

## Free Wastewater Workshop

# Activated Sludge and Math

October 2, 2019 • Bloomfield, NM



### When

Wednesday, October 2, 2019  
8:30 a.m. – 3:30 p.m.

*Check-in and day-of registration available (space permitting). To ensure your seat please pre register with the link below.*

### Where

Bloomfield City Public Library  
333 South 1st Street • Bloomfield, NM 87413

### This workshop qualifies for six (6) training credits

This Wastewater Training is intended to help small and rural treatment systems, their operators and their communities. This training will assist these systems by providing 6 FREE TRAINING CREDITS to certified wastewater professionals, helpful to renew their accreditation. This training will also be helpful for new professionals in the wastewater sector looking to meet the minimum requirements to apply for the certification Examination.

This training will focus on the required math used routinely by wastewater operators. The day will start with a review of basic math, wastewater terms & definitions. This will lead into water measurements such as flow rates, formulas for area and volume and go over units and conversion factors. Additional operator math will cover dosage, Food to Microorganism Ratios, sludge age, Mean Cell Residence Time, velocity, detention time and loading rates.

The afternoon session will cover a review of the wastewater activated sludge process and allow for a recap and questions.

### Who Should Attend:

The intended audience are wastewater operators serving small and rural systems who are looking to improve their overall skills and knowledge in wastewater treatment. This training is eligible for 6 training credits through the New Mexico Environmental Department's Drinking Water Bureau under the Utility Operator Certification Program.

**Register online at:** <https://www.events.rcac.org/assnfe/ev.asp?ID=1853>

or contact David Wallis at: [dwallis@rcac.org](mailto:dwallis@rcac.org) • (559) 337-0360

There is no fee to attend this workshop, but please register in advance to attend as space is limited.



*This training workshop is funded as a part of the EPA/RCAP Training/Technical Assistance for Small Public Water Systems to Achieve and Maintain Compliance. Any opinions, findings, and conclusions or recommendations expressed in this material are solely the responsibility of the authors and do not necessarily represent the official views of the EPA.*