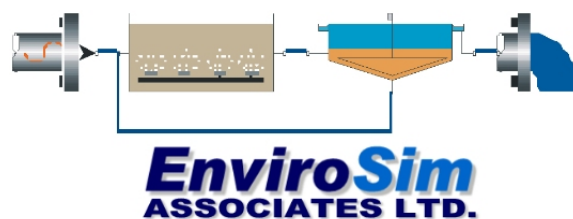


CALIBRATION OF WASTEWATER PLANT SIMULATORS

A 2-day interactive workshop, held by

on June 19th and 20th, 2006
at our office in Flamborough,
Ontario, Canada



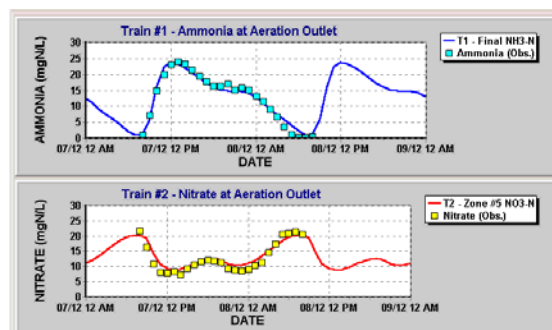
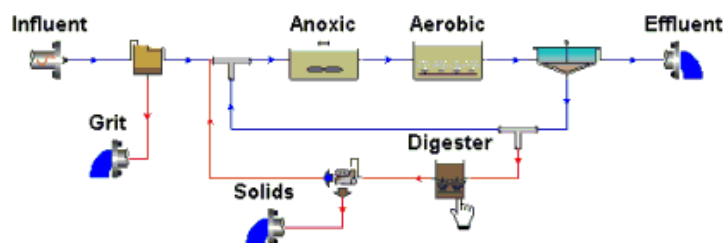
This **Two Day interactive workshop** is focused on **calibration**, universally recognized as the most sensitive issue in model-based activated sludge process design and optimization.

This seminar establishes a practical and reusable approach for a structured and fundamentally correct simulation study.

Presented using actual plant data in **BioWin**, the course includes comprehensive instructional material and specialty calibration software tools.

Course program:

- ▣ Overview of calibration in modeling.
- ▣ Influent COD fractions and their measurement.
- ▣ Tiered approach to calibration.
- ▣ TKN, phosphorus and other influent parameters.
- ▣ Methods for measurement of nitrification rate.
- ▣ Guidance to conduct bench-scale studies.
- ▣ Review of other nitrification parameters.
- ▣ Denitrification rate, anoxic yield.
- ▣ Other biokinetic model parameters.
- ▣ Parameters in oxygen transfer modeling.
- ▣ Clarification and thickening parameters.
- ▣ Case studies in modeling, traps to avoid.
- ▣ Calibration in practice – interactive demonstration.



EnviroSim instructors:

EnviroSim instructors have extensive experience in dynamic modeling, model development and calibration in a large number of projects they have managed.

EnviroSim recently completed the Water Environment Research Foundation (WERF) project on **Methods for Wastewater Characterization in Activated Sludge Modeling**.

Based on EnviroSim's recent extensive research on influent fractionation, kinetic measurements, experimental and calibration techniques.

Registration

I will attend the "Calibration Workshop" in Flamborough, Ontario, on June 19- 20, 2006.

Name.....

Company.....

Number of persons..... Total cost.....

Cost of the course: US\$ 950 per person, includes course manual and lunch (does not include other meals, hotel, travel, etc.).

Required:

Laptop with BioWin 2.2 installed
(if you do not have BioWin, prearrange with EnviroSim).

EnviroSim Associates Ltd. is located at:
7 Innovation Dr.
Flamborough, ON
L9H 7H9, CANADA
P: + 1 (905) 690-1122
F: +1 (905) 689-2200



Convenient Hotels in the area

Admiral Inn (Hamilton or Burlington)

www.admiralinn.com

The Visitors Inn

www.visitorsinn.com

The Sheraton Hotel

http://www.starwood.com/sheraton/search/hotel_detail.html?propertyID=185&fromSearch=22XX&linkbrand=&links=all

Please fax this registration before June 9th, 2006, to EnviroSim. Fax: +1 905 689 2200

Credit Card:



Exp Date _____ Security # _____

Card # _____ Phone _____

Card holder _____ Credit card billing address (to which statements are sent)

Company _____ Address _____

Signature _____ Address _____

E-mail _____ Address _____

Attendance will be limited to 10. Cancellation: No refund after June 12th, 2006. Registrations are transferable.

EnviroSim
ASSOCIATES LTD.

Fax +1 905 689 2200 Tel: +1 905 690 1122 www.envirosim.com info@envirosim.com