

Progress Report

Date: 01 Aug. 18

Background

Under UDDT component of the ESPII project, Gambella program was selected for trial of single drop squatplate it can be used on a double vault by switching with a cover on the empty vault when full. Trial of the squatplate aims to check whether it is fit for purpose in humanitarian contexts that can only be confirmed with field trials.

Field Trial – Phase 1: Installation of the Squatplates in Double Vault UDDT

We had received 8 synergy squat plates from Nairobi. Concrete slabs were produced on which the plastic squatplate were inserted. As of now, the installation is completed and ready for handover to the users.

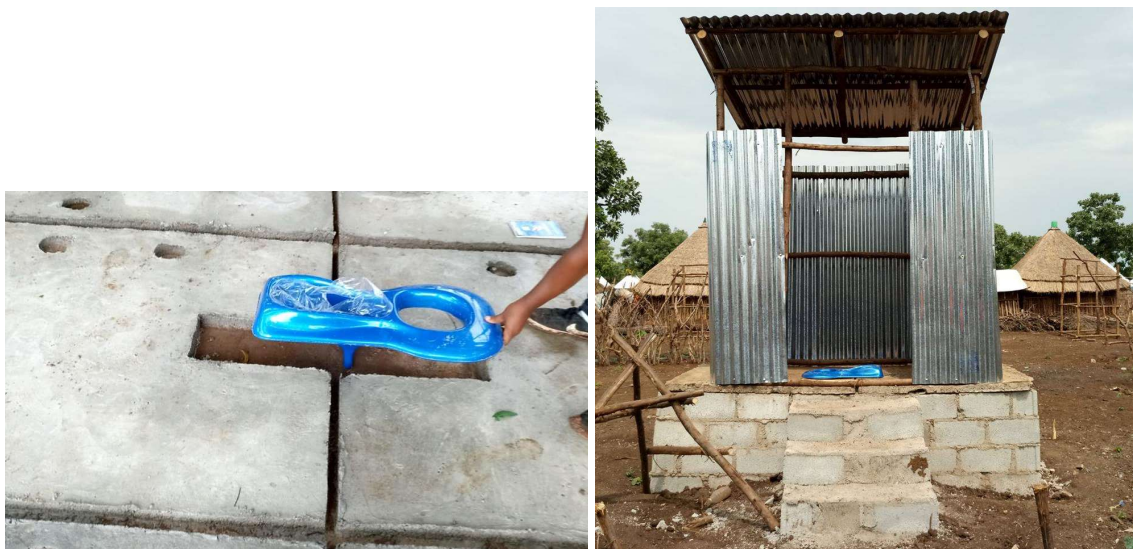


Fig 1: Concrete Slabs for double vault UDDT toilet construction



Fig 2: Squatplate inserted on finished concrete slab floor



Fig 3: Underneath of squatplate inside the vault connected to 2" PPR elbow draining liquid out of the vault

Technical Feedback

Provide Squat Hole Cover: The UDDTs are not constructed as VIP latrines and the squat hole should be provided with cover to avoid fly nuisance. The cover can be made of plastic and hinged at the back ridge of the squat hole and can be flipped to open and close the hole.

Provide Drains: the drain pipe provided in sanergy squat plates is wider size at the entrance and constricted downward. To filter out solid materials that could enter and chock the liquid/urine flow in the drain pipes, drains (similar to floor drains and could be made out of plastic like the squat plate) should be provided from the inlet side. See the drains currently being used with concrete urine pot.



Fir 4: Drains currently being used in concrete urine pot.

END