

SAVE THE DATE!

AUGUST 29, 2024

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

WORKSHOP
HOSTED BY:



B A C W A
BAY AREA
CLEAN WATER
AGENCIES

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**