Biological Wastewater Process Control Seminar by

Overview
This 2-day (16 hours) course is approved as Training for CEU’s - 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, Municipalities & 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 workbook and a Biological Wastewater Training CD full of information-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 Seminar
Biological Wastewater Process Control
by Tracy Finnegan - Environmental Leverage® Inc.
October 16th Weds. & Thurs. 17th, 2019
8am - 4:30pm both days
Seminar held at:
DUBLIN SAN RAMON SERVICES DISTRICT
7399 Johnson Drive
Pleasanton, CA 94588

______________________________
Name

______________________________
Position or Title

______________________________
Organization

______________________________
Business Address

______________________________
City, State & Postal Code

______________________________
Business Phone

______________________________
Email

Registration Fee

**Full 2 Day Course - $395.00**
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.
Oct. 16th Wed. & Oct. 17th Thurs. 2019
Lunch will be provided both days by Dublin San Ramon Service District
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 Course 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:
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This course is approved by California for 1.6 CEU
Other states may have different credit systems.
Contact us for approvals in other states.
Airport Info: SFO-San Francisco & San Jose

For additional information & register contact:
Tracy Finnegan or Staff at (630)-906-9791
elfenvironmental@aol.com

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