



Africa Sand Dam Foundation

Just a Drop

MBUKILYE NGUKILYE WIDOWS SHG PROJECT
IMPLEMENTED AT KYENI AIC PRIMARY SCHOOL
BY AFRICA SAND DAM FOUNDATION
COLLABORATION WITH JUST A DROP
CONSULTANTS BY BALTIMORE AIRCOIL

DATE BASED 2018
DATE 2018



Final Report

Kyeni Primary School, Kenya

Project Reference: 251c/3/AF/17

Implemented by Just a Drop

Supported by Baltimore Aircoil Company

July 2018



Just a Drop



Overview

Just a Drop is pleased to provide the final report to Balitmore Aircoil Company for Kyeni Primary School in Kenya, where we have brought safe water to 267 pupils and teachers, as well as conducting WASH (Water, Sanitation and Hygiene) education

Kenya is a chronically water-scarce country, with large parts of the land classified as arid or semi-arid, and prone to severe drought. This leads to food scarcity and poverty. A lack of infrastructure, a growing population and climate change have contributed to worsening conditions. 42% of the population lives below the poverty line.

The following outcomes have been achieved in the school:

1

Access to safe drinking water

- Construction of a 104M³ storage tank, collecting safe water through the rainy seasons which can also be used as storage tank for water to be bought on a large scale if the rains do not provide enough

2

Water, Sanitation and Hygiene (WASH) education

- Installation of 3 handwashing facilities
- Education includes handwashing, safe water, food hygiene, latrine use and prevention of diarrhoea, amongst other WASH topics
- A Health Club was set up to continue reinforcing these messages to current and future students

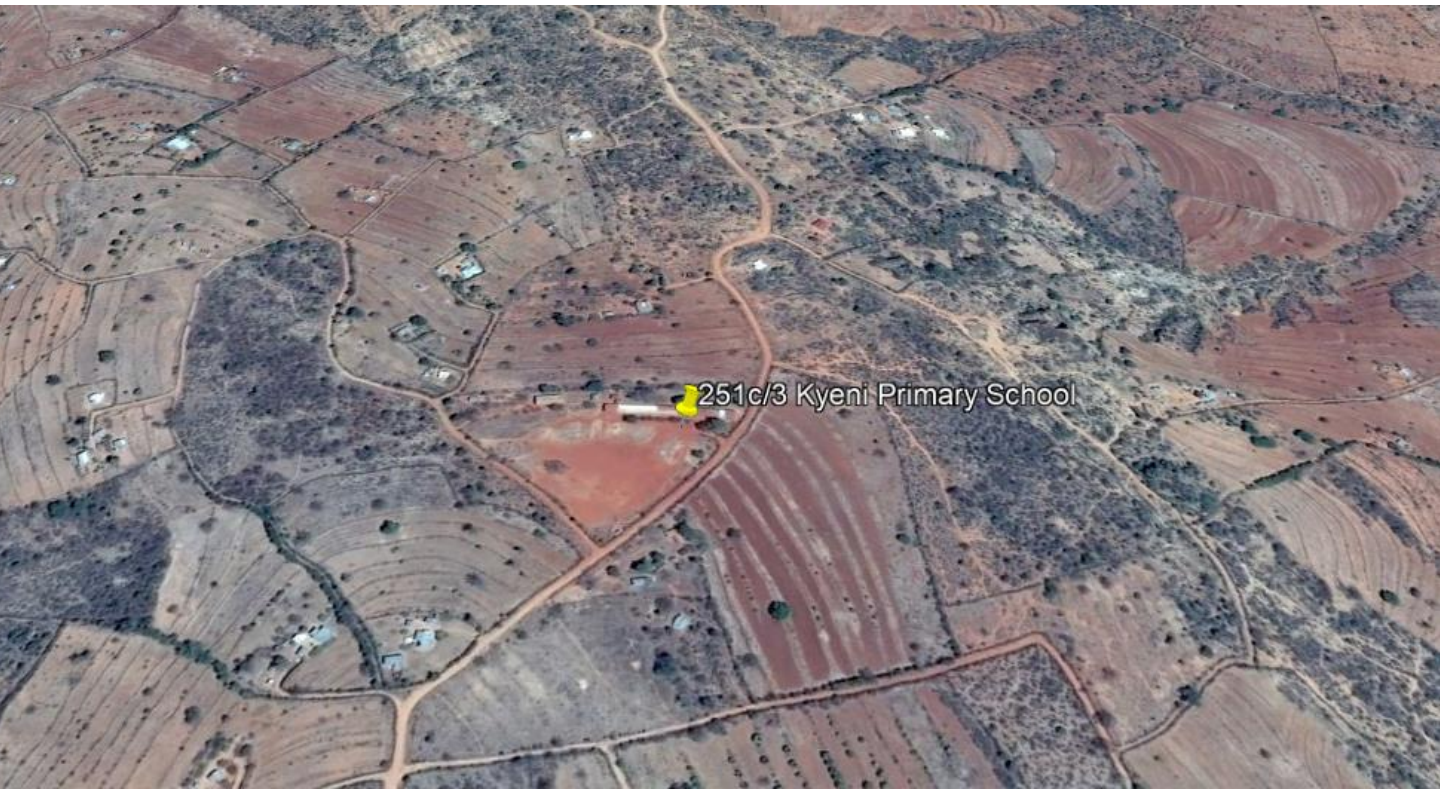
Helping to tackle the United Nations Sustainable Development Goals:





