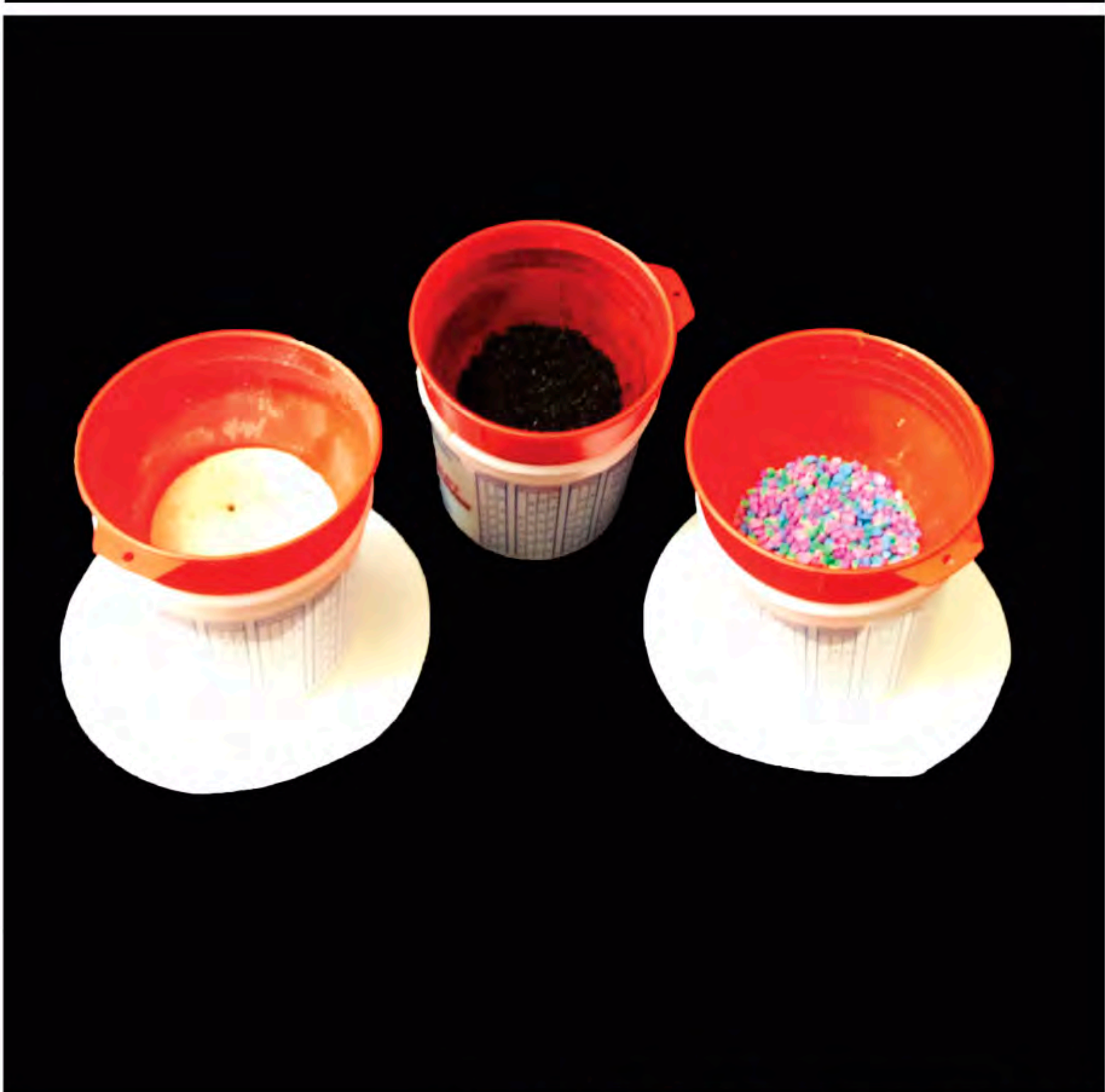




Bio-Filter Process:
Gravel (Top layer)
This layer takes out large contaminants such as sticks and bugs

Sand (Middle layer)
This layer takes out all the finer contaminants that passed through the top layer

Activated Carbon (Bottom layer)
Takes out the chemical contaminants and clears the water



Dirty water left compared to clean drinkable water under the last stage of the Bio-Filter process.

