



WASTEWATER REUSE APPLICATIONS

Graywater Reuse

- » Handles hair, lint, soaps, and other common graywater contaminants
- » High purity, low maintenance
- » Low OPEX and maintenance costs
- » >40% savings for high purity reuse with high rejection of emerging contaminants

Wastewater Reuse

- » Creates high purity water for reuse
- » Higher COD, oil and grease limits than other membranes
- » Concentrate high BOD wastes = new revenue & lower disposal costs
- » >60% savings for near Zero Liquid Discharge

Get Started

The Porifera Solution, Step-by-Step:

01

Technical and Commercial Assessment

After you provide us with an analysis of your water or wastewater composition and your treatment requirements, Porifera will develop a preliminary design and business case.

02

Lab-Scale Testing

Porifera will perform preliminary testing using our lab-scale systems. We'll demonstrate our membrane's performance, establish the required draw chemistry, and refine our water quality projections and your estimated cost savings.

03

On-Site Pilot Testing

Porifera will work with you to perform on-site testing at your facility with a pilot-scale system to validate the lab-scale projections.

04

Commercial Deployment

Porifera will collaborate with you to design, manufacture, and install a full-scale turnkey commercial system at your site. Porifera will provide the required expertise for successful implementation of the project by your team or contractor.

Products & Services

Services

Application Testing
Consulting

Testing Equipment

Fluxometer
Coupon tester

Elements & Modules

PFO-20
PFO-100
6S, 9S

Pilot Systems

FO systems
FO+RO systems
PFO-RO^x systems

Commercial Systems

Designed per customer specifications