

ACTIVATED SLUDGE & NUTRIENT REMOVAL

A FREE Class Sponsored by CDPHE

City of Brush

211 Clayton Street

November 21, 2024

8:00 AM - 4:15 PM



Join us for a full day of in-depth activated sludge process control training. Learn how to decide how to set targets for various activated sludge process control variables and the effects of making changes. We'll discuss what affects MLSS concentration, RAS concentration, sludge age, food-to-microorganism ratio, and effluent ammonia, nitrite, nitrate, and phosphorus concentrations.

WHEN: November 21, 2024 from 8:00 AM until 4:15 PM

WHERE: City of Brush, 211 Clayton Street, Brush, CO 80723

COST: Completely free courtesy of CDPHE. This seminar does not include lunch or snacks.

AGENDA:

8:00 AM	Wastewater Characteristics and Sampling
9:00 AM	Biological Treatment Basics
10:00 AM	Break
10:15 AM	Activated Sludge Control Points
11:45 AM	Lunch (45 minutes)
12:30 PM	Hands-On Process Simulator / Data Collection
1:00 PM	Optimizing Nitrification
2:00 PM	Optimizing Denitrification
2:30 PM	Gimkit Quiz Game / Memory Game
3:00 PM	Break
3:15 PM	Hands-On Process Simulator / Data Collection

COURSE MATERIALS

After registering, you'll receive a Google Drive link containing PDFs of the course handouts.

TRAINING UNITS

Approval Number: 24-10467-001

Max = 0.75

Water = 0.4

Wastewater = 0.75

Industrial = 0.75

Distribution = 0.1

Collection = 0

TUs will be uploaded to the CCWP Portal within 48 hours of course completion.

HOW TO REGISTER

Space is limited! Visit <https://www.indigowatergroup.com> to register online or email Sidney at sidney@indigowatergroup.com or call her at 303-489-9226 for more information.