The Reclaimer

Liquid processing unit designed to rapidly treat blackwater and greywater to ISO30500 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, January 2019
- Runs on external power, no additional water required for normal operation.
- Energy required: 100-1500 W

**DEVELOPED IN PARTNERSHIP WITH**

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