The Reclaimer

Liquid processing unit designed to rapidly treat blackwater and greywater to ISO 30500 standards.

Combines three treatment modalities into a compact, automated system.

Treats liquid waste from household or community toilets, dewatered sludge, and septic tanks.

KEY FEATURES
- Ultrafiltration removes suspended solids and turbidity.
- Activated carbon removes soluble organic material.
- Electrochemical treatment removes pathogens.
- “Buffered batch” processing allows system to accept liquid during operation (100-200 L/day).
- Automated process control

STATUS OF DEVELOPMENT
- Field testing in India, March 2019
- Runs on external power, no additional water required for normal operation.
- Power required: 20-1350 W

DEVELOPED IN PARTNERSHIP WITH