

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 Process Control Seminar* by
Tracy Finnegan - Environmental Leverage® Inc.

July 13th & 14th 2017

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 - \$395.00 ...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
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 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. July 13th & 14th 2017

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 25 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

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July 13th & 14th 2017

Register early, class size is limited!

A Seminar Sponsored by



Hands-On & Interactive Training Course.



Class is limited so register early

