

MOBILE WATER SERVICES

High Recovery Reverse Osmosis Technology

Pure Water Service. Anytime. Anywhere.

Veolia Water Technologies provides clients with mobile water solutions utilizing High Recovery Reverse Osmosis technology. With applications in water scarce areas, or where wastewater regulations restrict discharge, Veolia's Closed Circuit Desalination (CCD™)* RO technology allows customers to recover up to 96% of the influent flow.

Ideal for extracting purified water from industrial brackish and wastewater sources, brine concentrate waste can be reduced from 50% to 75%, and energy consumption reduced by up to 35% as well, compared to traditional RO technology.

The Veolia Mobile Water Services high recovery CCD™ trailer provides unmatched flexibility, and the highest flow rate in the industry (900 gpm). This allows operators to cope with variations in feed water, optimize performance and minimize costs. 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:

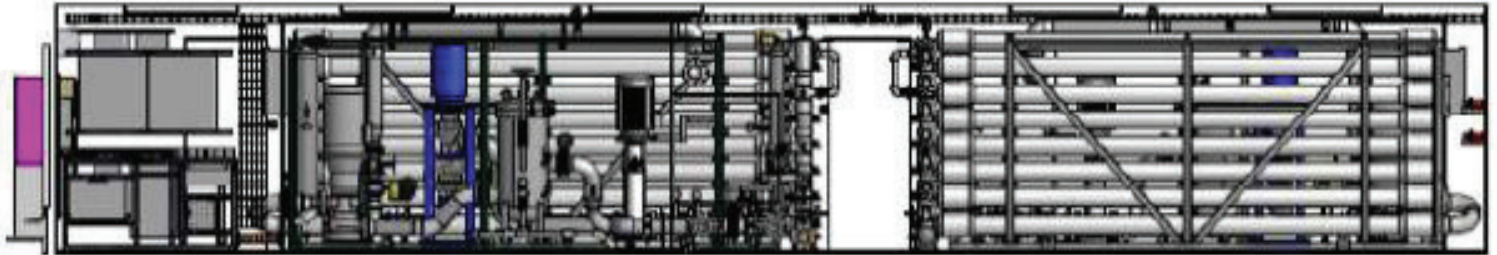
Unexpected upsets are common in any industrial water utility operation, Veolia's mobile CCD™ technology provide you the continuous, high flow of purified water you require with minimal waste and a convenient footprint until your plant is up and running again.

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 CCD™ 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 CCD™ technology, combined with operational services provide an option which can evolve into long term.



Specifications

- **Mobile Platform:** 53' High Cube
- **Machines:** Qty (2) Closed Circuit Desalination CCD™ ReFlex™ 450
- **Operating Modes:** 900 GPM Single Pass or 400 GPM Double Pass
- **Salt Rejection:** Various membranes available, 450 & 600 psig max rated
- **Adjustable Water Recovery:** 50% to 98% - Maximum Recovery Guaranteed!
- **Adjustable Flux:** 6 – 25 GFD
- **Feed Water Requirement:** Various Inlet TDS, SDI < 3
- **Connections:** Qty (4) 6" 150 lb. Flange & Qty (2) 2" 150 lb. Flange
- **Power Requirement:** Qty (2) 400 AMP
- **Weight:** 38,000 lbs. dry / 54,000 lbs. wet

How it Works:

Veolia Water Technologies Closed Circuit Desalination (CCD™) Reverse Osmosis technology relies upon a patented design and operating function to provide longer runs and higher permeate generation than traditional RO technology. Through a closed circuit recycling of brine, the membranes are less susceptible to fouling by water impurities and are able to capture 95-98% permeate, generating waste streams of only 2-5% of influent make-up volumes.

*Closed Circuit Desalination (CCD™) is protected by US and foreign patents and is a trademark of Desalitech. Veolia has been granted limited rights to include this technology as part of their water treatment offering.

In keeping with the progressive nature of the company, we reserve the right to amend details without notice.
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