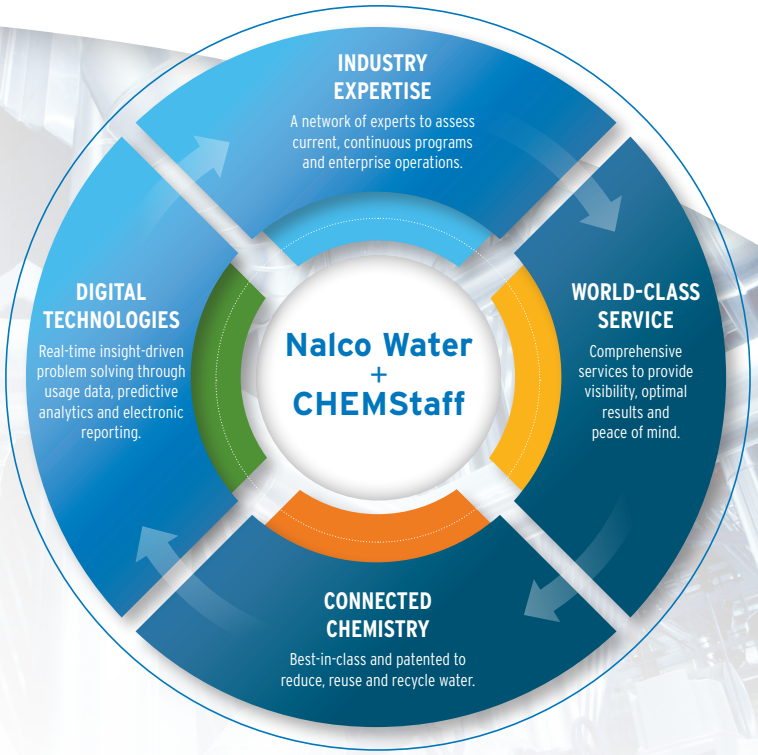
Knowledge is Power.

Nalco Water + CHEMStaff

Expert Consultation. **Comprehensive** Solutions. **Powerful** Results.

A True Partner to address our customers' needs

CHEMStaff consultants collaborate with customers to develop innovative solutions to challenging regulatory, design and operational problems.



Expert Consulting for Optimal & Reliable Power Production

- Safety & Compliance
- Profitability & Performance
- Stewardship & Community
- Continuous Improvement

The global leader in water treatment and engineering solutions

> "The CHEMStaff team **seamlessly functions** as part of our own staff."
>
> **- Corporate Functional Area Manager**

> "CHEMStaff **reliably overdelivers** on every promise."
>
> **- Service VP**

Proven Methods

Consultation that incorporates deeper power plant knowledge and process implementation skills.

- Pre-job Briefs
- Safety Check-ins
- Data Gathering
- Technical Assessment
- Customer Review
- Issue Resolution
- Product Delivery
- Continuous Improvement

CHEMStaff

Knowledge is Power.

CHEMStaff works with global customers to increase efficiency, implement technology, develop staff, reduce operating costs, reduce corrosion, reduce radiation fields, improve regulatory compliance, apply "green" technology to protect the environment, eliminate spills and more.

Chemistry and Chemical Engineering

- Corrosion Assessment & Mitigation
- Chemical Treatment Program Evaluations
- Data Reviews & Trending
- Ion Exchange Resin Selection & Optimization
- System Lay-up & Storage
- Component Inspections
- Water Usage & Cooling Water Treatment
- Mathematical Modeling
- Decontamination & Decommissioning

Chemical Sampling and Feed Systems

- Radiological & Non-Radiological Sampling
- Sample Panel Evaluation & Design
- Corrosion Product Sampling Systems
- Chemical Feed Evaluation & Design
- Sampling & Analysis Burden Reduction
- Chemical Safety Review

Health Physics and Radiochemistry

- Regulatory Compliance
- Waste/Site Characterization
- Dose Modeling & Assessment
- Environmental Dosimetry Program Development & Administration
- Personnel Dosimetry Monitoring
- Radwaste & Chemical Management

Chemistry Laboratory Services

- Testing & Analysis
- Failure Analysis
- Research & Development
- Laboratory Instrument Set-Up/Method Development
- Radiochemistry Instrument Set-Up/Method Development
- Laboratory QA/QC Program Development
- Software Implementation (LIMS, Effluent Management, Radiochemistry, etc.)

Environmental

- Groundwater Protection
- Air Quality
- Water Management
- Radiological & Environmental Programs (RETS, REMP)
- NPDES Program Support
- Spill Prevention

Training

- Fossil & Nuclear Plant Chemistry
- Laboratory QA/QC
- Nuclear Radiochemistry
- Open & Closed Cycle Cooling Water
- Water/Steam Cycle
- Boiler Treatment
- Offsite Dose Calculation

TOGETHER, WE'RE LEADING POWER FORWARD.

Nalco Water, an Ecolab Company

North America: 1601 West Diehl Road • Naperville, Illinois 60563 • USA
Europe: Richtistrasse 7 • 8304 Wallisellen • Switzerland
Asia Pacific: 2 International Business Park • #02-20 The Strategy Tower 2 • Singapore 609930
Greater China: 18G • Lane 168 • Da Du He Road • Shanghai China • 200062
Latin America: Av. Francisco Matarazzo • nº 1350 • Sao Paulo – SP Brazil • CEP: 05001-100
Middle East and Africa: Street 1010, Near Container Terminal 3, Jebel Ali Free Zone, PO BOX 262015, Dubai UAE

ecolab.com/nalco-water

Ecolab, Nalco Water and the logos are Trademarks of Ecolab USA Inc.
©2019, 2020 Ecolab USA Inc. All Rights Reserved 02/20 B-1583

NALCO Water
An Ecolab Company