

## Calendar of Events

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May 15, 2019  
- May 15, 2019

### **Boots on the Ground PWO – NTP Edition**

**Northern Treatment Plant**

**51 E. Baseline Rd**

**Brighton, CO 80603**

*Course name: Boots on the Ground PWO – NTP Edition*

*Presenting facility-specific wastewater treatment technology from a real-life Operations perspective*

*RMWEA is sponsoring the launch of a new PWO event: “Boots on the Ground”, where we explore the practical application, troubleshooting, and personal experience of wastewater treatment technology from the Operations perspective. The event will encompass presentations made by the Operators and Inline Instrument Specialists who work with the equipment and processes on a daily basis. We will discuss the process theory, history of operating the process and/or equipment, modifications needed for real-life application and/or changing conditions, and all the ingenious troubleshooting made by O&M and Inline staff. We will follow up presentations and discussions with field visits of the actual process at the plant, to get a real ‘boots on the ground’ view. Networking and question/answer sessions are also encouraged, to help us all learn as a regional community.*

*The NTP Edition will be held at the Metro Wastewater Reclamation District’s new 4.2 avg MGD/28.8 rated MGD facility, the Northern Treatment Plant, to discuss the startup, operation, and troubleshooting of several key systems of the plant: Secondary treatment (5-stage bardenpho with step-feed, and 100% SWAS), Tertiary treatment (flocculation/sedimentation using alum + coarse sand filtration), Post-Aerobic Digestion (mitigating sidestream nitrogen and phosphorus loading), and an overview of the inline instrumentation systems of the plant (which makes it all possible).*

*We are asking to limit attendance to municipal wastewater treatment plant field workers and supervisors. The launch of this PWO series is an effort to connect field workers to share real-life operational experience of wastewater treatment.*

February 21, 2019

### **Industrial Wastewater Committee Tour, LePrino Wastewater System**

**LePrino**

**1133 Ash Ave.**

**Greeley, CO**

*1:00 tour of the LePrino Wastewater Treatment System*

February 21, 2019

**TAC Luncheon February 2019**

**AWWA**

**6666 West Quincy Avenue**

**Denver, CO 80235**

*Hot off the Press: Recent Advancements in Water Treatment*

*Thursday, February 21st, 2019*

*This month's presentation will be a "tag-team" by Charlie Liu, Carolyn Coffey and Kate Newhart. Charlie, Carolyn, and Kate are all PhD students at the Colorado School of Mines in the Civil and Environmental Engineering department, each representing a major water/wastewater treatment research lab on campus.*

*Charlie Liu will be discussing per and polyfluoroalkyl substances (PFASs) treatment in groundwater including a brief overview on PFASs, treatment technologies currently used and researched, and results from pilot scale case studies with granular activated carbon (GAC) and nanofiltration (NF) membranes in contaminated and spiked waters. Carolyn Coffey will present her work on energy-positive, anaerobic treatment of municipal wastewater including how anaerobic organic removal with simultaneous partial-nitrification anammox (PN/A) can be achieved in a pilot-scale primary/secondary anaerobic reactor for energy generation. Kate Newhart will discuss the use of big data in municipal wastewater including a case study of statistical process control to detect treatment faults in a sequencing batch membrane bioreactor.*

*Directions:*

*The luncheon will be held at AWWA at 6666 W. Quincy Ave, Denver. From Hwy 285 (W. Hampden Ave) exit Sheridan Blvd. Turn right onto W. Quincy Ave. Turn right at the entrance to the AWWA campus (Pierce Street), and proceed to the south side of the building. Enter through the south (visitor) entrance and proceed upstairs to the Lynn Laskey Center. Visitor parking is available on the south and west sides of the building.*

*Registration: JTAC Registration: Registration and payment for JTAC luncheons is handled on line at: JTAC Luncheon*

*Registration:*

*Registration may be made for a single attendee or for multiple attendees in a party. It will still be necessary to check in at the luncheon. Lunches will be based on the head count per the registration site. Please do not attempt to show up without registering in advance. If you are unable to pay on line, please contact Steve Polson (720?286?5376, [steve.polson@jacobs.com](mailto:steve.polson@jacobs.com)) to make arrangements for paying with check or cash. The registration deadline for this event is Wednesday, February 20th, at 10:00 AM MST. Please be aware that with the new registration procedure, late registrations will not be accepted as in the past. This will enable us to avoid having to purchase extra lunches to allow for potential late?comers. Check?in at the site is from 11:30 am to 12:00 pm. The presentation will begin shortly thereafter. Registration fees are \$20 for AWWA or WEF members, \$25 for nonmembers, and \$15 for Students and Retired Members.*

