

# SAVE THE DATE!

**AUGUST 29, 2024**

**SAN FRANCISCO BAY REGIONAL WATER  
CONTROL BOARD  
OAKLAND, CA**

WORKSHOP  
HOSTED BY:



Dr. David Jenkins Technical Series

## **NUTRIENT REMOVAL IN BAY AREA WATER RECLAMATION FACILITIES**

Instructors:

**Experienced professionals with expertise in design and  
operation of nutrient removal systems**

The workshop will provide the technical knowledge to retrofit conventional wastewater treatment plants to accomplish nitrogen removal goals

**Learning objectives to familiarize the audience with:**

- **Fundamentals of nitrogen characteristics and forms in wastewater**
- **Nitrogen removal by activated sludge in BOD removal only plants**
- **Ammonia removal by nitrification**
- **Nitrogen removal by denitrification**
- **Nitrogen removal effects on sludge production**
- **Nitrogen removal effects on recycle streams**
- **Aeration and energy considerations in nitrogen removal**