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OPERATIONS
SEMINAR2020

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DAY 1: SOLIDS MANAGEMENT SEMINAR

12:30 - 12:40 **Welcome / Opening Remarks**

Solids Management Round Table

Cody Schoepke - Superintendent - Fond du Lac Wastewater

12:40 - 1:40

Jared Greeno - Wastewater Treatment Superintendent - La Crosse Utilities

Warren Howard - Operations Manager - Marinette Water & Wastewater Utility

Todd MacMillian - Biosolids O&M Supervisor, Western Lake Superior Sanitary District

1:40 - 2:15

DNR Update on the Development of Water Quality Standards, Available PFAS DATA, and Bio Solids Management

By: Jason Knutson - Wisconsin DNR

Jason will share the latest WDNR regulatory updates related to PFAS.

2:15 - 2:30

Break

2:30 - 2:50

Bio Solids and PFAS

By: Sherry Bock - MPCA

Sherry will share the latest MPCA regulatory updates related to PFAS.

2:50 - 3:30

Bull Session - Moderated Open Discussion

SEMINAR INFORMATION

FEE:

\$40 for the two day seminar.

LOCATION:

Due to COVID-19, the seminar has been transitioned to a virtual format.

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DAY 2: WET WEATHER MANAGEMENT SEMINAR

12:30 - 12:40 Welcome / Opening Remarks

Wet Weather Storage / Equalization - Operations and Design

By: Keith Haas - Racine Utilities, Rusty Schroedel - AECOM

12:40 - 1:15

Wet weather wastewater operations can be significantly improved by the use of storage or equalization in the collection system and at the treatment plant. This presentation will discuss wet weather storage operations from a Utility perspective and then design considerations for flow equalization, citing examples of a variety of storage options.

Advanced, High-Rate Wastewater Treatment System for Sewer Overflow Elimination

By: Paige Peters - Rapid Radicals Technology

1:15 - 1:50

Rapid Radicals Technology, LLC, Marquette University, and the Milwaukee Metropolitan Sewerage District (MMSD) have formed a strong collaboration for the preliminary research and development, construction, and operation of an advanced, high-rate treatment system (AH-RTS) currently being piloted at MMSD's South Shore Water Reclamation Facility in Oak Creek, WI. The AH-RTS combines high-rate technologies including chemically enhanced primary treatment (CEPT) and advanced oxidation processes (AOPs), the characteristics of which are ideal for wet weather flow treatment. This presentation will discuss pilot results and provide an update on technology commercialization status.

1:50 - 2:05

Break

Testing, Design and Full-Scale Operations of the First Installed Pile Cloth-Media Disk Filters for Combined Tertiary & Wet Weather Treatment

By: Steve Gress - Donohue & Associates

2:05 - 2:40

An automated cloth-media disk filter pilot test system was installed at the Rushville Wastewater Treatment Plant (WWTP) in April of 2015 and a pilot test program was conducted for five (5) rain events during which CSO discharges occurred between May 16 and July 13, 2015. The results of this pilot testing were submitted to the Indiana Department of Environmental Management (IDEM) and acceptance was given by IDEM to the City of Rushville on March 17, 2015 to prepare a design utilizing the cloth-media disk filters as part of a treatment system for CSO discharges.

2:40 - 3:00

Operator Certification and Training Update - Illinois, Minnesota and Wisconsin

3:00 - 3:35

Bull Session - Moderated Open Discussion

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