



# Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Imagine the Possibilities: The future of resource recovery in wastewater

Presenter: Rebecca Singer Title: Resource Recovery Section Manager

Employer: King County Wastewater Treatment Division Address: 201 S Jackson St

City: Seattle State: WA Zip: 98401 Phone: 206-477-5600

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

Summary of Lesson content: \_

This lesson is focused on resource recovery at wastewater treatment facilities. What does it mean to be a wastewater operator today? Wastewater has the potential to do more than just treat what is in the pipe and meet permit requirements. Treating wastewater means optimizing the wastewater treatment process and extracting clean resources such as biogas, recycled water, nutrients, and biosolids. Looking beyond the fence-line and using the influent and effluent for district heating and cooling. Creating electricity and providing back to the community by closing the loop.

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: Over a decade of work in the industry, focused on beneficially using recovered resources from the wastewater stream.

Education (High School, Upgrades, Colleges and Degrees): Master of Science

Professional Registration/Certification:

(See attached Resume and Bio)

Related papers/instruction you have presented:

Title: Innovation in Resource Recovery Date: 2018 Event: World Water Tech – North America

Title: Wasted Resources: Benefits of capturing organics Date: 2020 Event: King County Organics Summit

Professional Organizations/Activities:

NW Biosolids – Board Member Date: Current

Water Environment Foundation Date: Current

Course sponsor: \_\_\_\_\_

Signature of Instructor: \_\_\_\_\_ Date: \_\_\_\_\_

**DO NOT WRITE BELOW THIS LINE**

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