

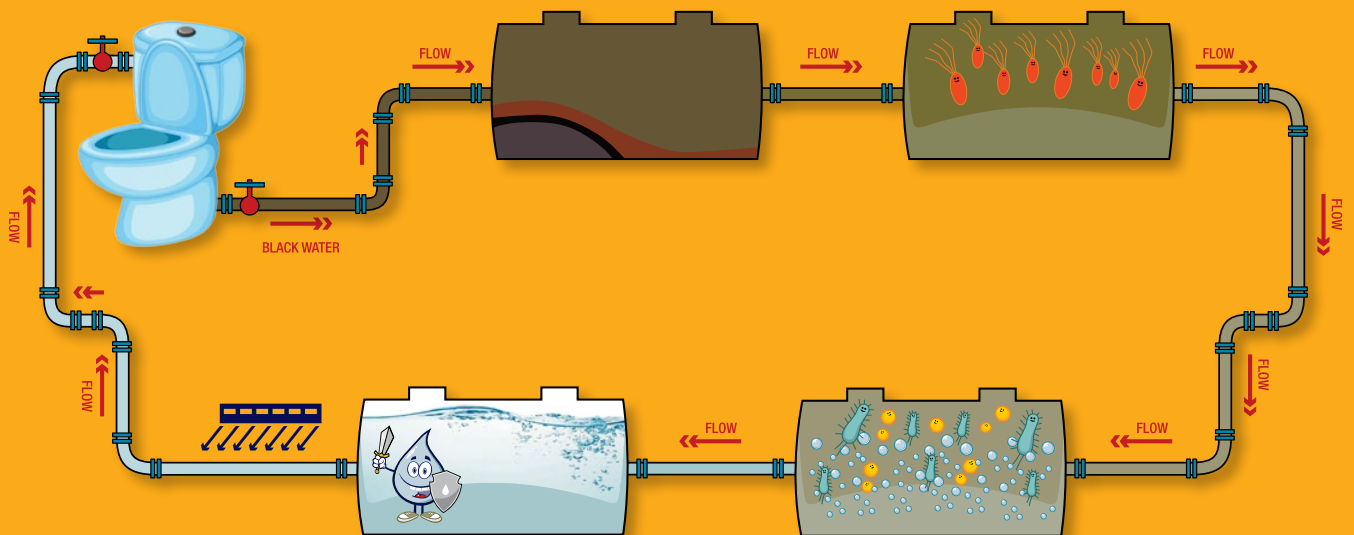
ENVIRO LOO CLEAR SANITATION TREATMENT PLANT



Certified: ISO 9001:2015

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HOW IT WORKS

- From the front end the waste is moved to the wastewater treatment system where it is treated with a physical precipitation in an aerobic reactor.
- Bacteria introduced into the aerobic reactor attaches itself to the waste as a biofilm.
- The biofilm biodegrades the organic pollutants and reduces their concentration.
- The wastewater is then treated within a MBR (Membrane Biological Reactor) which separates the pollutants.
- The treated water is further disinfected via a UV process.
- The treated water is recirculated for the next flush!

ABOUT THE SYSTEM

A new generation, closed circuit, 100% recycling, sanitation system that offers an aspirational quality flushing toilet experience by treating wastewater and killing pathogens through a natural biological process.

- Water saving.
- Off-the-grid.
- Non-polluting.
- Solar powered or connected to electrical mains.
- Installed into existing or new ablution blocks.
- A treatment capacity of 6,000 or 24,000 litres a day.
- No need for continuous water supply or sewer connections.

SANITATION FACTS

- UNICEF estimates that half of the global population will face water scarcity by 2025.
- On-site wastewater treatment plants prevent contamination of valuable water resources and allow re-use of water.
- **Wastewater treatment is predicted to be one of the most powerful tools to address the water scarcity issues over the next 10 years.**

