



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

YOU'RE INVITED AEROBIC GRANULAR SLUDGE TECHNOLOGY SEMINAR

August 21-23, 2024 | Rockford, IL



Through extensive research and successful application internationally over the last 20+ years, aerobic granular sludge is recognized as “The Future” of municipal and industrial wastewater treatment and is the most sought-after, progressive treatment technology.



In 2016, Aqua-Aerobic Systems, Inc. partnered with Royal HaskoningDHV, one of the original developers of the **Nereda**® technology and is now the exclusive provider of this technology in the United States and Canada.

What You Can Expect:

- ▷ Learn how granules are formed from conventional activated sludge and see how the process works
- ▷ Get acquainted with the operation of aerobic granular sludge technology through a full-scale plant tour
- ▷ Learn how aerobic granular sludge handles peak flows and load
- ▷ Review process performance and case studies and understand best applications for the process
- ▷ A guest presenter from Idaho Springs WWTP will discuss their **AquaNereda**® installation in Colorado
- ▷ Earn Professional Development Hours (PDH)

Technology Overview

Within a single tank, the **AquaNereda**® system creates proper conditions to develop and reliably maintain a stable granule, without a supplemental carrier. The granule layered aerobic and anoxic/anaerobic zones allow for simultaneous processes to take place in the granular biomass, including enhanced biological phosphorus reduction, and simultaneous nitrification and denitrification.

Compared to activated sludge technologies, the biological treatment power of **AquaNereda**® is highly amplified while saving 50% on energy costs, delivering high quality effluent for low costs and requiring only a quarter of the area of conventional activated sludge systems.

Featured Guest Presenter:



Edward Sigward
Water/ Wastewater Superintendent/ORC

Edward has spent 14 years of his professional career in the Water/ Wastewater industry. He currently holds a certification in Colorado B/2 Water/Wastewater with 3 years of experience in operating aerobic granular sludge (AGS).

TOURS

Located on the grounds of Four Rivers Sanitation Authority (FRSA), our **Research & Technology Center** provides a unique opportunity to facilitate performance testing of engineered cloth media on various configurations, under controlled conditions to deliver reliable insights into optimizing commercial application.



Aqua-Aerobic Research & Technology Center

Tour the Aqua-Aerobic **Research & Technology (R&T) Center** and get an extensive overview of our full-scale **AquaNereda®** Aerobic Granular Sludge treatment plant on the last day of the seminar.



AquaNereda® Demonstration Plant

A brief presentation at our **AquaNereda** full-scale treatment plant will acquaint you with the system which is designed to treat 200,000 gpd.

In addition to using the demonstration plant for tours and educational training, it allows for the continued cultivation of granules for future AquaNereda installations.

Aqua-Aerobic staff will be available during the tour of the R&T Center and AquaNereda plant to answer any questions.

Nereda® is a registered trademark of Royal HaskoningDHV

SEMINAR REGISTRATION

There is **no cost to you** for attending this **2-day seminar**. Your airline ticket, hotel accommodations, meals 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.

Airline:

Your flight will be scheduled to arrive at Chicago's O'Hare airport before 1:00 p.m. (CST) on Wednesday, August 21st. Your return flight will be scheduled 5:00 p.m. or after on Friday, August 23rd.

Transportation:

A regional bus will depart O'Hare and bring you directly to Rockford, IL. Transportation will be provided back to O'Hare airport. If driving to/from the seminar, additional information will be provided.

Hotel:

A room reservation will be made in your name for the evening prior to the seminar at the Embassy Suites Hotel, Rockford, IL

Welcome Dinner:

Join us for dinner at one of the area's most unique rooftop restaurants in downtown Rockford.


Seminar Day:

Begin your day with a complimentary breakfast in the hotel before departing via chartered bus to the scheduled seminar events each day. A catered lunch and light snacks will be provided throughout the day during the seminar.

[CLICK HERE TO REGISTER](#)

Availability at this seminar is limited, so early registration is recommended.

Please direct any questions you may have to **Monica Alfano** at (815) 639-4511 or email malfano@aquaaerobic.com.

 **YouTube** View our Introduction to the Aqua-Aerobic Seminar Video

We look forward to having you as our guest!