

Fondation Eagle
Completion Report Form

Fondation Eagle reference: FF 611

Name of charity: The Wulugu Project (Charity Number 106091)

Introduction: We were overwhelmed by the renewed opportunity we were given to protect vulnerable communities from the threat of covid 19 as well as common water borne diseases including cholera. This time we intended to operate in 9 villages, with one having 2 bores because of its size. Unavoidable changes meant that we drilled successfully at 10 sites. Fondation Eagle were most tolerant, agreeing to allow these changes.

Type of project: Covid 19 emergency response—provision of 10 mechanized boreholes.

Place of project:

10 villages in the Northern Region, Ghana.

Some of the original sites proved to be unworkable, largely due to un-reachable depths, inadequate volumes or too saline water. These were substituted by other equally desperate communities. Names of all sites drilled are given with information below.

Size of grant: £39,840

Period of project: December 2021-March 2021

Date accepted: 13. Dec. 2021.

Details of the project:

We drilled and made ready for use 10 mechanised boreholes in Northern Ghana.

Work was completed by 15.03.2022

As with our first boreholes, these are expected to last for many years. Our Ghana team looked carefully at drilling companies before making a decision. There were

cheaper options, but we wanted to have long-lasting, repairable and durable machinery. The company are responsible for repairs in the first year. After that the District Assembly will take responsibility. We have many letters from all sectors of the beneficiary communities, outlining their determination to ensure the bores are maintained. Our team will regularly check, and local governments are aware that they must meet our expectations or lose our support. Since we are the key player in their education provision, we are in a strong position. Our high reputation has been built over many years and they are anxious to maintain our support.

Construction:

We unfortunately encountered several problems but all were overcome within a short time. All materials were readily available and were supplied promptly.

We had to make several changes of site due to unforeseeable obstacles. These included very low water levels and high salinity. However, in some of the villages, we were told that earlier attempts by others to drill had failed completely and they were thrilled that we were successful. The drilling engineers were surprised at the extreme poverty they witnessed. Even in Ghana, few are aware of the level of deprivation and neglect in some of our villages. Occupations in the villages are mainly peasant farming and petty trading for the women. The communities were always willing to provide food and accommodation and help the workers in any way they could.

Sites successfully drilled.

(Those in red are substitutions, originals in brackets). The two new sites at New Town and Zangbalun will still benefit the people of Saakuba. Nabtina whose population is 12,160. Nabtina was requested to be replaced by Nima Fong but this also proved unsuccessful so was replaced with Nayili Fong.

The extra cost of extra exploratory diggings was covered by the local Member of Parliament.

COMMUNITY	POPULATION	PREVIOUS WATER SOURCE	WATER SOURCE SHARED WITH ANIMALS	ESTIMATED COST PER UNIT 31,870 GH Cedis = £3,984
KOBLIMAHAGU	1,879	STREAM	YES	1
KPRING (TAHA)	1,206	STREAM	YES	1
FUO EXTENSION (GBANYAMNI)	2,126	1 DUG OUT DAM	YES	1

ZUGU DABOGNI	3,815	1 DUG OUT DAM	YES	1
KALPOHIN (SAATINGLI)	3,763	1 DUG OUT DAM	YES	1
WOVAGU	1,126	1 DUG OUT DAM	YES	1
NAYILI FONG (NABTINA) (NIMA FONG)	1,016	HAND DUG WELL	NO	1
KULAA	3,815	HAND DUG WELL	NO	1
NEW TOWN (SAAKUBU)	976	1 DUG OUT DAM	YES	1
ZANGBALUN (SAAKUBU)	1,819	1 DUG OUT DAM	YES	1
TOTAL	21,541			10

Women collecting clean water from their new boreholes.







Impact:

It is difficult to explain the enormous impact this project is making. The villages benefitting share the major disadvantages of so many in this region. They are challenging to access and out of reach of larger centres of population. There is major long-term poverty. It is easy for them to be ignored by government and the larger charities as they are forgotten and invisible. But we are privileged to work with them as they strive for better lives for their children. Our education projects are helping considerably.

Project Beneficiaries:

10 communities with population of 21,541 are benefitting directly. There are at least another 20,000 beneficiaries from surrounding communities. The actual total is probably almost 50,000 who will be protected from any water-associated covid risk as well as many other water-born infections. This includes villages that are not captured in our application and yet will draw water from the sites where these boreholes exist. These considerably outnumber the villagers who live in places that the bores are actually sited in.

Long-term, numbers will be substantial. Increased community health will lead to decreased poverty and increased confidence and stability. Local economies will improve. Income is generated for the families by peasant farming. Even a small

increase in local economy will enable better use of available machinery and enable better prices for the food that is sold.

Communities will all benefit considerably from the positive impact on girls. Girls are the normal water-carriers and can spend many hours doing this each day. This is not only exhausting but also has a major negative impact on education. The easily available clean water makes a major contribution to ensuring girls have equal opportunities to those of boys. They no longer have to walk for miles in order to find the clean water that they know is essential in this worrying covid time. Educated girls have greater autonomy, are likely to marry later, have fewer children and to send all their children to school.

