

## Biological Wastewater Process Control 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 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.

**April 12<sup>th</sup>, Wed. & April 13<sup>th</sup>, Thurs. - 2023**

8am - 4:30pm both days / Class location below

Sutter Home / Trinchero Family Estates  
100 Main St. South (Hwy 29)  
St. Helena, CA 94574 / (stop at Guard Shack)

Name

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Position or Title

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Organization

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Business Address

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City, State & Postal Code

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Business Phone

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Email & Business Fax

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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: Payment Mailing Address**

Environmental Leverage Inc.  
812 Dogwood Dr., Suite A  
North Aurora, IL 60542

Email: elfenvironmental@aol.com

Phone: 630-906-9791

**April 12<sup>th</sup>, Wed. & April 13<sup>th</sup>, Thurs. - 2023**  
**WW Training Class Dates & Course Outline**

### Day 1 Schedule

Wastewater Treatment Overview  
Visual Observations & Troubleshooting  
Microbiology Overview  
Filamentous Identification  
Floc Analyses  
Microscope Use, Techniques & Stains  
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 (weather permitting)  
Land Application & Biosolids Handling  
Environmental Issues  
Review of Troubleshooting  
Case Histories - Plant Examples

### Accreditation

**CEU's where applicable**

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.

**April 12<sup>th</sup>, Wed. & April 13<sup>th</sup>, Thurs. - 2023**

Lunch will be provided both days by  
Environmental Leverage Inc.

Please be sure to bring a 100ml / 4oz.  
sample of your MLSS from your own facility.

### Class Location: Stop at Guard Shack

Sutter Home / Trinchero Family Estates  
100 Main St. (Hwy. 29) South  
St. Helena, CA 94574

### Registration Info below:

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

Environmental Leverage® Inc.  
812 Dogwood Drive - Suite A  
North Aurora, IL 60542

Phone: 630-906-9791 / Fax: 630-906-9792

Email: [elfenvironmental@aol.com](mailto:elfenvironmental@aol.com)

### THE INSTRUCTOR

**Tracy Finnegan** is an environmental engineer with Environmental Leverage® Inc., Illinois. Tracy has taught biological wastewater process control to operators & engineers for over 31 years and performed audits and troubleshooting for ~5-6000 industrial and municipal treatment plants. She owns and operates her own Environmental Engineering Company that supplies products, training, lab services, audits and auditing services.

[www.EnvironmentalLeverage.com](http://www.EnvironmentalLeverage.com)

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.

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. She has developed online training courses as well

[www.WastewaterElearning.com/elearning](http://www.WastewaterElearning.com/elearning)

### Course / Seminar Location at:

Seminar held in Napa Valley at:  
Sutter Home / Trinchero Family Estates  
100 Main St. South (stop at Guard Shack)  
St. Helena, CA 94574

For additional information & register contact:

**CEU's where applicable**

Tracy Finnegan or Staff at (630)-906-9791

## 2-Day Biological Wastewater Process Control Seminar

**April 12<sup>th</sup>, Wed. & April 13<sup>th</sup>, Thurs. - 2023**

**Register early, class size is limited!**

**Napa Valley / Sutter Home/Trinchero, St. Helena, CA**

### A Seminar Sponsored by



### Hands-On & Interactive Training Course



### Class is limited so register early