Location

The GPS coordinates for Kyeni Primary School are:
1°31'14.9"S 37°40'24.0"E





The Project

Before the project, children had to carry water daily into school from their homes as there was no water at Kyeni Primary School. They would collect this from a river 3km away or an earth dam, 1km away. Otherwise the school was forced to buy water from vendors, which is expensive.

In order to improve the water situation for the 253 pupils, 12 teachers and 2 extra staff members, a big rainwater harvesting tank has been constructed at the school. This construction began in February 2018 and the new tank can store up to 104,000 litres of water, providing enough for the school's needs for drinking, cooking and cleaning year round. The tank has also been painted with hygiene messages to reinforce the WASH education that took place.





Construction Phases of a Rainwater Harvesting Tank





WASH Education

WASH education was conducted at the school which is crucially important for increasing the impact of this project on the students and teachers. Just gaining access to safe water does not provide the school with the full health benefits possible, handling and storing water safely is vital as well.

Other aspects of the training included handwashing, latrine use, food hygiene, the prevention of diarrhoea and learning how to make liquid soap. The school has set up a Health Club to ensure the continuation of these practices and educating new students who join the school.



WASH education session, including handwashing demonstration and soap making





Sustainability

Just a Drop aims to ensure that the school and parents are involved with a project from the outset. It is essential that they are committed to participate fully in the project to encourage ownership of the facilities.

A local Self Help Group, made up of parents from the school, requested support for the school. They have been involved in every aspect of the project from the beginning planning stages, to collecting local materials for construction and constructing the water tank itself. This type of ownership will ensure the tank is well maintained and continues to support future children through the school. This project is part of a wider programme with this Self Help Group, who work on numerous projects to support and benefit the wider community over a five year period.



Mbukilye Ngukilye Widows Self Help Group working on the tank construction





Impact

The expected overall impact on the school will be:

- An improvement in health with increased attendance, as the instance of water-related illnesses will decrease with reliable year round access to safe water
- Improved hygiene and sanitation practices will improve the school environment, health and quality of life of the students and teachers overall
- The importance of WASH will filter out to the wider community through the students to make an impact on their lives as well



Just a Drop is very grateful to Baltimore Aircoil Company for your support – thank you!



Just a Drop
Gateway House
28 The Quadrant
Richmond
TW9 1DN

www.justadrop.org