

## **APPROVED COURSES FOR CONTINUING EDUCATION FOR 2019 AS WELL AS INITIAL LICENSING CLASSES**

AOWA (ALABAMA ONSITE WASTEWATER ASSOCIATION)  
Contact Allen Tartt for registration @ 205-652-3803

AOWA OFFERS ONLINE CONTINUING EDUCATION

AOWA CONTINUING EDUCATION CLASSES FOR 2019

TRADE SHOW – MARCH 14-15, 2019 – ORANGE BEACH EVENT CENTER, ORANGE BEACH, AL  
LAKEPOINT STATE PARK – JULY 9-10, 2019 – EUFAULA, AL  
GUNTERSVILLE STATE PARK – SEPTEMBER 26-27, 2019 – GUNTERSVILLE, AL  
JOHN ARCHER AG CENTER – OCTOBER 24-25, 2019 – MOBILE, AL  
JOE WHEELER STATE PARK – NOVEMBER 21-22, 2019 – ROGERSVILLE, AL

FIRST TIME TRAINING CLASSES – SPONSORED BY AOWA – ALL CLASSES HELD AT THE AOWATC TRAINING CENTER IN LIVINGSTON, AL AT THE UNIVERSITY OF WEST ALABAMA

### **BASIC LEVEL INSTALLER**

JANUARY 22-25, 2019  
APRIL 16-19, 2019  
JUNE 4-7, 2019  
AUGUST 27-30, 2019  
NOVEMBER 5-8, 2019

### **ADVANCED LEVEL I INSTALLER**

FEBRUARY 19-22, 2019  
JUNE 18-21, 2019  
OCTOBER 8-11, 2019

### **ADVANCED LEVEL II INSTALLER**

MARCH 27-29, 2019  
JULY 23-26, 2019  
DECEMBER 3-6, 2019

### **PUMPER**

FEBRUARY 7-8, 2019  
MAY 2-3, 2019  
SEPTEMBER 4-5, 2019

### **MANUFACTURER**

CONTACT ALLEN TARTT FOR ARRANGEMENTS

THE WWETT SHOW (FORMERLY THE PUMPER SHOW) WAS APPROVED FOR CONTINUING EDUCATION BY THE AOWB

DATES FOR THE SHOW: FEBRUARY 20-22, 2019 – INDIANAPOLIS, INDIANA

VISIT THE WEBSITE FOR REGISTRATION AND LIST OF COURSES – [WWW.WWETTSHOW.COM](http://WWW.WWETTSHOW.COM)

The WWETT show is the world's largest annual trade show for wastewater and environmental services professionals. With 600 exhibiting companies, 110 conference sessions, live demos, and a schedule of great events, the WWETT show provides value to professionals from every facet of our field.

## **ORENCO WEBINARS**

**CONTACT SHAWN RAPP – TRAINING ANALYST**

**ORENCO SYSTEMS, INC.**

**1-800-707-9925**

Packed-Bed vs. Activated-Sludge – 1 hour

Tanks, Risers, Lids, and Accessories – 1 hour

AdvanTex System O &M – 1 hour

Pumps 101 – 1 hour

Orenco Sewer O&M – 1 hour

Effluent Sewer Design Manual – 2 hours

Orenco Sewer Troubleshooting – 1 hour

Effluent Filter Facts – 1 hour

Commercial AdvanTex Design Criteria – 1 hour

Residential AdvanTex Design – 1 hour

Residential Pump System Design Made Easy – 1 hour

AX-Max and AX-Mobile Design and Installation – 1 hour

Nutrient Removal – 1 hour

Controls and Monitoring – 1 hour

Sewer System Myth Busting – 1 hour

Life-Cycle Costing – 1 hour

Grey Water Treatment Systems – 1 hour

AdvanTex System Troubleshooting – 1 hour

Innovative Fiberglass Products for Industrial Applications – 1 hour

## **RED VECTOR – 2019 ONLINE CONTINUING EDUCATION -PENDING BOARD APPROVAL AT 1/24/19 BOARD MEETING**

Design of Water Efficient Buildings – 2 hours

Wastewater: Land Treatment Systems – 1 hour

Constructed Wetlands – Vegetated Submerged Beds – 2 hours

Constructed Wetlands – Free Water Surface Wetlands – 3 hours

Basic Civil Engineering – Sewers and Sewerage 2 – 1 hour

Constructed Wetlands – Pollutant Removal Mechanisms – 2 hours

Constructed Wetlands – Introduction & Basic Concepts – 2 hours

Basics of Water Resources: Groundwater Contamination – 2 hours

Advanced Storm water Treatment Design – 3 hours

Pumping Stations – Part 1 Basic Concepts – 2 hours

Low Pressure Sewer Design – 2 hours

PVC Pipe – Which type should I use? – 1 hour

Basic Civil Engineering – Sewage Treatment – 1 hour

Basic Civil Engineering – Sewers and Sewerage – 1 hour  
Basic Civil Engineering – Water Distribution 1 – 1 hour  
Basic Civil Engineering – Water Supply – 1 hour  
Excavation Safety and Shoring/OSHA – 4 hours

## **APPROVED ENVIRONMENT INC.-ONLINE CONTINUING EDUCATION – PENDING BOARD APPROVAL AT 1/24/2019 BOARD MEETING**

Ms. Ann Berbach – point of contact

317-452-5353

[support@approvedce.com](mailto:support@approvedce.com)

### **Mission Statement**

Approved Environment, Inc. is a training provider in water and wastewater since 1998. We are committed to protecting the environment by offering the most comprehensive service to accomplish this goal. If you are serious about learning and understanding the art of water and wastewater treatment, you have come to the right place. Approved Environment provides professional instructions along with the practical up-to-date knowledge you need to remain certified in the environmental field. Our online courses provide text, diagrams and pictures to help you understand and learn everything you need to manage your treatment plant. Solutions at a click of your mouse. Before you buy, before you switch, LEARN

**COURSES APPROVED FOR CONTINUING EDUCATION – ALL COURSES ARE APPROVED FOR 1 HOUR EACH**

Activated Sludge I  
Activated Sludge II  
Advanced Mathematics  
Aerobic and Anaerobic Sludge Digestion  
Air Stripping and Carbon Adsorption  
Ammonia, PH and Chlorine  
Basic Mathematics  
Biological Nitrogen Removal  
Biochemical Oxygen Demand Concept and Treatment  
BOD, DO and COD  
Chemistry I/Water Chemistry  
Chemistry II/The Periodic Table  
Clarifiers Optimization  
Environment and Health in Developing Countries  
Disinfection by Chlorine  
Drinking Water Production  
Filtration  
Final Effluent I  
Final Effluent II  
Operation and Control of a Wastewater Treatment Plant  
Oxidation Ditches  
Ozone Disinfection  
Package Plants

Parasites and Pathogens  
Wastewater Preliminary Treatment  
Primary Treatment  
Removing Metals from Wastewater  
Safety  
Sequencing Batch Reactors  
Ground Water and Wells  
Maintenance II/Pumps  
Membrane Technology  
Multiple Choice Questions  
Odor Control  
Septic Systems and their Maintenance  
Settleability & Loss of Solids  
Sludge Stabilization versus Sludge Conditioning  
Solids Dewatering  
Solids Handling Alternatives  
The Microlife  
Trickling Filters and RBCS  
Understanding Wastewater Mathematics  
UV Disinfection  
Waste Disposal Management  
Industrial Waste Treatment I  
Industrial Waste Treatment II  
Laboratory Procedures for Plant Control  
Laboratory Terms, Equipment and Sampling  
Wastewater Mathematics Practice Problems