



ROTARY INTERNATIONAL WATER PROJECT

Brief Background History

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Project facilitator: Nyatike, Mfangano and Homa-bay

Rotary International started their service delivery work in Nyatike, Homa-bay and Mfangano Island way back in the year 2002. The Rotarians service to the three named areas has been Successful in a number of ways depending on the project delivered to communities in these three different locations. The three locations covered by the rotary International services are hundreds of miles apart and in different districts. Nyatike constituency in Migori district is where all the work started before proceeding to Rusinga Island which is in Homa-bay District. It borders Lake Victoria to the North and Tanzania borders which is less than two miles to the south.

It is approximated to cover an area of 705.8 miles (Km²) and is divided into 16 different locations which are further divided into 38 smaller sub-locations as shown in the chart provided below.

Nyatike has an average population of 54,000 registered persons and an estimated number of around 22,000 unregistered persons including men, women and children.

In Nyatike, Rotary projects cover central Kadem, North east and some parts of South Kadem.

Location	No. of Sub-locations	Total Area Coverage	Population per location
Central Kadem	4	100.4(Km ²)	5,100 _[MSOffice1]
South East Kadem	3	74.8(Km ²)	3,700
South Kadem	3	65.3(Km ²)	3,700
East Kadem	2	49.5(Km ²)	2,700

West Kadem	3	46.2(Km ²)	3,000
North Kadem	2	53.6(Km ²)	2,100
North East Kadem	2	46.2(Km ²)	2,700
Kaler	2	55.0(Km ²)	2,300
Muhuru West	3	46.5(Km ²)	3,300
Muhuru Central	2	36.8(Km ²)	3,100
South East Muhuru	2	40.0(Km ²)	4,200
East Muhuru	3	42.6(Km ²)	3,400
South East Karungu	4	100.0(Km ²)	4,600
East Karungu	3	44.7(Km ²)	4,400
C. Karungu	4	100.7(Km ²)	3,100
West Karungu	3	46.3(Km ²)	2,600

Nyatike, just like the other two areas Mfangano Island and Homa-bay is blessed with a number of resources ranging from Land, livestock and Minerals. There has been very poor exploitation and utilization of these resources due to lack of capital, expertise and above all POVERTY.

Rusinga is much smaller than Nyatike and the mainland part of Homa-bay district but all the same they seem to share a lot in common. It is an Island inside Lake Victoria which is densely populated. Early man lived here. Their traces could be found as they left behind their tools of trade and foundations of their settlement. The remains of the early man "*Homo Erectus*" were found here by Dr Richard Leakey. The major economic activity in this small region is definitely fishing which the locals have survived with from time immemorial.

Rusinga is in Mbita constituency which is in Homa-bay district meaning when giving a description of Mfangano Island, Homa-bay has been partly covered. Every time Rotarians deliver their services, they disintegrate Rusinga Island from Homa-bay mainland to ease service delivery.

The common PROBLEM which attracted the Rotarians attention to the three locations, i.e. Nyatike, Mfangano and Homa-bay Is WATER, though they have extended their efforts to help with Equipping school with Hundreds of desks, Stationeries, introducing co curriculum activities like the chess program Headed by American foundation for chess as well as provision of very poor and orphaned students with school uniforms. They have also solar powered several schools in the village and provided laptop computers.

Clean water (water for life) had been unrealized dream to many people living in the three areas before the arrival of the Rotarians. There has been hardly any clean water for human consumption and even the available water sources, Lake Victoria and river Kuja are situated in a very imbalanced way at the sides of the three areas making it difficult for

thousands of locals to access water and if they could, it's never safe for consumption. Water borne diseases are daily occurrences as there had not been proper treatments for the water before consumption.

Rotarians have been able to drill 4 new “deep” wells and have developed a spring with two water points and cattle trough in Nyatike. They have also managed to fix 10 deep wells which were dug by the Government of Kenya and had stalled for more than 10 years. This has helped a lot in giving locals a taste of clean and safe water for drinking. Some locals have also been trained to fix and maintain the pumps whenever they are broken and Rotarians provide spare parts. This has enhanced sustainability of the rotary water projects. Rotarians have also provided rain water roofing catchment system to one school in Nyatike and are planning to do even more.

A new water project is in its completion stage at a school in Rusinga Island which will give water to hundreds of students at Uozi Mixed Secondary school and locals around the school.



