



**Bongo Development Organization**  
P.O. Box 5, Bongo, Upper East Region, Ghana (West Africa)  
**Telephone:** +233 (0)244160190  
**E-mail:** bondotrust@gmail.com  
**Web:** [www.bondotrust.com](http://www.bondotrust.com)  
**Bondo Trust is a UK Registered Charity No: 1157379**

# REPORT ON BOREHOLE REPAIRS IN BON- GO DISTRICT, UER, GHANA

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Carried out October to December 2016

## 1. Implementation Strategies

The implementation approach was demand driven. As such the actors had the following roles/responsibilities:

### 1.1. Donors

- Fund mobilisation
- Set up standards and ensure quality
- Monitoring and evaluation

### 1.2. Bongo Development Organisation (Bondo Trust)

- Administer donor funds and write progress reports.
- Facilitate full community participation
- Conduct community and beneficiary identification
- Brief community regularly and get feedback
- Facilitate supply of materials and new pump system
- Supervise construction work of artisans
- Training of Water and Sanitation Committee) WATSAN committees\ Hygiene education
- Help solve conflicts and problems at different levels
- Concrete pad construction
- Old pump system and complete pump, pipework lift rods and pump barrel installation

## 2. Activities 2016

This Programme has covered the repair of water supplies in 4 villages in the District over the end of 2016. These villages are listed below. We are unable to provide GPS coordinates, and hope to rectify this over the end of the year.

### **Akundo community**

#### **Feo Primary school**

#### **Namoo Awale**

### **Apaka community**

We carried out Akundo Primary School in August 2016, this borehole pump repair is in the Community.

Apaka Community has not had water for one year!. The Area Mechanic from the District said that there was no water as the water table had dropped. He was wrong!

A woman in the Apaka market told me she had carried a yellow container 25kg of water from a neighbouring community borehole, and her husband had given the water to the donkey. She was very angry but could not cook to feed her children so they all starved for two days.

We replaced the pump and found 30 litres per minute.

These villages have boreholes, but the hand pumps have failed and the villages do not have the resources to repair them. The boreholes were originally drilled in the late 1980's, now the parts are not all available and those that are can be very expensive to buy. Therefore the community cannot afford to replace the parts and maintain the boreholes. The villages are now completely reliant upon surface water in the form of pools and unprotected streams, the use of which results in high rates of sickness and mortality.

The villagers report continually suffering from cholera, typhoid and dysentery. The women and children spend several hours looking for water, and walk long distances (3-6 miles) carrying water. As such this affects everyday life for the women of the village and also the children's education as due to the time spent collecting water they are sometimes late for school. There is also a concern for the security of women when they walk outside the village especially when they carry their babies with them and water on their head.

The villages have requested BONDO to provide a Clean Water Programme, which in turn will be funded by LWA (a water charity based in the UK).

## 2. Systematic and Efficient Process for Delivery

Bondo have created a systematic process for efficient implementation. Four meetings are held with each community and beneficiaries.

### 2.1. Borehole Repairs

**General Meeting 1** Bondo initially meet with the community and introduced the project to the Traditional Leaders and the Assemblyperson.

In the case of the new Bongo Central borehole, a meeting was set up after an initial feasibility assessment of locations, and was discussed with the Traditional Leader and the Assemblyperson.

**Meeting 2** During the second Community meeting we visit the area and assess the problems with the borehole facility. The costs of replacement or repair including cost of required materials are estimated and the amount of funding available are discussed with the Community.

During this meeting we also explain the need for operation and maintenance, in the form of a short training course for the entire community – this encourages ownership. We inculcate the need for regular and accurate book-keeping of the yearly contribution from the Community towards Operation and Maintenance.

The outcome of this meeting is the opening of Bank account(s) at Bongo Rural Bank, for safe-keeping of these important funds.

**Meeting 3** The outcome of this meeting is the formation of the WATSAN Committee, comprising Chairman, Secretary, Treasurer, two caretakers and two Hygiene Promoters. These people are further trained in manual repairs on the borehole and how to promote hygiene education in the community.

**Meeting 4** This provides a forum and a process for conflict resolution.

The processes adopted enhance project acceptability and help to identify and eliminate sources of conflicts among community members.

### 2.2. Responsibilities of Beneficiaries for Boreholes

The Community Members collect stones, sand and water, and provide labour in the mixing and carrying of concrete for the platform, and support installation of the hand pump.

### 3. Bondo and Community Implementation

Bondo has successfully repaired 3 and installed one new borehole with the 4th hand pump in the above communities, replacing the failed hand pumps with modern hand pumps and repaired concrete pad construction. Photographs were taken before, during and after the works.

In addition, Bondo has formed WATSAN Committees in each community, and delivered hygiene education and management training.

Each borehole now has bank accounts with Bongo Rural Bank, to support operation and maintenance for sustainability of the facility.

<b>Activity</b>	<b>Target Date</b>	<b>Notes</b>
Agreement to proceed & provision of funds	September 2016	See separate appendix's for budget
WatSan committee and Bank account in place	September 2016	
Hand Pump repairs complete	October to Nov 2016	
Hygiene Education complete	November 2016	
Project Completion Package	November 2016	Report will be sent to LWA
Report on Health Benefits & WatSan Committee Performance	By November 2016	See separate appendix's for budget



**Akundo community Before**



**Akundo Chairman with Bank Book**



**Feo Primary School Before**



**Feo Primary School after**



**Feo Primary School children after**



**Feo PTA Chairman with bank book**



**Namoo Awale Community Before**



**Namoo Awane After**





**Namoo Awale Community After**



**Namoo Awane Chairlady with bank book**



Apaka community befor one year without water



Apaka after



**Apaka Community**



**Apaka Chairman with bank book**

Faustina Atipoka Awane,

Bongo Development Organisation

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