

Samfya District Project, Zambia

Project outline

In 2012/13 WaterAid is appealing to Rotary clubs to support WaterAid's project work across four wards in **Samfya District, Zambia**, where only **7.1%** of the population have access to safe water and **0.6%** of the population can access safe sanitation facilities.

This project will run from April 2012 for one year and by working with local partners organisations WaterAid will improve access to safe water, sanitation and improved hygiene, reaching **9,200** people. Women and girls are at the heart of all of WaterAid's projects and this project will ensure that women are represented on Village Water, Sanitation and Hygiene (VWASH) committees.

The project will use a mixture of low cost, sustainable technologies, including; **rain water harvesting tanks** and **solar and wind energy powered piped water supply systems**. We will train local people so they have the skills required to carry out the work themselves. The total cost of the project is **£150,002** which we are seeking from individual club donations. We will deliver WASH to over **9,200** people at a cost of less than **£17** a head. In addition, WaterAid in Zambia will also promote learning's with existing Rotary International projects in Zambia.



Project proposal

Zambia is a large, landlocked country with a population of 12.6 million people from 70 ethnic groups. One of the poorest countries in Southern Africa, poverty is increasing and health is deteriorating: 64% of the population live below the poverty line, 14% are infected with HIV/AIDS and malaria is rife. Despite having one of the largest fresh water resources in Africa, reducing rainfall levels and repeated droughts have had a devastating impact on water resources. This had affected farming, depleted ground water supplies and impacted on the overall economy.



Sanitation is poor, existing traditional latrines are unsafe and unhygienic and many people practice open defecation, polluting the local environment. In areas where flooding is increasing, faeces washes into water sources leading to outbreaks of cholera and other deadly diseases.

In the Samfya District only **7.1%** of the population have access to safe drinking water and **0.6%** have access to safe sanitation. With the support of Rotary clubs we will improve access to Water, Sanitation and Hygiene (WASH) in Isamaba, Musaba, Chinkutula and Kasanasa wards (sub districts) in Samfya District.

The Project

With over 30 years of expertise in the field WaterAid has proven that together water, sanitation and hygiene education are essential to the reduction of poverty. By focusing on projects that combine these three elements, health benefits are maximised and the results are long lasting and wide reaching, enabling communities to take their first steps out of poverty.

With the support of Rotary clubs, and by working with our local partners, Development Aid from People to People (DAPP) and Samfya District Council (SDC), the project will develop and improve water supply and sanitation infrastructure reaching **9,200 rural people** in Samfya district with access to safe water and sanitation facilities.

Inclusive designs and technologies for water and sanitation facilities will be promoted to ensure equality of access for excluded groups – such as those with disabilities or those suffering from HIV/AIDS, reaching those most marginalised in the Samfya District. In addition, we will support communities to independently manage their own water and sanitation facilities with lasting benefits for the future.

Water

We will construct new, and rehabilitate existing water facilities and ensure that communities are equipped with the necessary skills to sustainably manage them. The project will use low cost, appropriate technologies, reaching the most marginalised communities in the Samfya District.

Key outcomes will include:

- 10 water points rehabilitated benefitting 2,000 people.
- 10 new boreholes drilled benefitting 2,500 people.
- 1 solar powered and 1 wind powered piped water supply to benefit 900 people.
- 8 tube wells drilled benefitting 1,200 people.
- 2 rain water harvesting systems constructed benefitting 800 people.
- 12 traditional water sources improved benefitting 1,800 people.
- 4 workshops in technical skills for 8 area pump menders and 20 masons.

9,200 people will to gain access to a clean, safe water supply this year.

Elizabeth Selookaa (green top) and Ellena Naryonda collect water from an open natural spring in Makamisa village. The spring is partially protected to prevent cattle drinking from it but is still open to the elements with a lot of green algae growing around it.



Sanitation

The project will promote sanitation and hygiene awareness that will provoke demand and support for improvements and construction of household and institutional latrines.

Key outcomes will include:

- 800 household latrines improved or constructed benefitting 4,800 people.
- 16 institutional latrines improved or constructed benefitting 880 people.
- 4 sanitation events undertaken to promote improved sanitation.

