



WF-AID
ECONOMIC EMPOWERMENT & DISASTER RELIEF



**Mohsin & Fauzia Jaffer
FOUNDATION**

UPLIFTING HUMANITY

WESTON, FLORIDA USA

Ali Asghar Water Appeal 2020-21 Partnership Project



WASH (Water, Sanitation & Hygiene) Completion Report in Uganda

Registered Charity (UK), No. 282303

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Overview

WF-AID would like to express its gratitude to the Mohsin & Fauzia Jaffer Foundation USA for their unwavering support for our projects and for assisting humanity at large. In this instance, the Foundation has contributed just shy of USD \$21,000 towards our WASH (water, sanitation and hygiene) initiative in Uganda, as part of their wider commitment to WF-AID's Ali Asghar Water Appeal.

The initiative involved the installation of water wells and a repair & maintenance programme for boreholes across three districts in Eastern Uganda, where access to clean, safe drinking water was severely limited. Our ground agency conducted a thorough needs analysis which found that a lack of adequate infrastructure made access to clean water extremely difficult in the scouted areas and had forced the local populace to fetch water from unprotected wells, streams, ponds and still water - which had been causing several waterborne diseases.

They had also noted the severity of the risks posed to girls who fetch water, based on the existing gender roles in this part of the developing world where the burden of responsibility of fetching water is on women and girls. Furthermore, they had found that the average time consumed for fetching water is 4-5 hours per trip, with 2-3 trips per day not being uncommon. Having clean water readily available in a village results in the time consumed in searching for water being converted to other more productive activities, especially in the case of girls having more time in education and in income generating activities. There are also numerous indirect benefits to a water programme such as this, including the increase of healthiness amongst the population (due to a reduced chance of contaminating waterborne diseases) as well as boosting agricultural activities.

The following report will provide an evaluation of the impact of the project with beneficiary statistics and key information, as well as case studies.

Water Well Installation

One aspect of the project involved digging and installing HDW (hand-dug wells) in nine villages across the three districts of Bukedea, Kibuku and Pallisa, in Eastern Uganda. These areas were targeted through the needs analysis due to inadequate government funding for villages with low infrastructure levels and their remoteness.

Each well built serves at least 100 different families, totalling 1,280 families for all nine villages, which the table below summarises:

Districts	Villages for each water well	Number of households served
Bukedea	kachumbala	123
	Aloet	135
	Amusi	142
Kibuku	Goligoli	102
	kamuge	115
	kaparakata	172
Pallisa	koseyi	163
	Namuswala	148
	Bunamwela	180
TOTAL		1,280

The cost of digging one well and installing a hand pump was \$1,200, with all nine coming to \$10,800. This means that the provision of clean, drinking water to a family through HDW's on average came to \$8.44!

HDW's supplement the existing water sources, such as local wells and boreholes, and are a traditional method of obtaining groundwater in the developing world. The wells are lined with concrete cylinders to prevent pollution or disintegration, as well as a drainage channel to prevent waste water seeping back into the well.

Upon receipt of the funds, the project underwent the following stages:

1. Project initiation meeting with stakeholders and preparation of the work plan.
2. Site visit and inspection of the boreholes to determine the parts to be installed for repair, and assessment of areas to install the HDWs.
3. Selection of vendors and procurement of equipment.
4. Selection of local contractors to implement the project.
5. Implementation.
6. Monitoring, supervision and training of village health teams on sanitation, usage and maintenance.
7. Compilation of report.

As noted on point 4, the project involved training water supply caretakers and village health teams per parish. These trained teams form a steering committee on water facilities and health-related problems in the local community. This enhances the sustainability element of the project, which builds the capacity of village health teams and households in water maintenance, sanitation and good hygiene practices.

The below table denotes individual beneficiary statistics per HDW:

Village	BENEFICIARIES				
	Children 5-18 yrs	Women 25-60 yrs	Men 25-60 yrs	Nearby Schools	Nearby Mosques
Kachumbalala	550	250	413	2	1
Aloet	520	300	600	--	1
Amusi	650	380	280	2	2
Goligol	240	180	220	1	1
Kamuge	310	216	450	1	1
kaparakata	320	240	350	1	1
Koseyi	280	345	287	---	--
Namuswala	460	286	550	1	2
Bunamwela	360	420	640	2	1



Construction of a hand-dug well in Aloet village, Bukedea District



Beneficiaries enjoying access to clean water in Namuswala village, Kibuku District

Further media is provided on the OneDrive link that was shared with the Mohsin & Fauzia Jaffer Foundation.