March 1, 2019

**RMWEA Board Meeting**

**City of Westminster**

**6575 W. 88th Avenue**

**Westminster, Co 80031**

8:00 AM to 11:00 AM

Ceila Rethamel, 3037260636

crethame@cityofwestminster.us

*8:00 - 9:00 AM Committee Spotlight*

*9:00 - 11:00 AM RMWEA Board Meeting*

April 5, 2019

**RMWEA Board Meeting**

**City of Westminster**

**6575 W. 88th Avenue**

**Westminster, Co 80031**

8:00 AM to 11:00 AM

Ceila Rethamel, 3037260636

crethame@cityofwestminster.us

*8:00 - 9:00 AM Committee Spotlight*

*9:00 - 11:00 AM RMWEA Board Meeting*

April 15, 2019

- April 19, 2019

April 18, 2019

- April 19, 2019

**Intermediate and Advanced School**

**New Mexico Water Workshop**

**Marriott Pyramid North Conference Center**

**5151 San Francisco Rd NE**

**Albuquerque, NM 87109**

8 AM to 5 PM on April 18 and 8 AM to 4 PM on April 19

Jill Peterson, 505-855-5246

Jill.Peterson@jacobs.com

*2019 New Mexico Water Workshop*

*"Water Portfolio: Then, Now, Tomorrow"*

*Whether driven by growing demand, regulatory changes, dwindling supply, drought, wildfires or other natural disasters, or technological advances in water reuse, many water providers are seeking ways to diversify their water portfolios to meet those changing conditions. Plan to attend and learn more about water portfolios and other relevant topics.*

May 3, 2019

**RMWEA Board Meeting**

**City of Westminster**

**6575 W. 88th Avenue**

**Westminster, Co 80031**

8:00 AM to 11:00 AM

Ceila Rethamel, 3037260636

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*8:00 - 9:00 AM Committee Spotlight*

*9:00 - 11:00 AM RMWEA Board Meeting*

June 3, 2019

**2019 Operations Challenge Golf Tournament**  
**Todd Creek Golf Club**  
**8455 Heritage Drive**  
**Thornton, co 80602**

*20th Annual Operations Challenge Golf Tournament*  
*Check in Opens at 7:00 AM*  
*Shotgun start at 8:30 AM*  
*Banquet 1:30 - 3:30 PM*

June 7, 2019

**RMWEA Board Meeting**  
**City of Westminster**  
**6575 W. 88th Avenue**  
**Westminster, Co 80031**

8:00 AM to 11:00 AM  
Ceila Rethamel, 3037260636  
crethame@cityofwestminster.us  
*8:00 - 9:00 AM Committee Spotlight*  
*9:00 - 11:00 AM RMWEA Board Meeting*

July 11, 2019  
- July 12, 2019

**Summer Planning Meeting**

**TBD - Glenwood Springs**  
1:00 PM Thursday to 3:00 PM Friday  
Ceila Rethamel, 3037260636  
crethame@cityofwestminster.us  
*Summer Planning Meeting*

August 2, 2019

**RMWEA Board Meeting**  
**City of Westminster**  
**6575 W. 88th Avenue**  
**Westminster, Co 80031**

8:00 AM to 11:00 AM  
Ceila Rethamel, 3037260636  
crethame@cityofwestminster.us  
*8:00 - 9:00 AM Committee Spotlight*  
*9:00 - 11:00 AM RMWEA Board Meeting*

September 6, 2019

**RMWEA Board Meeting**  
**City of Westminster**  
**6575 W. 88th Avenue**  
**Westminster, Co 80031**

8:00 AM to 11:00 AM  
Ceila Rethamel, 3037260636  
crethame@cityofwestminster.us  
*8:00 - 9:00 AM Committee Spotlight*  
*9:00 - 11:00 AM RMWEA Board Meeting*