5,680 people will gain access to sanitation this year.

“Before we got improved latrines we dug a ditch that we would cover with grass. It was close to the house. We didn’t realise that this arrangement could bring diseases. We used to get a lot of diarrhoea. The flies would sit on the faeces and then on the food and we would get sick. Now we don’t get sick as much. Having a toilet with privacy is the best thing that has ever happened. You don’t have to be scared that someone is looking at you. For a woman it’s especially good of course!”

Elizabeth Junza, 67, Hambale, Chipenbele, Zambia.



Hygiene

The project will support school hygiene and nutrition activities and water resource management. This will empower community and school committees with knowledge and materials to sustain improved hygiene status.

Key outcomes will include:

- 800 households adopt good hygiene facilities including the use of hand washing facilities, refuse pits, dish racks and bathing shelters.
- 8 hand wash tanks installed and 16 hygiene kits distributed in 8 schools in the district.
- 4 workshops in technical skills for 8 hygiene promoters, and 8 health and nutrition coordinators.
- 16 Nutrition implement packages distributed in 8 targeted schools.
- 8 School Health and Nutrition Clubs and 4 Area Development Committees (ADCs) trained and managing WASH promotion activities.

7,380 will gain access to improved hygiene. Pupils in 8 targeted schools will gain access to improved nutrition information.

Advocacy

WaterAid uses advocacy to gain support from social and political leaders to increase investment in the WASH sector, targeting the poorest people. Awareness-raising campaigns and events, media and communications, research, learning and innovation are used to promote increased accountability and transparency amongst local government departments for the provision of effective water and sanitation schemes.

By engaging with government and influencing local level policies we can help to strengthen local service delivery. Combined with initiatives to link up with other development areas, such as education and health we can work to ensure that the importance of water, sanitation and hygiene in these areas is understood, maximising the reach of our work to increase the number of people gaining access to vital, life-changing services.

Key outcomes will include:

- 40 VWASH committees set up and trained to manage WASH promotion activities.
- 4 meetings organised with key contacts in local and district governments.
- 4 awareness workshops to mainstream themes such as equity & inclusion, environment, gender and HIV/AIDS.
- 8 planning and review meetings and 8 field monitoring visits.

Bartholamew lives in Chisekesi in Zambia, with his wife and children. He is an influential figure in the community, encouraging others to identify the problems that make their lives difficult and working with his village head-men to seek out solutions. When Bartholamew asked the community what they needed they said, “Water is what we need”. People told him how they got sick from the dirty water; that women and children spent hours every day digging shallow wells, or travelling long distances to fetch water.

Elected by the local community to represent them, Bartholamew led the call to approach local leaders to help. He says of his role, “I feel so very proud that people recognised something in me. I don’t get paid for the work I do, I don’t need recompense. The happiness that has come to the village is all I need as encouragement. The water is making a difference. People are getting less sick. It’s easy now for women and it’s safer for the children too.”



How your support can change lives

Hambale is a village located in Zambia's Chipenbele Ward. Typical of many rural communities, Hambale relied on traditional, unsafe sources for collecting water and had very poor sanitation. Since the start of a WaterAid project in 2008, the village has worked hard with our partners to achieve 100% water and sanitation coverage.

Mother of seven, Regis Sicheuunga (pictured here with her youngest daughter, Katherine and two grandchildren) lives in Hambale. Regis found out she was HIV positive when pregnant with Katherine. When we visited the village in July 2010, she told us how having clean water has made coping with the illness easier.



Above: Regis pictured with daughter, Katherine and her two grandchildren

“The new handpump has been particularly beneficial for me as now I don't have diarrhoea, which reduced my immunity. Diarrhoea used to re-occur about every six months. I would walk 18 km to the hospital to get medicine. We would leave at 7am and get there at 4pm.”

“Now, because the water is near, I can manage or send the young ones. Things are positive for me now. I am not scared and the children don't think about the future, when I won't be here.