Expenditure summary:

BUDGET COST FOR ALL 10 BOREHOLES			ESTIMATE		ACTUAL EXPENDITURE		
ITEM		UNIT PRICE	(GHS)	(GB£)	UNIT PRICE	(GHS)	(GB£)
DRILLING AND INSTALATIONS	10	9,600	96,000	12,800	9,600	96,000	11,707
2.5HP SUBMERSIBLE PUMP	10	7,200	72,000	9,000	7,600	76,000	9,268
10,000 LITRE POLYTANK	10	6,650	66,500	8,313	6,800	68,000	8,293
TANK PLATFORM AND INSTALLATION ACCESSORIES	10	4,320	43,200	4,027	5,215	52,150	6,360
Workmanship for plumber	10	2,200	22,000	2,667	2,000	20,000	2,439
Workmanship for masons	10	1,400	14,000	1,600	1,200	12,000	1,463
Chemical and bacteriological analysis	10	500	5,000	667	800	8,000	976
TOTAL		31,870	318,700	39,840		332,150	40,506

We managed to get the drilling and its accompanying materials at the estimated price because the company used the old stock we negotiated on, the old price and the cost of workmanship. They would usually increase prices at prevailing market prices, but our working relationship with them, and the fact that we drilled 10 boreholes at one time gave us the bargaining power to pin them to the previous price. This accounts for the price stability in the actual drilling.

We did have to pay for other components at new increased prices. Installation and construction of the platforms, plumbing materials and the Poly tanks all saw increases.

Dates and rates of exchange:

Estimates were based on exchange rate 8 GH Cedis = £1 GB.

Exchange rate achieved:

£20,000 on 4/1/22 @ 8.2 = 164,000 GH Cedis.

£19840 on 13/1/22 @ 8.2 = 162,688 GH Cedis.

Total GH Cedis received = 326,688 Cedis actual amount spent is 332,150 Cedis.

Overspend is 5,462 GH Cedis = £666.00 which was met by The Wulugu Project.

Inflation in Ghana is an on-going problem. Costs of all materials have been continually monitored and our suppliers know that we have a very tight budget. We have provided 10 mechanised boreholes with this grant. Mechanisation ensures that potential disease spread is greatly lowered.

We selected the pumps very carefully and chose a model that was more expensive than some others but was of better quality, longer lasting and more easily serviced.

The electricity supply for the pumps will be paid for by local governments.

Result and Conclusion:

Alongside so many relieved beneficiaries, we are totally delighted at what has been achieved by this further intervention by Fondation Eagle. As others have seen the effect of our work, we have received a great number of appeals from other communities. We have to accept that, for the size of our charity, our impact has been outstanding. All through this work we found it difficult to really appreciate the completely life-changing effect of this invaluable work—and that the cost per head benefitting is so very small. Our team are constantly overwhelmed by the depth of gratitude and have to keep telling the people that it is Fondation Eagle that made it happen, not them! Local Governments, Chiefs and 'The Wulugu Project' will continue to monitor the boreholes.

Letters of appreciation. There are many. Below is typical.

'On behalf of the people, women and children in particular of Kulaa community, we are delighted and very grateful for the humanitarian gesture you have extended to us in the drilling and mechanizing a borehole hole for the people of Kulaa.

This facility will go a long way to alleviate the water challenges of the area and lessen the huge burden on our wives and daughters who had to trek distances to secure dam water for our consumption and domestic use.

The dam water usually infested with animal dung as we shared this water with the animals, now we have clean durable drinking water to our disposal and will do all in our power to preserve and maintain it to serve generations yet unborn. Thank you once more for your kind generosity and we will forever be indebted to you and your

donor partners for saving our lives and giving us the opportunity to stay and live healthy.

You are forever in our prayers for long life and health to continue to do the good job you are doing for humanity. Long live wululgu project, long live your donor partners together may you continue to put smiles on the hearts and faces of all that you come in contact with. We are most grateful.'

Yours truly

Naa-Adam Gundan Kulaa Chief



Villagers waiting to collect water from Kulaa borehole.

'It is my pleasure to write on behalf of my people to thank you and your good office for the borehole your outfit has provided for my people, this will solve greatly the water challenges we face especially during the dry season and will go a long way to prevent the numerous diseases of typhoid and diarrhea my people faced from drinking and sharing dam and dug out water with animals and the source of the water was so exposed to all forms of contamination. We are most grateful for this life

saving project and it will be preserved and looked after to continue to be of service to the people.'

.Inusah Adballah

Assemblyman for Koblimahagu



Clean water for the population of Koblimahagu instead of sharing a stream with animals.



OFFICE OF PARLIAMENT

HON. DR. HAMZA ADAM

MP KUMBUNGU

Office Address: Office of Parliament, Parliament House, Accra - Ghana



My Ref:
MP/008/2022

Your Ref:

10/03/2022

The country Director

Wulgu Project

Ghana

Dear sir,

EXPRESSION OF GRATITUDE

I write on behalf of the chiefs, stakeholders and the good people of Kumbungu district to express our profound gratitude to your organization for responding to our cry by providing portable water, through the provision of mechanized boreholes in the following communities: Newtown, Nayilifong, Zangbalun extension, Kpring and Zugu-Dabogni.

The provision of the portable water is alleviating the suffering of people in those communities, especially women and children, who are culturally burden the responsibility of providing water for the households. The recent projects add up to the series of interventions your organization has offered to the good people of Kumbungu districts. We are indeed much grateful for the support. We trust that your organization would continue to support us, as many more communities are still in need of potable water.

Thank you,

Yours' Truly

Hon. Dr. Hamza Adam

Member of Parliament

Kumbungu Constituency

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Signature and date: Lynne Symonds. 26th March 2022