Biological Wastewater Process Control Seminar by

Environmental Leverage Inc.
Turning Liabilities into Leverage

Overview

This 2-day (16 hours) course is approved as Training for Wastewater Operators, Engineers, and Laboratory personnel.

This seminar will present the process control methodologies and laboratory techniques necessary to control the activated sludge process or any wastewater treatment system with an emphasis on process monitoring & trouble shooting. These approaches are equally applicable to domestic and industrial facilities. Past participants from industries such as Food and Beverage, Wineries, Chemical, Papermill & petrochemical have been successful in applying these methods to control their processes. The course will consist of lecture, microscopic analysis, plant audit, demonstrations of certain laboratory procedures and microscope use.

Course Materials

Each attendee will receive complete class notes and a Wastewater Microscopic Training CD… valued at $250.00.

Who should attend?

The course is designed for all wastewater professionals, particularly operations personnel, such as operators, engineers & laboratory personnel.

Registration Form – 2-Day Biological Wastewater Process Control Seminar by

Tracy Finnegan - Environmental Leverage® Inc.

Sept. 13th Wed. & Sept. 14th Thurs. - 2017

8am - 4:30pm both days

Seminar held at:

QC Analytical Services Training Center
1798 Iowa Drive, LeClaire, Iowa 52753

Name _____

Position or Title _____

Organization _____

Business Address _____

City, State & Postal Code _____

Business Phone _____

Email _____

Registration Fee

Full 2 Day Course - $375.00

Includes lunch both days of class.

Method of Payment

Check, Visa, Master Card, Discover or PO#

Please register through and make checks or purchase orders to:

Environmental Leverage Inc.
812 Dogwood Dr., Suite A
North Aurora, IL 60542
Email: elfenvironmental@aol.com
Phone: 630-906-9791

Course Outline

Day 1 Schedule

Wastewater Basics Overview
Microbiology Overview
Floc and Filaments Analyses
Microscope Use, Techniques & Stains
Lab Sample Handling & Prep
Hands on Microscopic Observation
Visual Observations & Troubleshooting
Filaments & Foam control
Solids Carryover & Settling Problems

Day 2 Schedule

Process Overview & Process Variations
Process Control Strategies
Equipment Optimization,
Preliminary, Primary, Secondary,
Digesters and Dewatering
Settleometer Test,
Plant Tour (weather permitting)
Land Application & Biosolids Handling
Environmental Issues
Review of Troubleshooting
Case Histories - Plant Examples

Accreditation

Continuing Education Units (CEU) will be available to those who attend, if applicable.

Please issue CEU: Yes No

Are Wastewater Treatment problems getting to you lately?

Don't miss this opportunity to increase your knowledge of biological process control in your wastewater treatment system. Learn how to troubleshoot and optimize your treatment system.

General Information

Registration/check in is at 7:45 a.m.
2-Day course begins at
8:00 a.m. to 4:30 p.m.

Sept. 13th Wed. & Sept. 14th Thurs. 2017

Lunch will be provided both days by QC Analytical Services, LLC

Please be sure to bring a 100ml - MLSS sample from your own facility to analyze in class.

Registration

Register by mail, telephone, email or fax through the information below:

Environmental Leverage® Inc.
812 Dogwood Drive - Suite A
North Aurora, IL 60542
Fax: 630-906-9792
Phone: 630-906-9791
elfenvironmental@aol.com

THE INSTRUCTOR

Tracy Finnegan is an environmental engineer with Environmental Leverage® Inc., Illinois. She was formerly associated with Nalco and Suez, where she worked for more than 12 years in numerous positions related to research, operations, design evaluation, auditing and troubleshooting. She now operates her own Environmental Engineering Company that supplies products, training, lab services, audits and auditing services.

www.EnvironmentalLeverage.com

Tracy has taught biological wastewater process control to operators & engineers for over 24 years and performed audits and troubleshooting for ~5-6000 industrial and municipal treatment plants. Tracy holds a BS degree in Business Chemistry from Northern Illinois University.

She is a co-author in WEFTEC's Book Wastewater Biology: The MicroLife, and has now developed 12 new wastewater Training CD's.

Course / Seminar Location at:

Seminar held at: QCAnalytical Services Environmental Lab

QC Analytical Services Training Center
1798 Iowa Drive, LeClaire, Iowa 52753

This course is approved by Iowa for 16 CEU contact hrs. Other states may have different credit systems. Contact us for approvals in other states.

Airport Info: Quad City International Airport in Moline, IL (MLI). Approx. driving 1.5hrs. from Cedar Rapids, IA – 2.5hrs. from Chicago Airports – 2.5hrs. from Des Moines, IA.

LeClaire, IA is off of I-80 on the Mississippi River. Just NE of the Quad Cities in Iowa & Illinois.

For additional information & register contact:
Tracy Finnegan or Staff at (630)-906-9791

2-Day Biological Wastewater Process Control Seminar

Sept. 13th Wed. & Sept. 14th Thurs. 2017

Register early, class size is limited!

QCAnalytical Services
Environmental Lab

A Training Seminar Sponsored by

Environmental Leverage INC.
Turning Liabilities into Leverage

Hands-On & Interactive Training Course
Class is limited so register early