

YOU'RE INVITED

# AQUA TechTalk

Webinar Series



AQUA-AEROBIC SYSTEMS, INC.  
A Metawater Company

**FEBRUARY - JULY, 2024**

**THURSDAY, FEBRUARY 22ND | 10:30AM - 11:30AM**

***"Introduction to AquaPASS® Phased Activated Sludge System"***

- Learn how the AquaPASS® Phased Activated Sludge System can achieve biological nutrient removal with reduced internal recycles, and provide more operational flexibility to an existing facility
- Understand the differences between a traditional flow-through system and the AquaPASS® process
- Learn about design options for retrofitting existing plants
- Earn (1) Professional Development Hour (PDH)



**THURSDAY, MARCH 14TH | 10:30AM - 11:30AM**

***"Meeting Low Effluent Total Phosphorus with Pile Cloth Media Filtration"***

- Review how plants typically achieve lower phosphorus levels
- Understand how chemical addition affects phosphorus speciation
- Learn different ways to optimize chemical addition
- Discuss how cloth media filtration design helps plants achieve very low phosphorus levels
- Earn (1) Professional Development Hour (PDH)

**THURSDAY, APRIL 25TH | 10:30AM - 11:30AM**

***"Introduction to AquaNereda® Aerobic Granular Sludge Technology"***

- A general overview of true aerobic granular sludge
- Become acquainted with the operation and overall process
- Featured applications and success stories of North America installations will be presented
- Earn (1) Professional Development Hour (PDH)





**THURSDAY, MAY 9TH | 10:30AM - 11:30AM**

***“How Advanced Primary Treatment With Pile Cloth Media Filtration Can Meet Future Wastewater Facility Challenges”***

- Develop an understanding of the difference between classical primary treatment and advanced primary treatment
- Learn how advanced primary can save operating costs, installation cost, etc.
- Learn about the benefits of advanced primary treatment
- Develop an understanding of advanced primary treatment processes in handling peak flow conditions in the biological treatment train
- Earn (1) Professional Development Hour (PDH)

**THURSDAY, MAY 30TH | 10:30AM - 11:30AM**

***“Technology Introduction: AquaPRS™ PFAS Removal System”***

- Understand the options available for PFAS removal from a range of water streams
- Learn about the AquaPR-206™ PFAS removal micro-sorbent
- Understand the difference between a micro-sorbent and other sorbents presently being used in the market
- Learn how the micro-sorbent process and PFAS removal system reduces operating expenses associated with sorbent replacement
- How the technology can meet the EPA’s new standards
- Earn (1) Professional Development Hour (PDH)



**THURSDAY, JUNE 27TH | 10:30AM - 11:30AM**

***“AquaNereda® Aerobic Granular Sludge: Retrofits and Upgrades”***

- Understand the major process, operational and cost benefits of Aerobic Granular Sludge (AGS) compared to Conventional Activated Sludge (CAS)
- Identify the retrofit and upgrade options for implementing AGS at existing facilities
- Discuss options for reusing existing plant infrastructure
- Several case studies of plants which have incorporated Nereda® using a variety of design approaches
- Earn (1) Professional Development Hour (PDH)

**THURSDAY, JULY 25TH | 10:30AM - 11:30AM**

***“Aqua-Aerobic® MBR Membrane Bioreactor System Batch Treatment”***

- Learn about the batch MBR and the main advantages of the process
- Discover the best applications for batch MBR
- Understand the operational and life-cycle cost advantages
- Learn about the benefits of the Aqua-Aerobic MBR system
- Earn (1) Professional Development Hour (PDH)



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