church hosted by the Rector on 9<sup>th</sup>/June/2019, and at Slough Baptist Church on 17<sup>th</sup>/June/2019.
- 3) Using the Pledge/ Contributions forms and Gift Aid parcels. These allowed different individuals to contribute accordingly and appropriately
- 4) Opening an online Fundraising page on WATSAN website. This mainly targeted people who could not be met physically. This was one of the major fundraising strategies
- 5) Teaching/Preaching in various churches/schools. This enabled us to speak to many people from various backgrounds world over about the WATSAN activities.
- 6) Using walk for water activity in the Quantock hills from 21<sup>st</sup>-23<sup>rd</sup>, June,2019 (To be explained in details later on)
- 7) Auctioning/ selling selected items e.g. honey, ice balls, cakes e.t.c
- 8) People committing themselves for standing orders to be paid monthly, annually e.t.c.
- 9) Through a live broad cast on communication channels especially face book
- 10) Interaction with people at all times and challenging them to contribute towards implementation of WATSAN activities

## Family Hostage

With a grateful heart, we would like to appreciate all the different families that hosted especially the WATSAN trustees and many more who made us feel comfortable during our stay. They include the following;

Family	Dates/days
i. Ian and Ellie Bensted	7 <sup>th</sup> -12/06 and 18 <sup>th</sup> -19 <sup>th</sup> /06
ii. Rev. Can. Gary Philbrick	13 <sup>th</sup> -15 <sup>th</sup> /06
iii. John and Gill Tybjerg	14 <sup>th</sup> /06/2019
iv. Graham and Phillipa Piper	16 <sup>th</sup> -17 <sup>th</sup> /06 and 23 <sup>rd</sup> -24 <sup>th</sup> /06
v. Andy and Kate Perryman	17 <sup>th</sup> -18 <sup>th</sup> /06
vi. Andrew and Caroline Macklean	19 <sup>th</sup> -21 <sup>st</sup> /06

## Walk For Water in Quantock Hills 21<sup>st</sup>-23<sup>rd</sup>/June/2019

This was an exciting event and was the Fifth Walk for water activity carried out by WATSAN UK support Charity. It was one of the fundraising methodologies for raising money for Kihiihi Hill Rain Water and Sanitation project proposal. All the participants were hosted at Great wood camp in the Qunatock hills. Prior to the walk for water day, all participants received instructions from the guides lead by Mr. Andrew Starr regarding the route. In total, the whole distance was approximately 25miles (40 kilometers). However, some people walked different distances as per their health and strength. Some walked 5miles while others walked 15 miles and the last group walked all the 25miles. In addition, all categories of people were represented .i.e. the elderly, the youths, the children and people with Disabilities. In total, over 50 people turned up for the event and this made it colorful. Selection of the participants was by individual/family contact and this has always brought various people from all corners of England to be part of the walk for water activity. And usually, the above selected individuals/ family give a financial contribution towards the project being implemented. Walk for water activity was challenging but most humbling because people forego their comfort zones to ensure that money is raised for the cause of provision of safe and drinking water in Uganda. What a great contribution!!!! God bless all the team that participated in the event.

## Churches Attended/Visited

While in the UK, we were hosted by a number of churches. In all these churches, we were given an opportunity to talk about WATSAN activities and its impact and sometimes preach/teach. They include among others; St.Peter's Parish church, St.Peter's Church hall, St. Mary's Upham, Crawley Baptist Church, Slough Baptist Church, St.John's Church in Poulner Ringwood Parish, St. Mark's Highcliffe, St. Boniface Church-wood green, URC- Fordingbridge, Christ Church Priory and Hengistbury e.t.c.

Many thanks to all the church leaders for granting us the audience and opportunity to share our WATSAN dream and all her involvement in the provision of clean and safe water. They are; Rev. James Hunt, Rev. Can. Gary Philbrick, Rev. Matthew Trick, Rev. Canon Charles, Rev. Gill Nobes, Pastor Andy Perryman, Rev. Nicky Davies and the Pastor of Crawley Baptist Church.

Additionally we attended a “Thy Kingdom come” prayer pick nick on Sunday 9<sup>th</sup>/June/2019 at Pocheater Castle that brought or always brings together different people from the churches and region of Portsmouth to pray and worship together. This was an amazing prayer event.

### **Tours/Adventure**

While in the UK, we had an opportunity to tour a number of places all of which were educative and interesting. Among them include the following; oxford tour including Christ Church Cathedral, martyrs memorial, Education colleges, London sights including London eye, Westminster Abbey, churches, Wild life/animal parks, historical sites, Ashmolean Museum, Buckingham Palace for the queen of England, Quantock hills, Windsor Town, the English channel, famous schools like Eton school known famously for England’s high level class leaders within the outstanding offices

### **WATSAN UK Trustees Meeting held on WED. 12<sup>TH</sup>/JUNE/2019**

This is a meeting that brings together the top leaders in the charity (UK Support Trustees). In attendance were 9(nine) people under the chairmanship of Mr. Ian Bensted who at the same time had hosted the meeting. A lot of things were discussed which will appear in the meeting final report. However, key areas of concern included;

