

Basic Environmental Math

At

Lake City, SC

Date: February 28, 2019

Time: 8:30 A.M. to 4:30 P.M. (6.0 Contact Hours Awarded to all operator certifications)

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 32 years. Jim's teaching style encourages class participation while carefully explaining concepts essential to understanding the many topics associated with water and wastewater 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 all levels of 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 basic environmental math concepts

Course Description: This six-hour course will present math principles designed to assist the learner in performing basic mathematical calculations associated with operations and certification exam preparation. The class format is structured, yet informal, encouraging learning and class participation.

Course Objectives: Upon completion of this course, the participant will be able to:

- Define, convert and apply units of expression
- Apply proper order of operations
- Apply number-rounding following a calculation
- Calculate percentages and averages
- Perform area and volume calculations with geometric shapes, such as rectangles and cylinders
- Calculate flow rate and velocity
- Calculate basic hydraulics in a pumping or distribution system
- Calculate various types of horsepower using pump, flow and efficiency data
- Calculate chemical feed rates and dosages
- Use a formula sheet to solve math problems
- Apply math problems and solutions to routine operations



Please bring a calculator to class; 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: \$110.00. Donuts, fruit bars, etc. will be provided on the morning of the class.

Class Location: Lake City Fire Department Training Room, 233 N Acline St, Lake City, SC 29560

Class Registration Form

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

Basic Environmental Math in Lake City, SC, February 28, 2019: \$110.00 registration fee

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

Payment method: Visa MasterCard Purchase Order Check enclosed

Purchase Order Number: _____

Billing address (if different): _____

Credit Card # ____ - ____ - ____ - ____ Expires ____/____ V-code: ____

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 two 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. Class size is limited, register early.

Contact us at:

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