



# Do you have improvements that are 'too small' for most firms but too much for your overburdened staff?

Don't let those ideas go to waste

Let Process Optimization, LLC help you!

- Process Intensification
- Automation / Controls
- Process Control Plans
- Troubleshooting
- Instrumentation
- SOPs
- Training / Consulting
- Nutrient Removal
- P&ID Reviews
- Instrument Specification
- Staff Analysis/Optimization
- Onsite & Remote

Bob Dabkowski, CWP has been helping clients for 25 years improve their processes and teams. He serves on WEF's Intelligent Water Technology Committee and the WEFTEC program committee, while also authoring several articles and WEF manuals of practice (MOP) for process analysis and control. He's assisted operators in all 50 states and is an instructor for the Rocky Mountain Water Environment Association's annual short school on Activated Sludge and Advanced Wastewater.

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**TREAT WATER BETTER™**

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# Project Examples

## **Activated Sludge & BNR Training**

Three-day and week-long classes on Activated Sludge and Biological Nutrient Removal Process Controls. The clients brought excellent questions and experiences for troubleshooting and cross-training.

## **Sludge Dewatering Optimization**

Client requested help with SOPs, KPIs, training newer staff, and giving them experience to feel confident operating the centrifuges.

## **Specific Oxygen Uptake Rate**

Previous negative experience with SOUR testing left this client feeling uncertain about the results and the value of the test. A half day of training plus follow up consulting restored their confidence.

## **Controls**

Knowing that automating the process would achieve stability and reduce costs, the client requested control system consulting. Our unique experience with instrumentation, controls but most importantly *understanding the process* ensured confidence.

## **Troubleshooting**

Industrial wastewater client wanted help troubleshooting their biological process and learning about treatment upgrades. Process Optimization provided a more holistic approach not only focused on the biological, but the upstream and downstream processes that impact the biology.

## **Which Instrument and Where to Install it?**

Wanting to improve wasting for their activated sludge process, the client leveraged Process Optimization's 25 years of experience to select the right sensor in the right location, being fully informed about limitations and maintenance.