MOBILE WATER SERVICES
Reverse Osmosis Technology


Veolia Water Technologies provides clients with mobile water solutions utilizing Reverse Osmosis technology. With applications in utility steam system make-up water, process water purification, water scarce areas, or where water reuse or recycle are required due to costly wastewater surcharges restricting discharge, Veolia’s mobile Reverse Osmosis technology allows customers to remain in operation during system upsets. Equipped with on-board CIP systems, the Veolia mobile RO trailers are completely self contained, and easily installed with a very small footprint.

The Veolia Mobile Water Services RO trailers provide unmatched flexibility, and a flow range from 300 – 600 gpm to meet your plant’s needs. You are ensured maximum productivity, and greater resistance to fouling and scaling which typically impacts reliability. By mobilizing Veolia Water Technologies, your purified water solutions are simply just down the road.

Planned And Emergency Purified Water Needs

Emergency Rental:
Unexpected upsets are common in any industrial water utility operation, Veolia’s mobile Reverse Osmosis technology provide the continuous, high flow of purified water you require with minimal waste and a convenient footprint until your plant is up and running again.

Planned Temporary:
Whether you are dealing with a short term outage, or a production increase that requires a short term increase in high purity utility or production water supply, Veolia’s mobile Reverse Osmosis technology can keep you operating reliably and efficiently.

Long-term Contract:
Many industrial clients prefer options to capital investments into water pre-treatment or wastewater treatment plant improvements. Veolia’s mobile Reverse Osmosis technology, bundled with our operational services, provide an option which can evolve into long term contracts - up to several years.
Mobile Water Services | Reverse Osmosis

How it Works:

Veolia Water Technologies Reverse Osmosis technology can operate in either single or double pass orientation, with flows ranging from 100 GPM up to 600 gpm. The systems are fully automated, complete with CIP capabilities, to help you meet your plant’s water purity requirements with a minimal amount of manpower. The units help keep the pressure of your existing water treatment systems while you make needed modifications.

Specifications

- **Mobile Platform:** 53’ Reefer Trailer
- **Machines:** Qty (2) 300 GPM RO Systems
- **Operating Modes:** 600 GPM Single Pass or 250 GPM Double Pass
- **Onboard CIP System:** Included
- **Salt Rejection:** Various membranes available, 450 psig max rated
- **Adjustable Water Recovery:** 50% to 85% - Maximum Recovery Guaranteed!
- **Adjustable Flux:** 6 – 25 GFD
- **Feed Water Requirement:** Various Inlet TDS, SDI < 5
- **Connections:** Qty (2) 8” 150 lb. Flange, (2) 3” Male Cam-Lock, (2) 4” Male Cam-Lock
- **Power Requirement:** One (1) 400 AMP & One (1) 100 AMP
- **Weight:** 38,000 lbs. dry / 54,000 lbs. wet
- **Patented, Low Fouling/Scaling, Low Energy Performance**
- **Remote Monitoring/Operation Capable**