



51st Annual Meeting
Hotel Eugene in Eugene, Oregon
March 19-21, 2019

Meeting Minutes

Tuesday March 19, 2019

- The conference was opened by 2019 WRBA Chair Ron Vandeburgh
- Introduction of Attendees and Steering Committee
- Legal Presentation and Financial Report were given by WRBA Treasurer Greg Wiggins
- Review of Agenda / Announcements were given by WRBA Event Manager Lisa Harvey-Boyd

Click on the **red** links to open the presentations in .pdf format, click the **blue** links to go to the company websites.

Presentation #1 [Columbia Water Technologies:](#)
[*"General Water Pretreatment"*](#)

Presentation #2 [Newterra:](#)
[*"Installing new Reverse Osmosis and EDI system at Kettle Falls"*](#)

Presentation #3 [Nalco Water:](#)
[*"Metallurgical Failures and Causes"*](#)

Presentation #4 [Evoqua Water Technologies:](#)
[*"Industrial Wastewater Treatment"*](#)

Presentation #5 [Mechanical Dynamics & Analysis:](#)
[*"Modern turbine control and extraction valve actuation"*](#)

Wednesday March 20, 2019

Presentation #6 [Zeeco, Inc:](#)

"Flame Scanners and Burner Management"

Presentation #7 [Evergreen Engineering:](#)

"Arc Flash"

Presentation #8 [Rogers Machinery Co. Inc.:](#)

"Air Compressors"

Presentation #9 [Babcock & Wilcox:](#)

"Eight Simple Rules for Troubleshooting an Electrostatic Precipitator"

Presentation #10 [Ramboll](#)

"The Latest Air Regulations"

The afternoon was spent touring the University of Oregon boiler systems.

Thursday March 21, 2019

Presentation #11 [Detroit Stoker Company:](#)

"Fuel-Biomass Boilers: Combustion and Fuel Management"

Presentation #12 [Frost Engineering Service Co-NW:](#)

"Good Practices in Boiler Level Instrumentation"

Presentation #13 [Coffman Engineers, Inc.:](#)

"Diagnosis and Correction of Forced Draft Fan Vibration at Eastern Washington University Boiler #5"

Presentation #14 [Beckwith & Kuffel:](#)

"Pump Hydraulic Fundamentals"

Presentation #15 [Gecko Robotics:](#)

"Inspection and Preventive Maintenance for Boilers"

Next year's conference date/location were announced: March 31-April 2 at the Coeur 'd Alene Resort in Coeur 'd Alene, Idaho. Members were reminded that they should fill out and turn in the forms for "Presentation Ideas" for our 2020 conference. Annual conference was adjourned.

Respectfully Submitted by Lisa Harvey-Boyd

