PROJECT NAME: Lifesaving and Livelihoods Restoration Project-III (LLRP-III)

PROJECT START DATE: **PROJECT END DATE:**

ACTIVITY: Rehabilitation of shallow well

ACTIVITY START DATE: 4th April, 2019 **ACTIVITY END DATE:** 18th May, 2019

ACTIVITY LOCATION/ VENUE: Wabari Village, Elwak district

ACTIVITY DESCRIPTION:

Somalia is considered a water-scarce country regularly experiencing extreme water shortage during dry seasons. Prolong drought, high population growth and inefficient water sources in Elwak district has increased the deficit between clean, safe and adequate water and its demand. Nardo/VSF-Swiss engaged in rehabilitation of strategic shallow well between April and May 2019 through contractual modality in Waberi village, Elwak district. This will improve the hygiene and sanitation of water in the well, reduces the risk of water contamination and spread of water borne diseases, easy access to safe, clean and quality water to the local residence for required use. This will enhance and improve water shortages in the area.

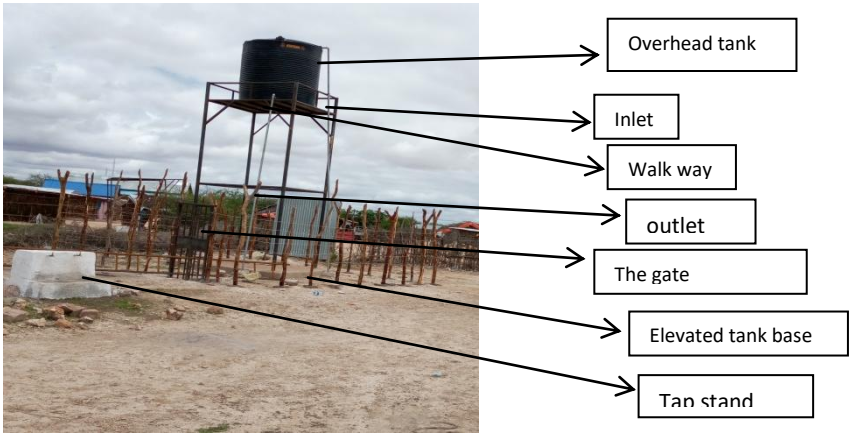
Garsaal construction & general supplies limited was contracted by VSF-Swiss to do the activity, the company is well decorated in this field and possessed great skills, experiences on assigned duty, NARDO field staffs in collaboration with host water management committee (WMC) was present from the start of the activity to the end to guide, supervise and monitor the contractor to execute the work.

ACTIVITY PROCESS:

The shallow well was previously not functioning for about 6 months since the water contaminated and was not healthy for human consumption. The available water was having unpleasant smell, odours and have no sparkling appearances and the production of water was little. NARDO/VSF-Swiss Identified the well and took the initiative after thorough assessments was conducted in the area.

The activity started by dewatering of shallow well from the dirt water, Desilting, removal of suspended sit, algae and fine sediment from the well causing decay of organism in the water is done through man power. Installation of elevated plastic water tank with capacity of 5,000 liters which was raised 5m above the ground and Submersible solar powered pumps was connected from the well to the tank for chlorination of water before consumption. Beneficiaries will then collect the chlorinated water from tap stands installed beside the tank.
Construction of Two concrete troughs erected for animal watering (i.e 1 for sheep/goats and 1 for camel cattle/donkey). The measurement of troughs constructed is 0.3m height by 0.7m width by 7m long and 0.5m height by 1.0m wide by 10metres long.

For the purpose of inspection of well, the manholes are provided in the top cover of the well with lid. Fencing of shallow well water tower by use of poles and barbed wire and gate



Elevated Water tower

LESSONS IDENTIFIED/ISSUES TO NOTE/CHALLENGES:

b] Issues to note.

Fencing of the shallow well will not be possible because it occupies large surface of land hence the fencing is drawn in protection of water tower.

Installation of Submersible solar powered pumps was done in private land (WMC-Chairman plot) for security purposes.

SUMMARY STATISTICS OF BENEFICIARIES:

ACTIVITY/VILLAGE	MALE	FEMALE	TOTAL
Wabari elwak district	261	319	580

Annex:

(i) Photos

SCZ; Gedo region: overview of ceel goole shallow well before rehabilitation in Waberi village, Elwak district.



SCZ; Gedo region: Desilting, removal of dirts, rehab of troughs in ceel goole shallow well during rehabilitation in Waberi village, Elwak district.

SCZ; Gedo region: Covered well, elevated tank fenced with poles & barbed wire and beneficiaries fetching water at the taps in ceel goole shallow well after rehabilitation in Waberi village, Elwak district.