Borehole Repair & Maintenance

The other aspect of this project involved repairing 30 existing boreholes, 10 in each district of Bukedea, Pallisa and Kibuku. These existing boreholes had become impractical for use due to spoiled parts such as pipes, rods, valves, pedestals, head assemblies and cylinders - yet had the possibility of functioning as a new borehole once properly repaired and maintained. This is the most efficient manner of preserving an existing borehole well, which has the ability to produce clean water for several years.

The number of beneficiaries per well in each village is between 700-900, which is further noted on subsequent pages.



A repaired borehole (prior to concrete slabbing) in Matakole village, Pallisa District

Beneficiary breakdown of the boreholes

DISTRICT	VILLAGE	NUMBER OF BENEFICIARIES
Bukedea	Kamoni	800
	Kolir	640
	Kakotiya	950
	Chebukube	840
	Aponyeyi	780
	Amit	920
	Mukula	810
	Okugulo	790
	Kidongole	900
	Katekwana	820
TOTAL		8,250

DISTRICT	VILLAGE	NUMBER OF BENEFICIARIES
Pallisa	Gogonyo	865
	Agule	790
	Kaberayi	815
	Buganza	835
	Kadoto	880
	Kachocha	905
	Kashebayi	925
	Matakole	765
	Kanyumu	965
	Kabuyayi	975
TOTAL		8,720

DISTRICT	VILLAGE	NUMBER OF BENEFICIARIES
Kibuku	Kuleka	875
	Pulaka	985
	Bukidayi	960
	Buyeda	945
	Kalalaka	805
	Butegulo	876
	Kayoga	700
	Gayaza	785
	Bukomolo	800
	Kakwebeta	890
TOTAL		8,621

The above illustrates that 25,591 individuals will benefit from the repaired and ongoing maintenance of the 30 boreholes.

In this manner, the average cost of the repair and maintenance of each borehole came to \$250, with the total cost of all 30 being \$7,500. As an analysis, this means that access to clean water for an individual residing in one of these villages cost less than \$0.30!

Financial Account

Stage or component of set up	Detail	UNIT COST	TOTAL COST (\$USD)
Repair and maintenance of boreholes	Repairing 30 boreholes in ten villages	250	7,500
Digging water wells	Digging 9 water wells and installation of hand pumps	1,200	10800
Banner printing	Printing out 4 banners	15	60
Printing plaques	Making 39 plaques	25	975
Overhead costs	Transport costs, building capacity of village health teams and community leaders	--	600
Operational costs	Ensuring delivery of project and reporting (5% WF-AID)	--	997
Total Cost			20,932

With regard to the remaining projects with the Foundation's generous contribution of \$158,745, we are currently in Phase 1 of the well building initiative in Tanzania, halfway through the water irrigation project in Afghanistan and about to commence a washrooms and hand-pumps project in Uttar Pradesh, India. This is noted on the next page.

Country	Project	Cost (USD \$)
Uganda	Borehole repair and water well installation	\$20,931.75
Tanzania	Phase 1 – Wells	\$17,850
Afghanistan	Water irrigation project	\$15,750
India	Washrooms and hand-pumps	\$10,342.50
	TOTAL	\$64,874.25

With respect to the remaining \$93,870.75 which has been designated for the subsequent phases of the well building project in Tanzania, once WF-AID receive a satisfactory report on Phase 1, we will continue with this project. WF-AID will continue to update the Mohsin & Fauzia Jaffer Foundation USA upon completion of each project and phase.

**Imam Ja'far Sadiq (a.s.) says:
 “An act of charity given openly
 prevents seventy types of
 mishaps, and a secretly given
 charity cools the anger of our
 Lord Allah (S.w.T.)”**

Bihar ul Anwar v93, p130r