



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

YOU'RE INVITED AEROBIC GRANULAR SLUDGE TECHNOLOGY SEMINAR

August 19 - 20, 2026 | 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 Haskoning, 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 conditions
- ▷ Review process performance and case studies and understand best applications for the process
- ▷ Earn Professional Development Hours (PDH)

Technology Overview

AquaNereda® Aerobic Granular Sludge Technology is an advanced biological wastewater treatment process that converts conventional flocculent activated sludge into dense, granular aggregates without the use of carrier media or external substances. The granular structure of the sludge allows for extremely fast settling, leading to increased overall treatment capacity. Granular sludge also exhibits enhanced nutrient removal capabilities with strong biological phosphorus removal 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:



McCarthy Building Companies

McCarthy Building companies is the CMAR contractor working on the 98.5 MGD Papillion Creek AquaNereda project in Omaha, NE. This will be one of the world's largest installations featuring AquaNereda technology, and will be delivered over a 5-year construction period.

A representative from the project team at McCarthy will be on hand to discuss the unique challenges of implementing this cutting-edge technology at large scale.

PLANT TOURS

A presentation at the recently commissioned **AquaNereda® full-scale System** at Four Rivers Sanitation Authority (FRSA) will acquaint you with the system which is designed to treat 10 MGD.

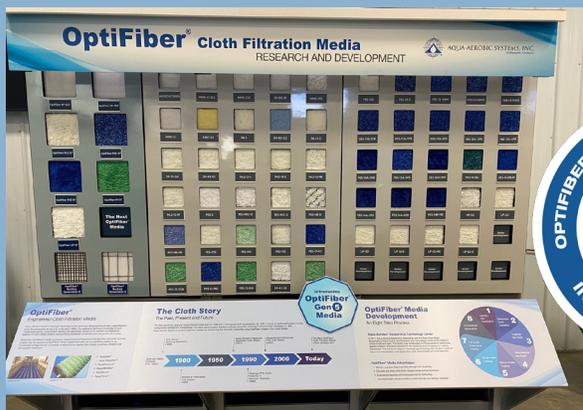


AquaNereda® Process at Four Rivers Sanitation Authority

Also located on the grounds Four Rivers Sanitation Authority is our **Research & Technology Center** which provides a unique opportunity to facilitate performance testing of engineered OptiFiber® Cloth Filtration Media on various configurations, under controlled conditions to deliver reliable insights into optimizing commercial application.



Aqua-Aerobic Research & Technology Center



Nereda® is a registered trademark of Haskoning

SEMINAR REGISTRATION

There is **no cost to you** for attending this 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 19th**. Your return flight will be scheduled 5:00 p.m. or after on **Thursday, August 20th**.

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 following the tours at Four Rivers at a local country club along the scenic Rock River.

Seminar Day:

Begin your day with a complimentary breakfast in the hotel before departing via chartered bus to the scheduled seminar events. 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 **Christine Reyes** at (815) 639-4444 or email creyes@aqua-aerobic.com.

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

We look forward to having you as our guest!

Protecting the World's Water.