

SEMINAR AGENDA

AIRLINE: Your flight will be scheduled to arrive at Chicago's O'Hare airport between 1:00 and 3:00 p.m. (CST) on the Wednesday prior to the seminar. Your return flight will be scheduled for 6:00 p.m. or later on Thursday following the seminar.

TRANSPORTATION: A regional coach bus will depart O'Hare and bring you directly to Rockford, IL. If you plan on driving to Rockford, it is your option to arrive Wednesday evening or Thursday morning. Following the seminar, you will be transported back to O'Hare airport for your return flight.

HOTEL: A room reservation will be made in your name for the evening prior to the seminar at a hotel near our facility in Rockford, IL.

WELCOME RECEPTION AND MEALS: Join us for a casual welcome reception at the hotel followed by dinner at one of Rockford's finest restaurants.

You'll have a chance to meet other seminar attendees and be acquainted with several members of Aqua-Aerobic Systems' technical staff.

SEMINAR DAY: Begin your day with a complimentary hot breakfast buffet in the hotel on the morning of the seminar.

A chartered bus will depart from the hotel for Aqua-Aerobic Systems immediately following breakfast.

A catered lunch and light snacks will be provided throughout the day at our facility.

For your benefit, we try to keep the program informal, with plenty of chances for questions.

Casual attire is recommended.

HOW TO REGISTER

Please confirm your attendance at one of Aqua-Aerobic Systems' Process and Product Application seminars by contacting our Seminar Coordinator, [Sara Miller](mailto:Sara.Miller@aquaaerobic.com) at (815) 639-4417 or by email at smiller@aquaaerobic.com.

Availability is limited for each seminar, so early confirmation is recommended.

There is **no cost to you** for attending this seminar. All meals, airline tickets, hotel accommodations, and ground transportation from Chicago's O'Hare airport to Rockford, IL and the return to O'Hare will be furnished by Aqua-Aerobic Systems, Inc. and your local Aqua-Aerobic representative.

PROFESSIONAL DEVELOPMENT

Upon completion of this seminar, you will receive a certificate of completion for 5.5 Professional Development Hours (PDH).

A.D.A. STATEMENT

Aqua-Aerobic Systems, Inc. supports the intent and spirit of the Americans with Disabilities Act. Please contact our Seminar Coordinator if special assistance or accommodations need to be made for you while attending this seminar.



AQUA-AEROBIC SYSTEMS, INC.

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EDUCATION AND TRAINING

2012

PROCESS AND PRODUCT
APPLICATION

TECHNICAL SEMINAR

Presented By



AQUA-AEROBIC SYSTEMS, INC.

- BIOLOGICAL PROCESSES
- CLOTH MEDIA FILTRATION
- MEMBRANE SYSTEMS
- CONTROLS & PROCESS MANAGEMENT SYSTEMS

YOU ARE INVITED

Aqua-Aerobic Systems, Inc. offers a one-day Process and Product Application seminar to individuals involved in the design, specification and procurement of wastewater treatment equipment and systems.

This technical seminar is designed to provide broadly-based information on the design and application of wastewater treatment equipment and will feature:

- **Biological Processes**
- **Cloth Media Filtration**
- **Membrane Systems**
- **Control & Process Management Systems**

This information can be invaluable to a wide range of wastewater treatment professionals including:

- **Consulting Engineers**
- **Environmental Managers**
- **Industrial Process Engineers**
- **Plant Superintendents**
- **City Officials**

2012 SEMINAR DATES

MAY 17

JULY 19

AUGUST 16

SEPTEMBER 20

BIOLOGICAL PROCESSES



AquaSBR® System

In this segment, you'll be acquainted with Aqua-Aerobic Systems' **AquaSBR® Sequencing Batch Reactor System** offering time based treatment in a batch process. You will also be familiarized with the integral components of the **AquaSBR®** such as the **AquaDDM® mixer**.

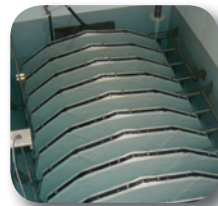
Witness a full-scale dye tracer study using the AquaDDM® mixer during an outdoor demonstration along with full scale diffused aeration to showcase the **Aqua MixAir® Aeration System**.

The **AquaPASS® Phased Activated Sludge System** is a featured topic in our biological segment. This activated sludge technology provides enhanced nutrient removal with Total N < 3 mg/l and Phosphorus < 0.6 mg/l.



AquaPASS® System

CLOTH MEDIA FILTRATION



AquaDisk® Filter

In this segment of the seminar, you will be familiarized with Aqua-Aerobic Systems' **OptiFiber® Cloth Media**, exclusively offered by Aqua-Aerobic Systems Inc.

The unique cloth media is carefully engineered to provide optimum performance and reliability in a variety of applications including reuse and phosphorus removal.

Learn how OptiFiber media is an integral component to the entire line of cloth media filtration products including the **AquaDisk®** and **AquaDiamond®** filters.



AquaDiamond® Filter

MEMBRANE SYSTEMS

Two system approaches with integrated membrane processes will be discussed during this seminar: the **Aqua-Aerobic® MBR Membrane Bioreactor System** and the **AquaMB Process® Multiple-Barrier Membrane System** - both offering distinct advantages including high efficiency and low cost of ownership. Learn how these complete systems provide a solution for enhanced biological nutrient removal in times when nutrients are of greatest concern with changing demands.



Submerged Modules

The **Aqua-Aerobic® MBR** is a unique, time-managed sequential aeration process promoting biological nutrient removal in a simplified unit process. The

integration of submerged membranes provides direct filtration of high level mixed liquor suspended solids (MLSS).

The **AquaMB Process®** is the most cost effective nutrient removal solution offering dual barrier filtration technology by incorporating cloth media filters and micro-filtration membranes into the system process.



Membrane Modules

CONTROLS AND PROCESS MANAGEMENT SYSTEMS



IntelliPro® Process Management System

Also a featured topic is the **IntelliPro® Process Management System**, offering advanced technology in system control and monitoring for Aqua-Aerobic Systems' biological processes.