

Technology Options: Session 2 : Disposal and Transport

Module 5: Session 2



Different Options

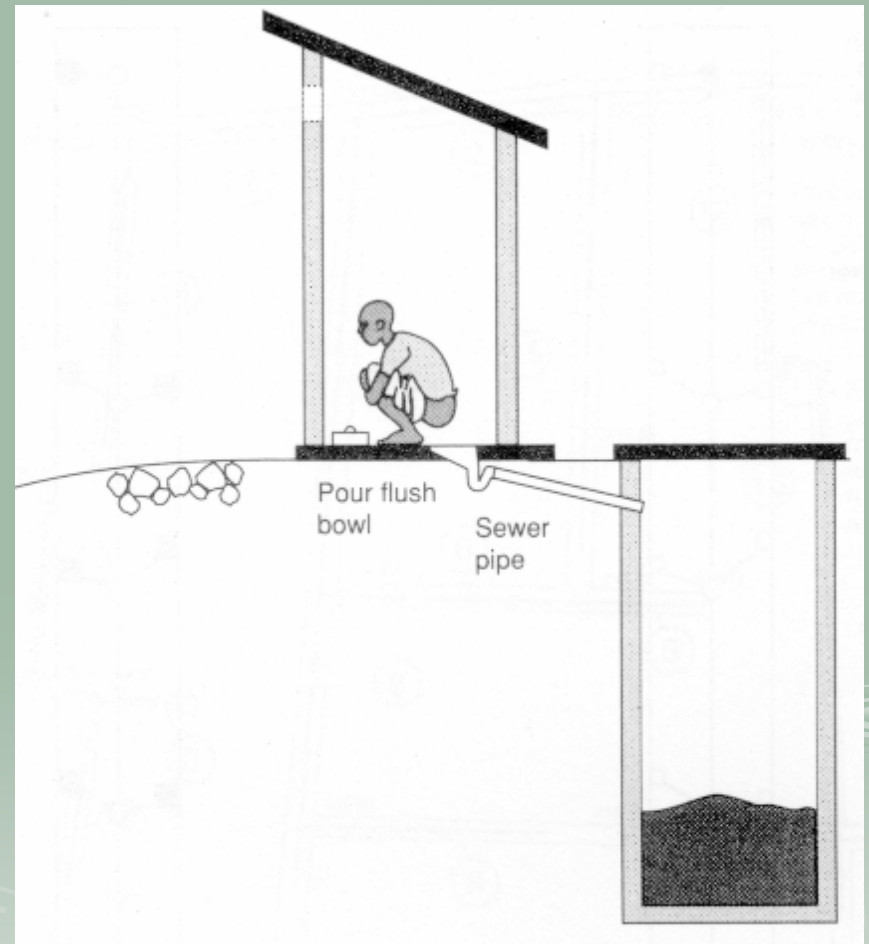
- Leach Pits
- Open Drains
- Sewered Interceptor tank systems
- Sewerage



Read
session note

Leach Pits

- Leach pits hold faecal material and allow wastewater to percolate into the ground.
- Can be used when the ground is free of cracks and groundwater table does not reach within 2m of bottom of pit to ensure pathogens do not reach groundwater.



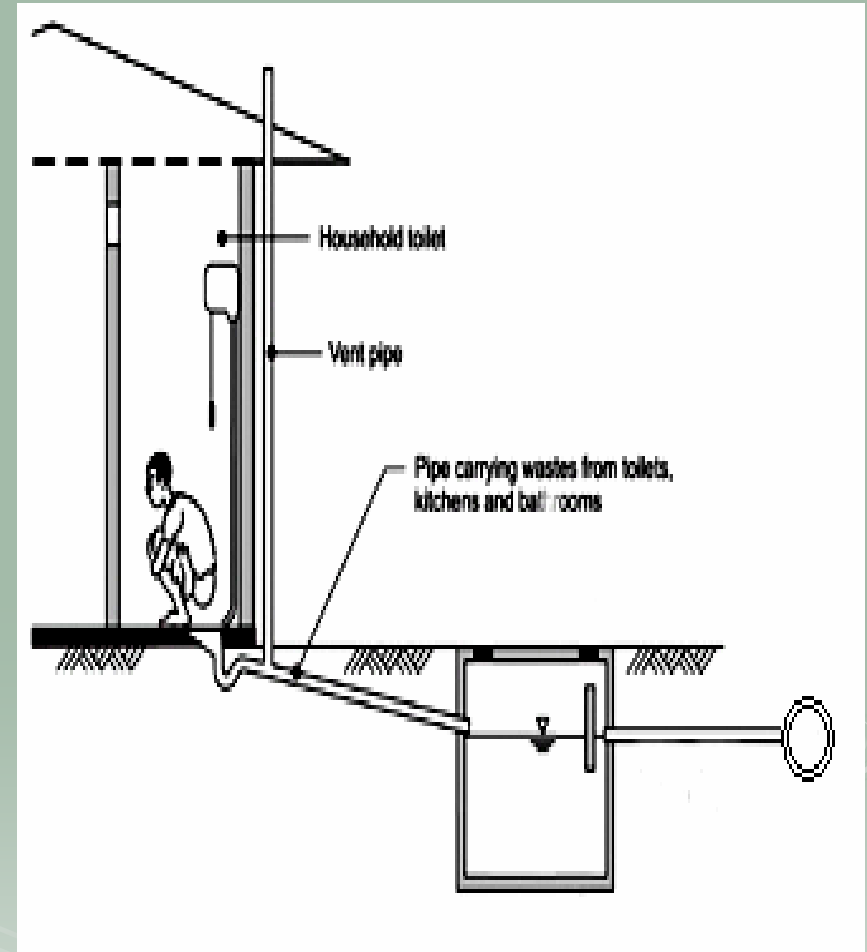
Open Drains

- Open drains are system channels that pick up wastewater from individual households. Can be unlined but better if lined. Usually also carry storm water.
- Good for carrying sullage/grey water. Not satisfactory for carrying sewage even if solids are removed via a septic or interceptor tank.



Sewered Interceptor tank systems

- Sewer systems that include interceptor tanks on household connections to allow solids to settle. Sewerage connections (eg pipes) can be laid at flatter gradients.
- Useful when there is no fall and high water table.



Sewerage

- Terms used to describe a network of closed pipes or conduits which carry wastewater via gravity.
- Many schemes in low-income areas combine discharge from septic tanks with sullage and storm water.
- Does not solve wastewater problems – moves them away from household environment



Information Sheets Available

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