

# Biological Wastewater Treatment Exam Review

At

**Bamberg, SC**

**Dates:** September 12 – 14, 2018 (3 days)

**Time:** 8:30 A.M. to 3:30 P.M.

## Who's presenting?

**Jim Matthews:** Your instructor is president of On Line Environmental, Inc. Jim is a graduate of The Citadel and has worked in plant and system operations since 1976. He holds a SC A license in Water Treatment, Biological and Physical/Chemical Wastewater Treatment. He has been teaching and assisting operators for public and private organizations for the last 31 years. Jim's teaching style encourages class participation while carefully explaining concepts essential to understanding the many topics associated with distribution system operations, maintenance and management.

## Who should attend and why?

- **Trainees** seeking more understanding of system operations and preparing for certification exams
- **Operators** preparing for D, C or B level biological wastewater operator certification exams
- **Operators** wishing to improve their skills and understanding of system operations
- **Operators** seeking continuing education to be applied toward license renewal
- **Managers** seeking to improve their technical understanding
- **Anyone** wishing to further their understanding of biological wastewater treatment

**Course Description:** This 18-hour course will introduce the learner to basic and advanced concepts of biological wastewater treatment. The class materials have been selected to assist the learner in preparation for the D, C and B-level Biological Wastewater Operator exams according to the revised ABC needs-to-know criteria (effective May 1, 2017). Presentation styles will include lecture, demonstration, PowerPoint slides, video, interactive questioning, discussion, workbook exercises and class participation.

**Course Objectives:** This course is designed to assist the operator in preparing for the South Carolina D, C and B Biological Wastewater Certification Exam. At completion of this course, the operator should be able to:

1. Perform math functions such as basic operations, operations with fractions, decimals, conversions, percentages and simple problem-solving.
2. Perform more advanced math functions such as problem-solving with equations.
3. Define terms common to biological wastewater treatment.
4. List basic wastewater characteristics.
5. List and describe the various biological treatment processes and their operations.
6. Describe the various support systems and their components associated with biological treatment processes.
7. List and describe the lab analyses associated with these processes and the proper lab techniques and safety precautions involved.
8. Describe maintenance procedures associated with the biological treatment plant and equipment.
9. Describe the safety procedures associated with biological plants and equipment.

***Please bring a calculator to class; practice exam on CD, supplemental training software, workbooks, handouts and pens will be provided.***

**A record of your attendance will be kept on file and a certificate of completion will be issued to each attendee.**

**Registration Fee: \$345.00 (includes workbook, CD, certificate)**

Contact Jim or Linda at 803-240-3551 or email Jim at [jmatthews@oleinc.com](mailto:jmatthews@oleinc.com) for more information.

## Class Registration Form

(Must be received at least **two business days** prior to class date to allow for workbook printing)

**Biological Wastewater Treatment Exam Review, Bamberg, SC**, September 12 – 14, 2018  
Location: Bamberg Board of Public Works Training Room, Elm Street, Bamberg, SC

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_ Fax: \_\_\_\_\_

Class: \_\_\_\_\_

Payment method:  Visa  MasterCard  Purchase Order  Check enclosed

Purchase Order Number: \_\_\_\_\_

Billing address (if different): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Credit Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Expires \_\_\_\_/\_\_\_\_ vCode: \_\_\_\_\_  
Be sure the billing address is the same address used for your credit card.

You may also call 803-240-3551 to pay by credit card.

**Refund Policy:** A 90% refund will be given for cancellations no later than four business days prior to the class start date. Substitutions are allowed. On Line Environmental reserves the right to cancel or reschedule any class due to inadequate enrollment or circumstances beyond the control of the company or instructor. A full refund will be offered in such cases.

Registration must be made at least **2 business days** prior to start date of class to allow time for workbook printing. As always, class size is limited, please register early.

Contact us at:

**On Line Environmental, Inc.**  
PO Box 174  
Gilbert, SC 29054

803-240-3551  
[www.oleinc.com](http://www.oleinc.com)  
[jmatthews@oleinc.com](mailto:jmatthews@oleinc.com)

