

Biological Wastewater Treatment Seminar by



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 with an emphasis on process monitoring and trouble shooting. These approaches are equally applicable to domestic and industrial facilities. Past participants from industries such as Food and Beverage, Wineries, Chemical, Paper and petrochemical have been successful in applying these methods to control their processes. The course will consist of lecture, plant audit, and demonstrations of certain laboratory procedures.

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 – *Biological Wastewater Activated Sludge Process Control Seminar* by Tracy Finnegan - Environmental Leverage® Inc.

March 18th Tues. & 19th Wed. - 2014
8am - 4:30pm both days
Seminar held at: GVI Training Facility
5711 Griffith Ave. Livingston, CA 95334

Name

Position or Title

Organization

Business Address

City, State & Postal Code

Business Phone

Email & Business Fax

Registration Fee

**Full 2 Day Course - \$375.00 ..includes
Lunch both days.**

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., North Aurora, IL 60542
Email: elfenvironmental@aol.com
Phone: 630-906-9791

Total Amount enclosed \$ _____

Course Outline

Day 1 Schedule

Wastewater Basics Overview
Visual Observations & Troubleshooting
Microbiology Overview
Filamentous Identification & Floc Analyses
Microscope Use, Stains & Techniques
Hands on Microscopic Observation
Filaments & Foam control
Solids Carryover & Settling Problems
Digesters and Dewatering

Day 2 Schedule

Process Overview & Process Variations
Process Control Strategies
Equipment Optimization, Dewatering
Settleometer Test,
Biosolids Land Application
Lab Sample Handling & Prep
Plant Tour
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 and learn how to troubleshoot and optimize your treatment plant.

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. March 18th & 19th

Lunch will be provided both days

Please be sure to bring a MLSS sample from your facility.

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 and engineers for over 23 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 Location:

GVI training facility
5711 Griffith Avenue
Livingston, CA 95334

Accessible from these airports
Oakland, San Francisco & San Jose
Livingston, CA is on Hwy 99

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

Biological Wastewater Treatment Seminar

Activated Sludge Systems

March 18th Tues & 19th Wed -2014

Register early, class size is limited!

A Seminar Sponsored by



Hands-On & Interactive Training Course.



Class is limited so register early

