

Ecolab®
Water Quality IQ™

Stay Ahead of the Current.

Water Quality IQ™ helps industrial water treatment teams optimize water use and proactively prevent scaling and fouling—before they disrupt performance.

Without Continuous Insight,

Even Well-Run Water Systems Face Unnecessary Risk.

Every industrial water system has the potential to manage operations more efficiently, protect performance, and stay ahead of costly issues—if emerging risks are predicted early enough to act.

Water Quality IQ™ now combines its integrated view of performance and asset health with our proprietary AI model, Ecolab Virtual Agent, to:



Proactively assess trends



Pinpoint emerging risks



Recommend preventative action

ECOLAB®

NALCO Water

Around the Clock Expert Analysis

Real-time insights keep you in control. Ecolab Virtual Agent continuously monitors Cooling Towers, Evaporative Condensers, and Adiabatic Coolers by ingesting data from controllers 24/7. Water Quality IQ™ then combines those insights with data from field devices and lab results to detect water quality sooner than alarm based monitoring alone.



Scaling



Microbial Growth



Excessive Water Use

Preventative Actions that Protect Your Assets & Performance

Ecolab Virtual Agent highlights what matters most and recommends step-by-step actions. Your Ecolab representative then adds real-world expertise to validate each recommendation—helping you act sooner, with greater confidence.

Responsible Person John Doe ✉	Action Created by Ecolab Virtual Agent
Annual Savings Type Cost Savings	
✕ Problem Potential Risk to Scale	
✕ Recommended Action Verify whether the ~50% drop in tagged polymer feed was intentional. If not, troubleshoot the feed system (pump settings/output, dilution water, injection point, product supply) and restore the target dose. Check acid feed calibration and setpoints; maintain pH ≤ 6.8 to minimize CaCO ₃ scaling	

Want to Stay Ahead of the Current?

Own your operations with agentic AI-enhanced water treatment technology. Visit our [website](#) to learn more.