Looking to the Future - New Innovations in Wastewater Resource Recovery Facility Design and Operations

Dr. Karen Pallansch

Innovation for your water facilities, and provides the best ways to weave a culture of execute innovation, CEO Karen Pallansch and her team have led a number of innovations that solving is a consistent focus. With space constraints on its 35 acre campus, a focus on being new requirements. Innovation in our facilities and operations is driven in large part by our utility’s phosphorus removal is feasible in the mainstream, but also has elucidated challenges (anammox), offer the potential for dramatic savings in energy use relative to conventional N

The presentation will show the latest observations of more than 60 years ago. EBPR happened incidentally at several plants and 8:10 am-8:50 am  The evolution of EBPR over 60 years

Welcome and Introductions

8:00 am-8:10 am

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What who should attend? Wastewater treatment plant managers and operators, process control specialists, designers, regulators, equipment suppliers, and students involved in wastewater treatment and/or nutrient management. Regulatory agency continuing education contact hours will be awarded.

Seminar Location

The seminar will be held at the Menomonie Terrace Convention Center at John Nolen Drive, Madison, Wisconsin.

Accommodations

A limited number of rooms are available at the Best Western Premier York Hotel and the Madison Concourse Hotel in downtown Madison. The Best Western Premier York Hotel (215 W. Capitol Dr.) is about 3.5 miles walking distance from the convention area. Room rates range from $125 to $145 per night. Call 952-798-5010 for reservations and indicate your affiliation with CSWEA. The Madison Concourse Hotel (11 S. Capital Dr.) is about 5 miles walking distance from the convention area. Room rates range from $105 to $125 per night. Call 608-257-6000 for reservations and indicate your affiliation with CSWEA. These hotel rates are available until March 1, 2019.

The MWRDGC’s approach to Resource Recovery is one that has expanded and grown into a public/private partnership (PPP). The PPP enables the fastest route from applied research to implementation of new technologies. The cost of BNR upgrades for a 40 MGD plant is now estimated at greater than 75 million dollars. Districts and municipalities cannot afford to make mistakes and, therefore, must have developed several operational tools for improved nutrient removal and recovery. This presentation will focus on the development and implementation of several of these tools for Resource Recovery Facility Design and Operations.