

WHAT IS A URINE DIVERSION DRY TOILET (UDDT)?

- It is a toilet that separates urine, and the faeces collect in a vault. The importance of separating urine and faeces is to (1) reduce odour (2) enable fast drying of faeces which makes handling of faeces more simple and hygienic (3) reduce environmental impacts; and (4) allow for the recovery of urine, which can be reused as fertiliser.
- The excreta inside the UDDT vault are dried with the help of natural evaporation and ventilation. The toilet requires no water for flushing. UDDTs can be successfully used in all climatic conditions and are most advantageous in arid climates where water is scarce and faeces can be effectively dried.

IN WHICH AREAS ARE THEY MOSTLY SUITABLE?

- Applications are typically found where connection to a sewer based sanitation system is not available or areas where water supplies are limited

QUESTION: Are UDDTs only found in South Africa?

ANSWER: No, but in many other countries in Africa and abroad



BENEFITS OF UDDT

- Safe on-site disposal of human waste
- No new pits required to be dug when full
- No need to move top structure when full
- UDDTs are also more resource efficient due to the reuse potential of the product

- UDDTs are waterless systems that are particularly suitable for conditions where water is scarce or expensive. It protects ground water.
- A double-vault UDDT can transform infectious faeces into a safe product ONLY if storage times are respected and the UDDT is operated correctly.
- Odourless and no flies which eliminates transmission of diseases.
- Decomposed contents are safer to handle when removing
- Waste decomposes before being exposed to surrounding soil which minimises water pollution since the faeces are safely contained in a sealed vault.

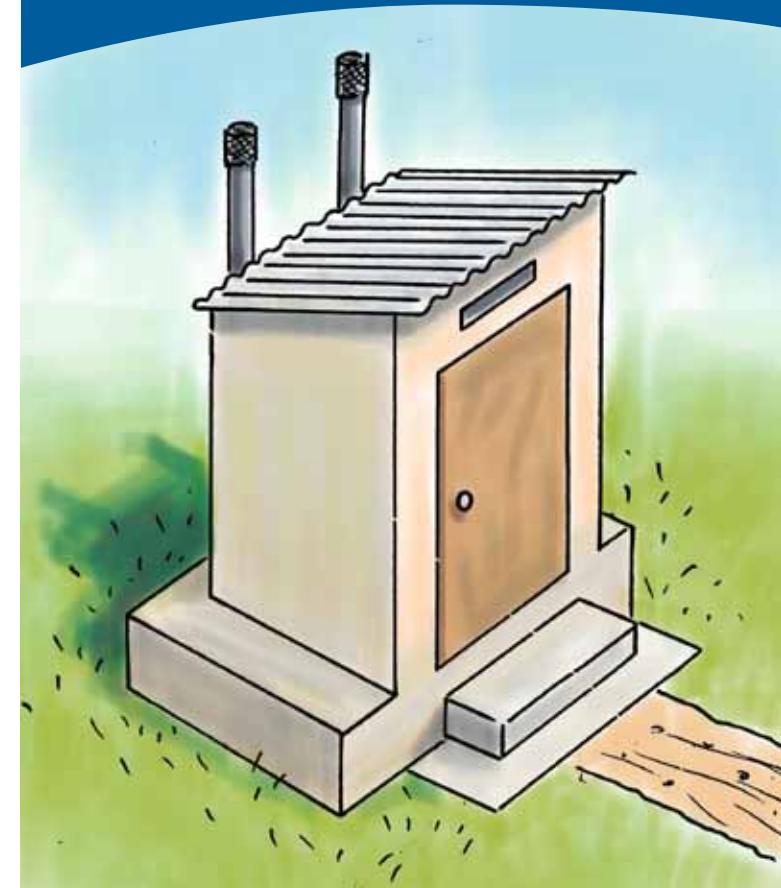
HOW DO I/WE MAINTAIN THE UDDT?

- Ensure that when sitting on the seat the urine goes in front and faecal matter drops into the back hole. Men use the urinal that is connected to the soak away pit.
- Pour soil / ash every time after defecating.
- Ensure that the lid is closed after defecation.
Remember to wash your hands with soap!
- Use damp cloth when cleaning the floor or the seat to ensure that no water enters into the faecal vault.
Remember to wash your hands with soap!
- When the first vault is full, move the toilet pedestal and place it over the second vault. By the time the second vault is full the waste in the first vault would be dry and safe to remove using tools provided. **Remember to wash your hands with soap!**
- Do not throw any solid waste inside the toilet.
- Do not pour detergents inside the toilet.