- 1) To start laying strategies for replacing the current programme vehicle due to its high maintenance costs
- 2) To finalize with the process of documenting the safe guarding policy and make it operational.
- 3) To continue engaging the local and District leadership in all WATSAN work especially during the implementation process
- 4) To start on the process of formulating the sustainability policy for all the WATSAN established projects for their long time sustainability
- 5) To make a market survey for the Kinkiizi Link person motorcycle and find the appropriate price with a possibility of replacing it when funds are realized

### **Challenges Encountered**

Quite a few challenges were encountered and include the following;

- 1) Chilly/winter-like weather became too cold for us during our visit
- 2) Walking over 20miles in one day was also tedious but finally made it to the end
- 3) Short time of visit and yet many travels and visits with various activities to be done also made us wear out

### **Opportunities Encountered**

- 1) A well planned itinerary for our visit was so encouraging
- 2) A dedicated team in the families/ homes that hosted made our lives comfortable
- 3) Visiting various places around UK also increased on our knowledge span and was educative
- 4) Availability of Communication resources made us feel home away from home
- 5) Traveling as a team of two people was so powerful, we could compliment/supplement one another in various areas of our presentation
- 6) We had an opportunity of gauging our strength through the walk for water activity
- 7) Traveling in aero planes and experiencing life there in the air was one of the ever greatest and rare opportunities encountered.

### **Lessons Learnt From the Trip**

Indeed many lessons were learnt from the trip ranging from individual, family, church, organization among others. Below are some of them;

- 1) The trustees of WATSAN UK Support were spear heading the fundraising process. They were one team and worked as one in all ways
- 2) Unity among different denominations is strong factor for the success and effectiveness of WATSAN activities
- 3) We need to safeguard our history and if well preserved, it can be one of the tourism activities. Everything that has a history can be a tourism activity
- 4) We need to preserve our environment as much as we can. This will guarantee safe and conducive weather conditions for generations.
- 5) People do not only give because they have but give because they love.
- 6) Every church should have a well and clear laid down programme for the Christians in addition to her literature which should range from history, different groups activities, monthly reports, vision, mission among others
- 7) Majority of the churches have a church data base which includes, names, address, birthdates, contacts, children, email addresses etc. This helps in information dissemination throughout the church members
- 8) If the church is to last for generations, the leaders should focus on all categories of people especially the children and the youth and entice them to be active in all her Programmes
- 9) Need to work a lot to have a lot. There should not be any excuse for laziness and yet one expects to be better off tomorrow.
- 10) Need to have proper functional and established systems within all circles, individually, family, church, organization etc.
- 11) Staff motivation is one of the main ingredients for relationship building within an organization and even in church level.
- 12) Strong pattern ship within different members of the same organizations leads to a strong working team force for effective result output.
- 13) Our planning should be thorough in all ways. All events need to be tallied in days, weeks, months, years etc. This will enable people to be accountable and result oriented.

### **Appreciation**

With a grateful heart, we would like to extend our heartfelt appreciation to God for enabling us to have this golden opportunity of visiting UK and feel what we felt during our stay. In addition, special thanks go to;

- 1) Our Lord Bishops; Rt. Rev. Benon Magezi (Bishop North Kigezi Diocese), Rt. Rev. Dan Zoreka (Bishop Diocese of Kinkiizi) for granting us the opportunity to travel to UK.
- 2) The WATSAN UK Support Charity Trustees for their well and deep thought of having Ugandan representatives during their 5<sup>TH</sup> walk for water fundraising activity
- 3) We want in a special way to thank our main host Mr. Ian and Mrs. Ellie Bensted for their parental guidance during our stay in UK. You sacrificed a lot and forever we shall have a lot to owe you in return.
- 4) The NKKD WATSAN Management meeting members who also gave us a blessing to represent the whole programme in UK
- 5) People who hosted us in their families/homes while in UK and made our hospitality comfortable and desirable especially the food and drinks as well as various tours around different areas- we thank you

- 6) All the UK church leaders who accorded to us a platform to speak about WATSAN activities to all the church congregations, we cannot thank you enough
- 7) We also want to thank Mrs. Gill Tybjerg (Chairperson- Kinkiizi Action Group) who without any hesitation, thought to be part of this WATSAN programme. You introduced us to various churches and leaders in Christ Church Deanery and made our immense contribution. May this relationship between WATSAN and Christ Church Deanery remain forever
- 8) We thank people (Christians/friends) from our Dioceses who prayed with us during the whole journey to and to.
- 9) Finally, we thank our Spouses (wives) i.e. Constance and Deborah for Rev. Can Eric and Rev. Moses respectively for keeping strong and taking care of our families while we were away. May God bless you

### **Conclusion**

For the many that we saw, talked and experienced it was because of the love of UK people to Uganda. Our desire and pledge is that we shall live to see WATSAN activities grow from one level to another as we continue in the provision of safe and clean water to all the people of South Western Uganda. For all the programme you did for us, we can never thank you enough. For all the advice you gave us, we can never comprehend enough. For all the hospitality you accorded us, we can never repay in the same measure. Our only plea is that we all continue under the hand of the Almighty God and serve Him till our last breath. May God bless you all abundantly.