Villagers help install a hand pump at one of the Rotary water project sites In the village (Nyatike). “Oganga A well”



Rotarian Curtis Cummings from Bellevue Breakfast Rotary Club Takes on a student during the launch of the chess Curriculum at Mwangaza Academy in Homa-Bay

Schools

Rotary international has picked several schools in the Village (Nyatike), Mfangano Island and in Homa-bay which they give their support. These schools have been picked after a thorough assessment and consultations have been done and needs identified.



Part of the four Classrooms done by the Rotary international at Tuk Primary school

In the village (Nyatike) Rotarians support the following schools shown in the chart below;

School	No. of Students/Pupils	Service delivered so far	Location
Ageng'a Sec.School	332	-Solar Power -Laptop computers -Basketball Court -Chess Curriculum -Stationeries	Central Kadem
ST.Michaels Nyandema Sec.School	344	-Solar Panel -Laptop Computers Chess Curriculum	South Kadem
Agenga Primary school	630	-Solar Power -Laptop Computers -60 Desks -Rain water collecting system -Stationeries -Balls -Peace Pals Program	Central Kadem
Tuk Primary School	430	-30 Desks -Four Classrooms(Plaster floors and walls) -stationeries	West kadem
Got Ong'er primary school.	510	-Four Classrooms(Plaster walls and floors) -30 desks -Stationeries -Deep well 4km from the school but serves the school(Kamidira Well)	South Kadem
Goglo Primary School	210	-40 Desks -50 English dictionaries -stationeries	Central Kadem
Sere Primary School	260	-Two pit Latrines -40 desks -Stationeries	Central Kadem
Paw Ndege primary School	630	-20 desks -Peace pals program	South East Kadem
Nyatuoro primary school			North Kadem
Adiel Kindergarten	160	-50 desks	Central Kadem

		-Building arrangement in progress. -Stationeries -Writing Boards -Volunteer teacher wages.	
Ndiwa Primary school	460	-30 desks -Stationeries -Spring(3km from the school)	North Kadem
Angugo Primary School	320	-40 desks -Stationeries	Central Kadem

Homa-Bay and Rusinga Island

School	No of students	Service Delivered	Location
Mwangaza Academy	430	-Chess Curriculum -Games kits and Balls -Peace Pals program -Stationeries	Homa-Bay
Uozi Mixed Sec School	320	-Solar Power -Laptop Computer -Deep Well -Stationeries	Rusinga Island
Rabuor Masawa	422	-Desks -Stationeries -Chess Curriculum	Homa-bay
Masisi primary	340	-Desks -Stationeries	Rusinga Island
Wakula Primary	340	-Desks -Stationeries	Rusinga Island
Ugina Primary	220	-Desks -stationeries	Rusinga Island
Misori Primary	280	-Desks -stationeries	Rusinga Island

Water

Rotary international have managed several water points and as a matter of further development to the sites, Rotary international in conjunction with Vision Africa will in the year 2008 uplift the sites by installing more advanced water pumping and filtration system. This will enhance reliability, safety and capacity increment.

We have therefore picked the following sites which we feel are best suited for the upgrade and given the demographics.

Water Site demographics

Site Name(Bore hole)	Neighboring Schools(Distance from school)	Capacity(Water produced)	Population Served by the site(Bore hole)
Oganga A well	-2 Kms from Ageng'a Primary and sec.School to the south. -4Kms from Nyatuoro primary to the North. -Five Kms from Lwala rabuor to the north east	Approximately 20,000 ltrs daily	370 homes with approximately 3700 people
The Spring site	-2 from Ndiwa primary to the East -4 Km from Kikongo primary to the west. -5km from Owiro Primary to the south 1km from Ndiwa Shopping centre (Market) to the west.	Approximately over 50,000ltre of water can be produced daily. Has 24hrs flow of running water.	Over 400 homes with approximately Over 6000 people
Obware Site	-3Kms from Obware primary school. -4 kms from Tuk primary school to the south. -5Kms from Kikongo primary	50,000Ltrs of water of water Daily	Over 400 homes with a population of over 4000 people
Uozi school well site.	-Right inside the school and will serve the school community of 320 students Daily and the entire village	Has not been tested but next to completion	-Approximately 400 people.
Widows	-Barely 1 Km from	-	Approximately over 3000 Families

Village(Mfangano)	the shores of lake Victoria and that's their water source		
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The site demographic population is slightly higher because it is a general population of both registered and unregistered persons plus children under the age of 18.