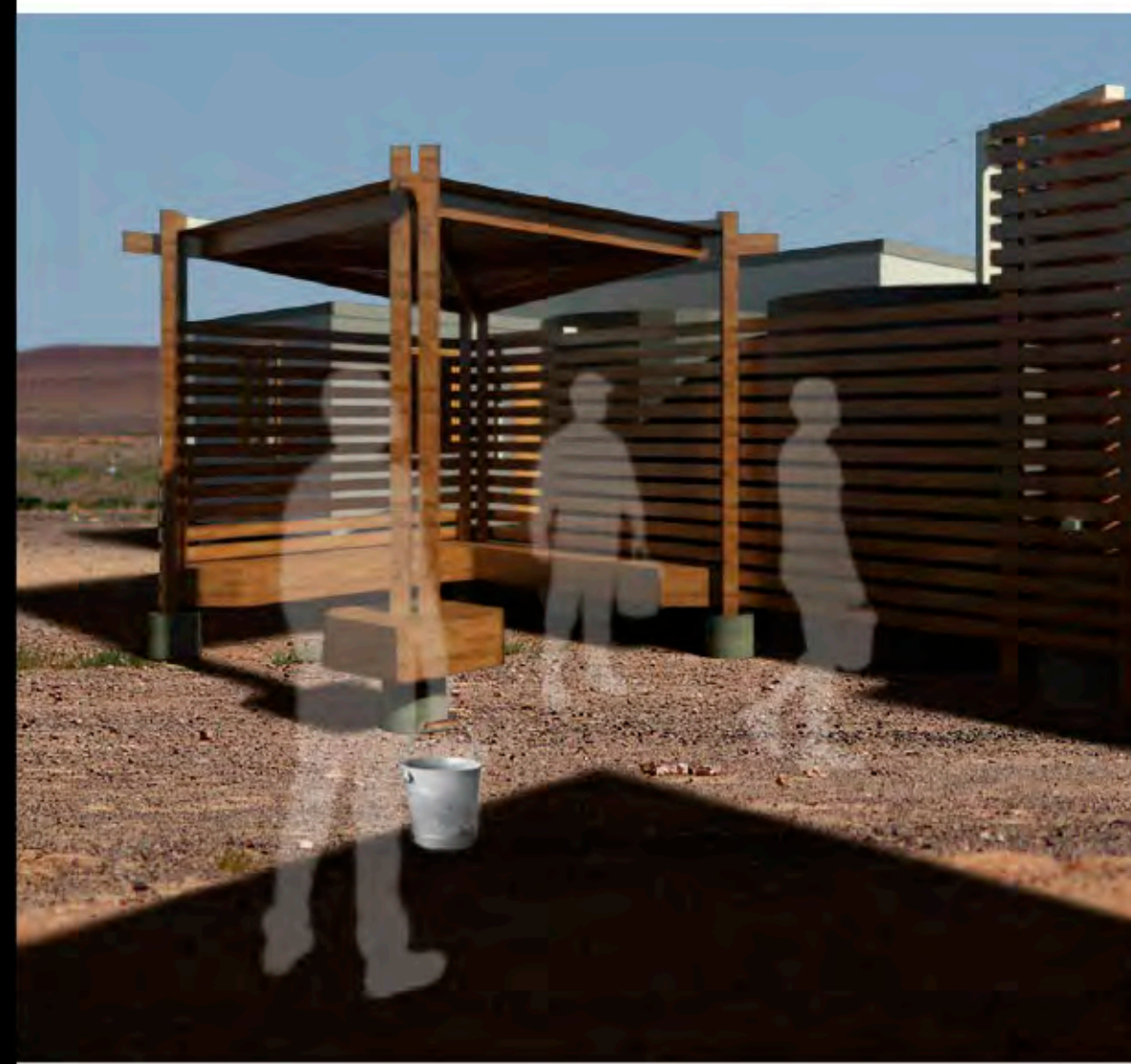
Rain Water Collection



Each caravan community will have their own fresh water pavilion.



In order to collect water from the pavilion, residents of the community will need to fill their buckets up at the spigot that's located to the right of the roof structure.



After filling the bucket up with fresh water, the resident brings it back into their caravan. The bucket is then connected to a pipe and placed on a stand that is located next to the sink. From here, the resident will be able to use their sink until the water they collected runs out.

