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.

October 6th Tuesday & 7th Wednesday-2015 8am - 4:30pm both days
Seminar held at:
City of Glenwood Springs RWWTF
2315 Wulfsohn Rd - Glenwood Springs, CO 81601

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 of class.

Method of Payment
Check, Visa, Master Card, Discover or PO#
Please register through & make checks or purchase orders to:

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

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 (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.
October 6th Tuesday & 7th Wednesday - 2015
Lunch will be provided both days by City of Glenwood Springs RWWTF, CO

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
eflenvironmental@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 bacterial products, training, lab services, audits and auditing services.

www.EnvironmentalLeverage.com
Tracy has taught biological wastewater process control to operators and 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 Location:
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City of Glenwood Springs RWWTF
2315 Wulfsohn Rd - Glenwood Springs, CO 81601
Colorado Course is approved for 1.6 CEU’s.
Other states may have different credit systems.
For additional information & register contact:
Tracy Finnegan (630)-906-9791

Biological Wastewater Treatment Seminar
October 6th Tuesday & 7th Wednesday - 2015

Register early, class size is limited!

A Seminar Sponsored by
City of Glenwood Springs RWWTF, CO & Environmental Leverage

Hands-On & Interactive Training Course.

Class is limited so register early