



# Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Assessing Wastewater Microbial Ecology

Presenter: Caleb Trammell Title: Wastewater Operator

Employer: Jacobs Address: 3485 W Goedeck Road

City: Roseburg State: OR Zip: 97471 Phone: 5416736570

Length of Lesson: 60 minutes Lesson applies to:  Water  Wastewater  Both  Online Option:

Summary of Lesson content: Using a microscope to evaluate the relative number of organisms as well as sludge health. Applying this knowledge to inform process changes to avoid system upsets.

Professional Background: ( Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: University labwork. 100s of hours of experience working under a microscope.

Education (High School, Upgrades, Colleges and Degrees): B.S. in Microbiology Oregon State University

Professional Registration/Certification: Wastewater Operator Grade I

Related papers/instruction you have presented:

Title: Activated Sludge Microscopic Examination Date: November/2021 Event: Oregon Operator's Conference Tour

Title: \_\_\_\_\_ Date: \_\_\_\_\_ Event: \_\_\_\_\_

Professional Organizations/Activities:

Umpqua Basin Operator's Section Date: Present

Course sponsor: Jacobs-RUSA Water Resource Recovery Facility

Signature of Instructor: Caleb Trammell Date: 9/21/22

**DO NOT WRITE BELOW THIS LINE**

Date Evaluated: \_\_\_\_\_ By: \_\_\_\_\_ Approved: Yes \_\_\_\_\_ No \_\_\_\_\_