supplemental service
mobile water services
demineralized water for:

- Steam-Blows
- Commissioning
- Start-Ups
- Testing
- Pilot Projects

SUEZ provides extra treated water capacity when you need it – from 50 GPM to over 2,000 GPM (11 to 454 m$^3$/h). Projects are completed much sooner with SUEZ’s supplemental water treatment service – saving time and money. SUEZ’s large fleet of mobile equipment includes advanced water treatment technologies to meet your water specifications when treating water sources including rivers, lakes, tertiary reclaim, wells, and municipal supplies. Our logistics center has technical help from a real person 24/7 – no pagers, no beepers – just service.

supplemental service for steam-blow

A coal fired generating station required a steam-blow to remove accumulated surface deposits and mill scale from tubing installed during repairs to the superheat and reheat sections. Client DI and city water capacity limitations would have required an intermittent steam-blow lasting 3 weeks. SUEZ designed a 720 GPM (164 m$^3$/h) deionized and deoxygenated pure water system using raw river water for source water. The system included filtration, mobile storage, deoxygenation, and ion exchange demineralization equipment, operated by SUEZ Field Service Representatives. The steam-blow was completed in 48 hours, resulting in substantial savings in contractor costs, and generating capacity availability.

supplemental service to bypass equipment for inspection/repair

An unscheduled shut down would be required for inspections and possible repair of a deaerator at this paper making facility. SUEZ provided a MobileFlow* DEOX* system that bypassed the deaerator and provided 1,500 GPM (340 m$^3$/h) for normal operations.

Water Source: Raw river
- 720 GPM (164 m$^3$/hr)
- DI system
- In-line coagulation
- Dual media filtration
- 20 kgal mobile storage
- Deoxygenation
- Demineralization
- 48-hour total

Water Source: Plant DI
- 1,500 GPM (340 m$^3$/hr)
- DEOX* system
- Deaerator bypass
- Shut-down avoided
- Inspection and repair
- 36-hour total requirement

Find a contact near you by visiting www.suezwatertechnologies.com and clicking on “Contact Us.”

*Trademark of SUEZ; may be registered in one or more countries.

©2017 SUEZ. All rights reserved.
The inspection and repair was completed in 36 hours without plant shut-down.

**Supplemental Service for TDS Increase in Source Water**

An enhanced oil recovery facility experienced sudden seasonal Total Dissolved Solid increases in the feed to their ion exchange DI system. This caused a dramatic increase in regenerant, labor, and waste treatment costs. Facility production became limited to DI plant output. The solution was to contract with SUEZ for 2,000 GPM (455 m³/h) mobile reverse osmosis pretreatment to the demineralizers.

SUEZ provided a zero discharge, 2,500 GPM (568 m³/h) demineralization system during installation of new equipment for this oil refinery. This supplemental system, under a 2-year contract, replaced a lime-ion exchange softening system where sludge disposal became difficult, and costly as environmental regulations were tightened.

**Supplemental Service Applications**

- Steam-Blows
- Plant Start-ups
- Product Evaluations
- Water Source Evaluations
- Existing Water Source Deterioration
- Seasonal Quality Needs
- New Technology Evaluations
- Deaerator Bypass Inspections
- Bridge to System Upgrades

**Water on Demand**

SUEZ’s fleet of mobile water treatment equipment delivers advanced, innovative technology to meet specifications for treating virtually any water source including rivers, lakes, seawater, reclaimed water, wells, and municipal supplies. For more information, contact your local SUEZ Representative, visit us at our web site, or call the numbers below:

**USA:** Toll free 800-446-8004 or +1-757-855-9000

**EU:** +00 800-4300-0043 or
Other EU countries +44 (0) 733 394555

**Asia Pacific:**
Australia & New Zealand +1800 064 140
SE Asia +65 6268 4366
China +86 411 8366 6489
India +91 80 2797 1661