

KUJENGA MAISHA EAST AFRICA-KUMEA



AUGUST, 2020

ANNUAL REPORT FOR EASTERN KENYA SCHOOLS WASH PROJECT

“improving access to safe water, improved sanitation & reduced environment degradation for schools”



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1.PROJECT BACKGROUND AND PROGRESS

Eastern Kenya schools' water and sanitation project was started in June,2019 to address the following key objectives

- a) Improve access to safe water and improve hygiene & sanitation promotion in schools
- b) Improve environmental protection and through reduction of firewood for cooking in schools and promote green energy
- c) Improve sanitation access and upgrading of latrines in the respective schools
- d) Improve access to energy through production of biogas for use in the school's kitchen in the school kitchen hence the protection of the environment.

The project is being implemented in Kitui and Makueni Counties in Eastern Kenya region. Project is being done at Kaundu Secondary school in Kitui County and the Kalulini Boys high school in Makueni County.

The latrines for Kaundu Secondary school are being constructed for school girls since the school has both girls and boys while the Kalulini high school the latrines are constructed for the boys.

Currently the project has undertaken 90% of the planned activities and completion of the project is expected towards the end of August ,2020.

The following activities have been undertaken in the project

a) Leaders Orientation workshop

The leader's orientation workshop has been done for both schools and the schools have been oriented on the project implementation steps and the school's management has supported the project implementation by contributing local materials for latrines and tank construction. The leader's orientation workshop involved the respective school boards, local administration, Public health officials and subcounty education officers.

b) Construction of the Ferro-cement water tanks

Construction of the Ferro-cement water tanks has been completed for both schools. The schools participated actively in the construction 2no. tanks of 30,000 liters of water for both schools. A total of 4no. ferro-cement water tanks have been constructed and are in good condition. The schools contributed locally available materials i.e. sand, hardcore, water for construction, ballast, gunny bags, gunny bags and provision of unskilled labor during construction. The schools contributed 40% of the construction costs.

Currently all the 4no. water tanks are functional and supporting the schools with provision of safe water. The cost of the project is as follows Kshs.208,000. Schools contributed extra cement and BRC wire to bridge the gap due to inadequate supplies for the initial materials provided by the project.

c) Construction of school latrines and the biogas system

The construction of latrines and the biogas system at Kaundu secondary school was completed in December ,2019

Construction of the latrines and the biogas system for Kalulini high school is on-going and is currently 95%. The delay in completion was due to the lock down and the travel

restrictions that limited the progress of the project. The contractor has resumed and is working hard to ensure the project is completed before end of August,2020.

d) Production of operation and maintenance manuals

The project has produced operation and maintenance manuals for effective utilization and management of the water and sanitation facilities provided. The manuals provide guidelines for effective use, management and utilization of the facilities done by the project. Schools will be provided manuals to support and guide them on effective use of water and sanitation facilities.

2.0 PENDING ACTIVITIES

- a) School health coordinators training -Delayed due to school closure indefinitely as per the COVID-19 pandemic & restrictions.
- b) The study tour to schools with functional water and sanitation facilities has been delayed due school closure indefinitely as per the COVID-19 pandemic & restrictions.
- c) Project exit meeting for project completion and handover of facilities.

3.0 SUMMARY OF PROJECT IMPLEMENTATION PROGRESS AS PER MARCH,2020

Activities	Planned	Accomplished	Comments
1. Project Orientation workshop	2	2	100% done -2 Project orientation workshop done for each County & school
2. Construction of Ferro-cement water tanks	4	4	100% done -2no.Ferro-cement tanks done for each of the 2no.schools-4no. tanks completed as per the plans.
3. Production of operation & maintenance manuals	2	2	100%-Manuals produced for water & sanitation facilities for schools' use
4. Construction of latrines & biogas system	2	1	100% completion for Kaundu secondary school latrines &biogas system and 90% completion for Kalulini school latrines &biogas system
5. School Health Coordinators training	2	0	Awaiting schools re-opening. School closure due to COVID-19
6. Study tours	1	0	Awaiting schools re-opening. School closure due to COVID-19
7. Project exit meetings	2	0	Awaiting schools re-opening. School closure due to COVID-19

***Construction of the latrines &biogas works for Kalulini High school to be completed by end of August,2020**

4A: PROJECT ACTIVITIES-CONSTRUCTION PROCESS OF THE DOME FOR BIOGAS PRODUCTION AND FERRO-CEMENT WATER TANKS AT KAUNDU SECONDARY SCHOOL & KALULINI HIGH SCHOOL



1. Sludge chamber & dome construction works for Biogas production at Kaundu secondary school



2. Contractor on site discussing work progress with staff at Kaundu secondary school



3. Commencement of latrine construction works at Kaundu secondary school



4. Ferro-cement tank construction works process at Kaundu secondary school



5. Contractor on site ensuring works are done according to specifications at Kaundu secondary school



6. Ferro-cement water Tank construction works in progress at Kaundu secondary school



7. Latrine Construction works in progress at Kalulini High school



8. Construction works of the dome for biogas production at Kalulini High school



9. Construction works of the sludge chambers at Kalulini high school

4.B: PROJECT PHOTOS FOR ACTIVITIES UNDERTAKEN



1. Project orientation workshop for Kalulini High school involving subcounty & school leaders



2. Project orientation workshop for Kaundu Secondary school involving subcounty & school leaders



3. 1st Completed Ferro-cement water tank of 30,000litres at Kalulini High school



4. 2nd Completed Ferro-cement water tank of 30,000litres at at Kalulini High school



5. 1st Completed Ferro-cement water tank of 30,000litres at Kaundu Secondary school



6. 2nd Completed Ferro-cement water tank of 30,000litres at Kaundu secondary school



7. School latrines construction works on-going at Kalulini high school



8. Sludge chamber for Biogas production completed at Kalulini High school



9. Inspection of Latrines construction works at Kalulini high school

4.C: KAUNDU SECONDARY SCHOOL LATRINE CONSTRUCTION & COMPLETION



1.Side view of the latrine construction



2.Rear view of the latrine's construction



3. Latrines connected to chambers



4. Completed rear view of the latrines



5. Inside the completed latrines



6. Inside view of the latrines



7. Works being completed from inside latrines



8. Hand washing facilities inside the school latrines



9. Connection to the chambers