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**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 March to April 2017

## 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 2017

This Programme has covered the repair of water supplies in 9 villages and schools in the District over the period March to May 2017. These villages and schools are listed below. We are unable to provide GPS coordinates.

Bondo is proud to note that all these 9 boreholes, with all the problems to overcome and multiple community meetings, were completed in 3 weeks of well organised work. The WATSAN committees are now working effectively, and bank accounts are set up for operation and maintenance funds. Most importantly the communities and school users are very grateful for the LWA funds that have made this possible. The Bondo team has proven its capacity to accelerate the delivery of boreholes while keeping costs in budget.

**Bongo SHS,**

**Ayoripia Junior High School,**

**Akundo community,**

**Lungo New Town Community,**

**Nayorigo Community,**

**Borigo Community,**

**Ayoripia community,**

**Agumoa Community,**

**Feo Market**

These communities, apart from Bongo SHS have boreholes, but the hand pumps have failed and the villages do not have the resources to repair them. Six of the boreholes were originally drilled in the late 1980's to 90's, now the parts are not all available and those that are can be very expensive to buy. Two more recent boreholes in Akundo and Lungo New Town communities had pumps only about 3 years old. However the hand pumps supplied were incorrect so they only worked for a short time before failing.

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 Bongo SHS borehole was newly drilled, employing funding from Project Bongo in Shetland.

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) car-

rying 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 BONDON 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

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

### 2.1. Borehole Repairs

**General Meeting 1** Bondon 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 and replaced 9 hand pumps in the above communities and schools, replacing the failed hand pumps with modern hand pumps and repaired concrete pad construction, and building a new pad at Bongo SHS. 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.

Activity	Target Date	Notes
Agreement to proceed & provision of funds	March 2017	See separate appendix's for budget
WatSan committee and Bank account in place	March to April 2017	
Hand Pump repairs complete	April 2017	
Hygiene Education complete	March to April 2017	
Project Completion Package	May 2017	Report will be sent to LWA
Report on Health Benefits & WatSan Committee Performance	By	See separate appendix's for budget

For Pictures of works and receipts please see accompanying Powerpoint

## 4. Accounts:

**Donors Confidential Financial Data**

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Bondo Development Organisation

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