

EMERGING & INNOVATIVE NUTRIENT REMOVAL TECH

JOIN US FOR A PRESENTATION & TOUR FOCUSED ON THE NEWEST TECHNOLOGIES!

MONDAY
JUNE 09
2025

WHERE:

LINDA COUNTY WATER DISTRICT WASTEWATER TREATMENT PLANT

909 Myrna Avenue
Olivehurst, CA
95961

WHEN:

MONDAY
JUNE 09, 2025

SESSION 01

9:00 AM to
12:00 PM

SESSION 02

1:00 PM to
4:00 PM

be sure to note which session you would like to attend

WHAT:

FUNDED

California Energy Commission Grant with a total budget of approximately \$6.7M (EPC- 20-044)

TECHNOLOGIES

Various nitrogen reduction and other technologies (refer to the agenda on the following page)

RSVP

**SPACE IS LIMITED—
SECURE YOUR SPOT
TODAY!**

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CWT CALISKANER WATER TECHNOLOGIES



BACWA
BAY AREA
CLEAN WATER
AGENCIES





This project executed by Caliskaner Water Technologies and multiple partners includes the design, installation, demonstration, development and evaluation of advanced primary treatment and advanced secondary treatment technologies



This is the first project of its kind to combine full-scale advanced primary treatment and nitrogen removal technologies in a holistic, integrated system that quantifies their complementary performance



The California Energy Commission has funded this project (EPC- 20-044) with a total budget of approximately \$6.7M

SPEAKERS



ONDER CALISKANER, PE, PhD

Dr. Onder Caliskaner has 30 years of experience in technology research, testing, demonstration, and development. He is a recognized industry expert, having managed three large-scale emerging technology development and demonstration projects for the California Energy Commission (CEC) since 2012.



MIKE FALK, PE, PhD

As one of the Bay Area's leading experts in nutrient management, Dr. Mike Falk has over 20 years of experience in process engineering and technology evaluation with an emphasis on nutrient management. He is currently serving as HDR's project manager on the BACWA 3rd nutrient watershed permit.



DERYA DURSUN, PE, PhD

Dr. Derya Dursun has over 20 years of experience spanning from technology assessments to sustainable solutions for water reclamation facilities with a focus on biosolids management and resource recovery. Currently, she is working to optimize treatment and energy performance while increasing capacity at WWTPs.



SESSION AGENDA

1

Introductions

2

Basis for Open House

3

Grant Background & Goals/Objectives

4

Technology Background and Performance

5

Technologies Visit
(blend of pilot-, demonstration, and full-scale)

Advanced Primary Treatment Technologies:

- ◆ Cloth Disk Primary Filter
- ◆ Proteus Primary Filter
- ◆ Compressible Media Biofilter
- ◆ Microscreen

Biological Nitrogen Removal Technologies:

- ◆ Microvi Biocatalyst
- ◆ Aerobic Granular Sludge (AGS)
- ◆ Membrane Aerated Biofilm Reactor (MABR)
- ◆ Modified Ludzack-Ettinger (MLE)

SPECIAL THANKS TO:

