

Data you can trust. Equipment you can rely on.

Simplify data collection and monitoring at every point with industrial-grade online analyzers, portable monitors, reliable sensors, and flexible communication options. Our tools offer consistency across a full range of drinking water and wastewater applications.

In-Situ specializes in the design, manufacture, and sale of premium environmental and process monitoring equipment, with a mission to develop innovative technologies used to monitor and protect the world's water resources.

We offer cost-effective solutions to simplify your water and wastewater monitoring and analysis programs to increase plant efficiency and reduce energy costs.

Our ChemScan online analyzers and Partech line of water quality sensors, combined with In-Situ dissolved oxygen sensor technology and multiparameter water quality instruments, provide a complete in-plant monitoring system to help you control costs and energy use, optimize operations, and stay in compliance.



Wastewater monitoring

Ammonia-based aeration control

Measure ammonia to optimize aeration and control nitrification.

Activated sludge

Rely on accurate measurement of dissolved oxygen, redox, pH, temperature, and total suspended solids to reduce energy use and maintain biological balance.

Nutrient analysis

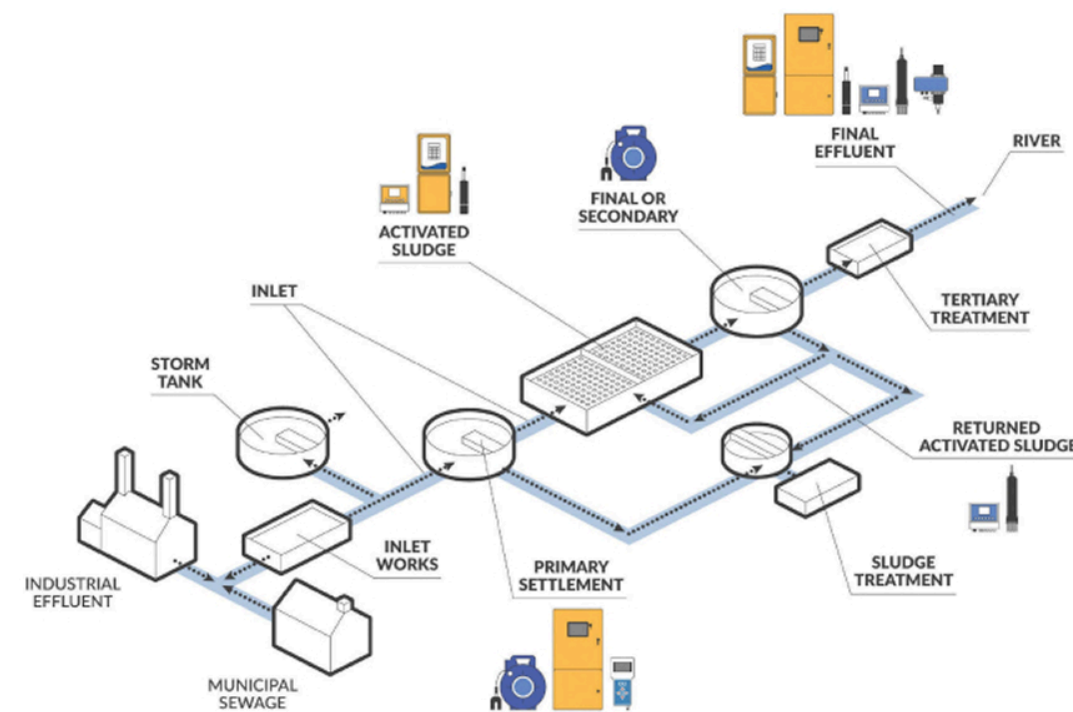
Control the nitrogen and phosphorous removal processes with reliable ammonia, nitrite, nitrate, and phosphorous measurements at frequent intervals from multiple sample points.

Sludge blanket monitoring

Improve final effluent and sludge quality with infrared sensors for portable, cost-effective spot-checking of sludge blanket levels in settlement tanks.

Wastewater UV Disinfection

Optimize UV disinfection and reduce energy costs with real-time UVT and TSS measurements.



Drinking water monitoring

Raw water intake

Maintain correct dosing, test multiple parameters, and manage operating costs with reliable and low-maintenance equipment for measurement and analysis of your inlet channel.

