

Biological Wastewater Treatment Seminar

Overview

This seminar will present the 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 refining, petrochemical, meat packing, food processing and pulp/paper have been successful in applying these methods to control their processes. The course will consist of lecture 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 and laboratory personnel. The course size is limited to the first 25 people for this class.

Accreditation

Continuing Education Units (CEU) will be available to those who attend

Please issue CEU: Yes No

Registration Form

Activated Sludge Process Control

January 13th 2010

Village of Manteno Community Center

211 North Main Street, Manteno, Illinois 60950

815-468-8089

Name

Position or Title

Organization

Business Address

City, Province, Postal Code

Business Phone

Business Fax or e- mail

Registration Fee

Full Course- \$175

Late Fee- \$25 (After Jan 1st)

Method of Payment

Check

Purchase order

Please make checks or purchase orders out to:

Environmental Leverage Inc.

Total Amount enclosed \$_____

Course Outline



**Basic Activated Sludge Microbiology
Hands on Microscopic Observation
Process Overview and Process variations**

Process Control Strategies

Settleometer Test

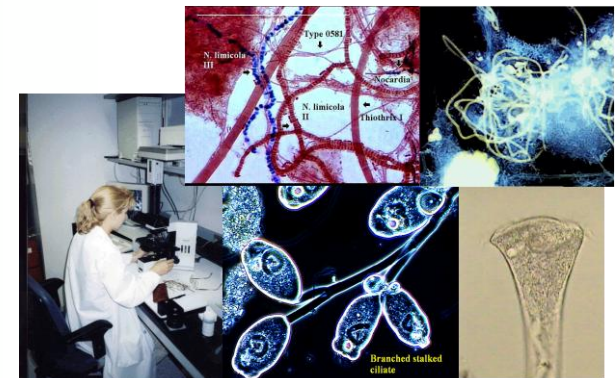
Troubleshooting Activated Sludge Processes

Visual Physical Observations

Filaments and Foam control

Solids Carryover and Settling Problems

Dewatering and Solids Handling



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 plant.

General Information

Registration/check in is at 8:00 a.m. Jan 13th. The course begins at 8:30 a.m. and adjourns at 3:30-4 p.m.

Lunch will be provided compliments of **Village of Manteno**

Registration

You may register by mail, telephone or fax:

Environmental Leverage Inc.

Fax: (630)- 906-9792

Phone: (630)- 906-9791



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 started her own Environmental Engineering Company that supplies wastewater products, training, audits and consulting services.

www.EnvironmentalLeverage.com

Tracy has taught biological wastewater process control to operators and engineers for over 17 years and performed audits and troubleshooting for ~5-6000 industrial and municipal treatment plants worldwide. Tracy holds a BS degree in Business Chemistry from Northern Illinois University. She is a contributing author in WEFTEC's Book- Wastewater Biology: The Microlife. She has written 12 Wastewater training manuals and CD's.



Course Location:

Village of Manteno Community Center

For additional information contact:

Tracy Finnegan (630)-906-9791

Daniel Kramer (630)-973-6149

Elfenvironmental@aol.com

Biological Wastewater Treatment Seminar

Activated Sludge Systems

January 13th, 2010

Register early, class size is limited!

No refunds after Jan 1st, 2010

Village of Manteno Community Center

Melanie Gossett

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211 North Main Street, Manteno, Illinois 60950

815-468-8089

A Seminar Sponsored by

Environmental Leverage Inc.

Village of Manteno