“I thank the people who made this possible very much for the help that they have given, because I might not have had the strength to keep getting the water from far away. The knowledge they have brought to help me understand the importance of clean water, hand washing and toilets will help me live longer.”

Your support this year is vital in helping WaterAid to reach more communities like Regis's, helping them to access safe drinking water and improving overall health and wellbeing through better access to sanitation and improved hygiene practices.



Encourage your club to support the Samfya project. It costs less than £17 to provide a lasting supply of safe water and sanitation for one person in the Samfya District project. Your support will make a real difference to some of the Zambia's poorest communities. Thank you.

Cost breakdown*

1.0: Access to safe water Supply	Cost (£)
1.1 Rehabilitation of 10 communal water points	8,500
1.2 Drilling of 10 new boreholes	28,000
1.3 Drilling of 1 solar 1 and wind driven boreholes piped water supply	16,000
1.3 Drilling of 10 tube wells	8,500
1.4 Construction off 2 rain water harvesting system at institutions	3,500
1.5 Improvement of 12 traditional water sources	3,300
1.4 4 pre and post rain season water quality testing	1,400
1.5 8 sets of installation & maintenance tools & 8 sets of protective clothing for area pump minders	2,200
1.6 4 sets of well digging & 1 set of manual drilling tools equipment (suction pump and generator set)	2,400
Subtotal:	73,800

2.0: Access to safe sanitation	Cost (£)
2.1 Construct 800 household latrines	14,000
2.2 Construct 16 institutional latrines	10,100
2.3 4 sanitation education events	1,000
2.4 4 pre and post rain season sanitation surveys	700
2.5 Purchase 20 sets of building tools and 20 sets of protective clothing for masons	2,200
Subtotal:	28,000

3.0: Access to improved hygiene and nutrition	Cost (£)
3.1 Conduct pre implementation survey	450
3.2 Develop information, education and communication materials	600
3.3 16 hygiene kits	1,100
3.4 Construct 8 school hand washing facilities	1,400
Subtotal:	3,550

4.0: Capacity building and Advocacy	Cost (£)
4.1 Orienting of local community organisations in roles & responsibilities, including VWASH committees	1,415
4.2 Technical skills of 8 area pump minders, 20 masons, 8 hygiene Promoters, and 8 school health coordinators	1,300
4.3 Hold 4 meetings and 4 campaigning events, including World Water Day and World Toilet Day	2,400
4.4 Hold 4 workshops for awareness focus on equity & inclusion, environment, gender, HIV/AIDS and WASH rights	1,200

4.5 Planning, monitoring and review	2,100
4.6 Procure spare parts for setting up supply management	2,100
Subtotal:	10,515

5.0: Project Overhead and administration cost	Cost (£)
5.1 Partner costs (staff costs, office supplies & consumables, local travel, vehicle running costs, etc)	20,500
5.2 WaterAid in Zambia cost (10%)	13,637
Subtotal:	34,137
Total Project Cost:	150,002

* All costs are subject to change due to inflation and changes in currency conversion rates.

Reporting and Monitoring

All of the funds to support this project need to be received by March 2013. A six month progress report will be available and a full project evaluation will be available in June 2013. The project will be audited in accordance to WaterAid's auditing policy.

Project team in Zambia and Contact information

The project will be implemented in partnership with key partners Development Aid from People to People (DAPP) and Samfya District Council (SDC). WaterAid have been working with DAPP and SDC in the Samfya region since 2006, successfully implementing and monitoring safe water, adequate sanitation and improved hygiene programmes.

WaterAid will be the fund manager, coordinate the reporting and provide technical assistance to field staff. DAPP will oversee day to day field activity implementation; SDC will coordinate monitoring and technical support.

The overall project team will include the following;
 Rtn Paul Kapotwe, Country Representative, Zambia
 Joseph Pupe, Programme Manager, Zambia

For more information, or to discuss this proposal in more detail please contact the Rotary coordinator in the UK, Charlotte Flew, rotary@wateraid.org, 020 7793 4563



WaterAid transforms lives by improving access to safe water, hygiene and sanitation in the world's poorest communities. We work with partners and influence decision-makers to maximise our impact.

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