Filtration

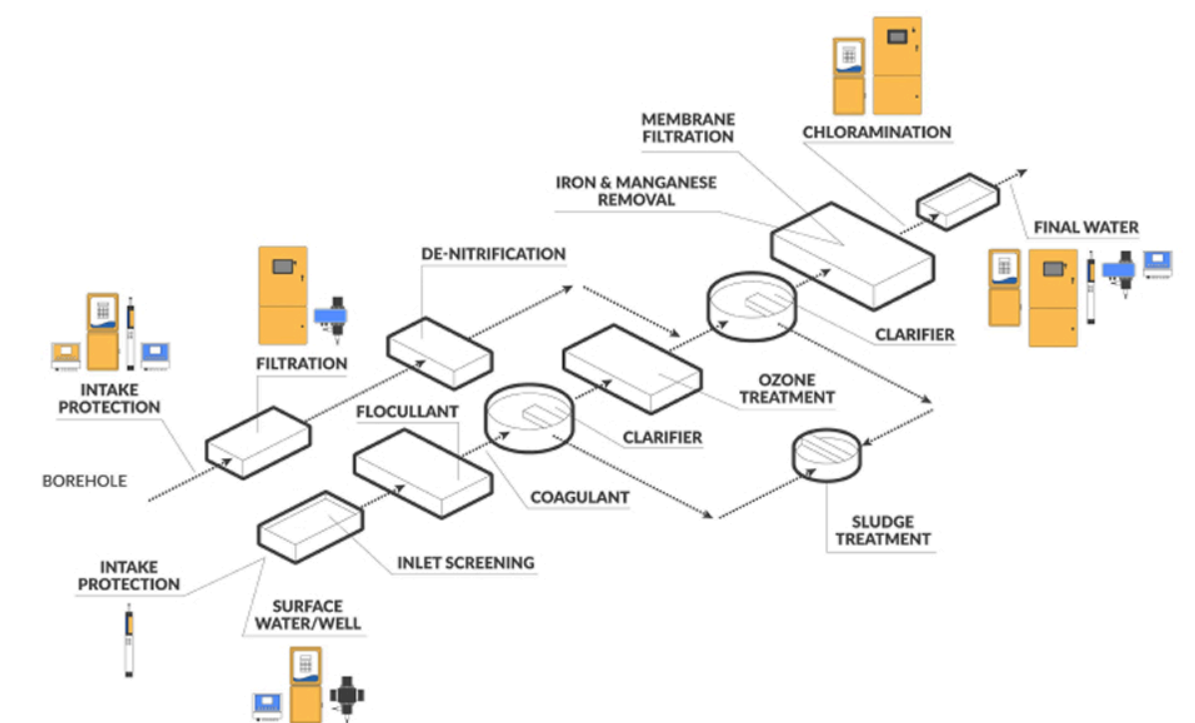
Continuously monitor and analyze multiple process points during filtration to help ensure government requirements are met using the most optimized process.

Chloramination

Maximize the formation of monochloramines while minimizing the DBP creation and nitrification in your disinfection process with timely chemistry measurements.

Finished water

Rely on process expertise and accurate data to control your treatment process, meet regulations, and ensure the safety of your finished water.



In-Situ offers a complete portfolio of solutions suitable for use in a variety of drinking water and wastewater applications.



Online analyzers

Reliable and easy-to-use single-line and multiple-line water analyzers known for accurate analysis, real-time data, and continuous monitoring.



Online monitor

Flexible monitors that display results from as many as 16 sensors and transmit data to a SCADA system.



In-tank sensors

A full line of low-maintenance digital sensors designed to perform in harsh environments measuring dissolved oxygen, pH, redox/ORP, conductivity, color, temperature, salinity, suspended solids, turbidity, and UVT.



Portables

Simple, reliable, and cost-effective spot-checking tools to gather and record data on multiple water quality parameters.



Multiparameter sensor

The Aqua TROLL 500 Multiparameter Sonde with interchangeable sensors, anti-fouling wiper and Bluetooth communication for deployed or handheld water quality monitoring.



Telemetry

VuLink cellular telemetry, with one-press setup and enhanced reliability, to simplify remote water quality monitoring and make it easy to access and manage data from anywhere.

Data you can trust and equipment you can rely on. Our application-optimized solutions work together to deliver decision-quality data in real time.

And our team of experts is renowned for outstanding customer service and technical support.

Sensors

- Ammonium
- Blue green algae (phycocyanin)
- Chlorophyll a
- Chloride
- Color
- Conductivity
- Dissolved oxygen
- Free chlorine
- Level
- Nitrate
- pH
- Pressure
- ORP
- Sludge blanket level
- Suspended solids
- Temperature
- UVT

Analyzers

- Free ammonia
- Total ammonia
- Total chlorine
- Chrome VI
- Copper
- Iron
- Manganese
- Monochloramine
- Nickel
- Nitrate
- Nitrite
- Percent transmittance
- Ortho phosphate
- Peracetic acid (PAA)
- Specific absorbance
- Sulfite, dechlorination
- BOD (UV correlation)
- COD (UV correlation)
- TOC (UV correlation)



In-Situ

221 E. Lincoln Ave.,
Fort Collins, CO 80524

1-800-446-7488 (toll free in U.S. and Canada)
1-970-498-1500 (U.S. and International)



Visit us online: In-Situ.com