NOTE: Children need to be taught and be monitored by an adult on how to use the UDDT because it is important that (a) faeces do not fall into and clog the urine collection area in the front, and that (b) urine does not splash down into the dry area of the toilet.

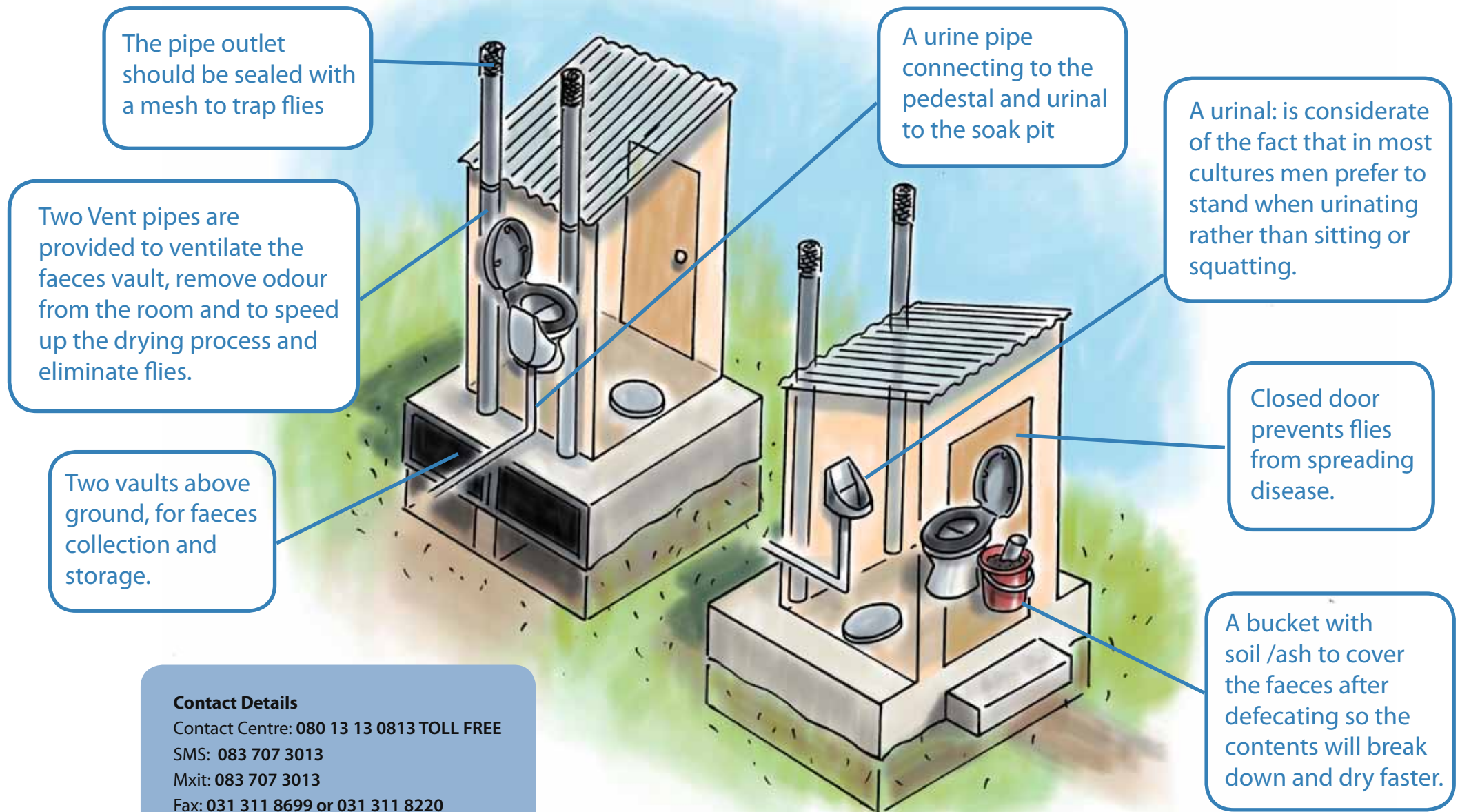


WATER AND SANITATION



WHAT IS A UDDT TOILET?

UDDT PHYSICAL STRUCTURE AND IMPORTANCE OF EACH ITEM



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