



MEETING NOTES: Annual Meeting

WaterReuse Colorado / RMWEA/RMSAWWA Joint Water Reuse Committee

January 4, 2018 -- 1 – 3pm

Plum Creek Water Reclamation Authority
4255 N US Highway 85, Castle Rock, CO 80108

- **Introductions & Welcome (Brenley McKenna)**

1:00-1:05

1. Brenley McKenna (Water Research Foundation)
2. Allegra da Silva (Stantec)
3. Damian Higham (Denver Water)
4. David Takeda (MSK Consulting)
5. Caroline Miller (Tetra Tech)
6. Donene Dillow (Colorado Springs Utilities)
7. Laura Belanger (Western Resource Advocates)
8. Greg Bachman (Bachman H2O Consulting)
9. Jeff Prink (Denver Parks & Recreation)
10. Will Raatz (W2E)
11. Frank Johns (Tetra Tech)
12. Mike Waresak (Forsgren)
13. Bret Eastberg (City of Westminster)
14. Kirk Watson (Aurora Water)
15. Steve Ravel (Mott MacDonald)
16. Phil Brandhuber (HDR)
17. Bob Jurenka (Reclamation)
18. Jason Assouline (CH2M)
19. Shannon Spurlock (Denver Urban Gardens)
20. Lillian Gonzalez (CDPHE)
21. Austa Parker (Carollo)
22. Other participants on the phone (John Rehring, Liz Lemonds, and others)

- Overview of WRCO

- **2018 Overview** **1:05-1:20**
 - Review strategic plan
 - Review proposed calendar & proposed locations (see bottom)
 - Identify topic and speaker for May 3rd, July 12th, and September 6th meetings

- **Leadership – Voting** **1:20-1:35**
 - Incoming President (1 year term)
 - Allegra da Silva
 - Incoming Secretary (automatically succeeds to President role after 1 year)
 - Jason Assouline
 - Incoming Treasurer (2 year term)
 - Kirk Watson
 - National Representative to WaterReuse Association (3 year term; can serve 2 consecutive terms; 5 meetings a year; travel expenses are covered by WRCO up to \$3k annually; most meetings are Saturdays/Sundays)
 - Donene Dillow
 - Joint Reuse Committee Chair
 - Brenley McKenna
 - Trustees (term is duration of membership; utilities are automatically Trustees) and At-Large Trustees (3 year term; there must be 3 At-Large Trustees, no defined maximum)
 - Renominations – Dave, Laura, Frank, remove Jodi
 - See bylaws for more info: <https://watereuse.org/wp-content/uploads/2015/09/Strategic-Direction-Colorado-Bylaws-2014.01.17.pdf>
 - Vote
 - Damian Higham moved to approve the panel of nominees
 - Will Raatz seconded
 - All were in favor (unanimous)

- **Water Reuse Legislation** **1:35-2:00**

- Expect a bill to be carried forward for agriculture reuse – similar to language of October 31
- People interested in the topic can join the subcommittee – contact Laura Belanger
- **INVITED SPEAKER: ASCE Sustainability – Stephen Fisher** **2:00-2:30**
 - American Society of Civil Engineers has Canon #1 which incorporates sustainable development
 - Strategic issue: Transform the profession so that all civil engineering is sustainable
 - Overview of Envision rating systems
 - WEF fact sheet on the use of Envision in water projects
 - Invitation to participate in ASCE Sustainability committee
- **CDPHE-WQCD Items** **2:30-2:45**
 - TDS update (Brandi Honeycutt & Lillian Gonzalez)
 - Thursday March 29th in the morning – stakeholder meeting
 - In the 2016 CDPHE held an informational hearing and committed to the Commission that it would address TDS in some way; concerns about TDS statewide were raised by stakeholders (especially agricultural users of groundwater); similar concerns have been raised in stakeholder meetings in 2017 as part of the Reg 84 review process that Denver Water has been leading through the Colorado Water Quality Forum
 - CDPHE is not planning to introduce changes for the August 2018 rulemaking hearing regarding TDS; Explore whether future changes to Reg 84 might be include provisions for examining TDS; Exploring management practices approach with users
 - Toilet flushing and indoor marijuana cultivation update – proposed changes to Reg 84
 - Technical report to be released soon by Denver Water
 - Edible crops
 - Will, Dave, client, met with the Division – their client has agreed to be the proponent for edible crop irrigation – want homeowners to be able to irrigate vegetable gardens – seeking Category 3
 - Not “dead” but not happening this year through the triennial review process – have a utility and proponent that would like this to happen – they are investing some resources – we’re working with the Division to look at what would be needed

- Need a robust stakeholder process – so targeting 2019 perhaps
 - Setting up another meeting to discuss what it would look like going forward
 - Planning to meet with Chris Piper to discuss the potential legislation and discuss with Representative Arndt on the sidelines of Colorado Water Congress this month – get a sense of how she sees the legislative approach happening
- **Other updates** **2:45-2:55**
- WateReuse Association (WRA) (national) (Donene Dillow)

National Outreach

1. Spent a considerable amount of time on this update due to impacts the Trump administration is having.
2. As of the meeting Tax Reform was still under discussion. Major points are
 - a. Tax exempt status for water infrastructure loans would be maintained
 - b. Appropriations bills (SRF, Title XVI) would keep current funding
 - c. No tax incentive for private/public partnerships for water sector projects was included in the tax reform bill – seeking to put it back in if there’s a revision to the tax bill
3. WateReuse was invited to participate in a White House sponsored stakeholder meeting. Pat Sinicropi and others attended.
4. Capitol Hill looking for “guidance” on development of infrastructure investment package. WRA has and wants to continue to provide input on this package.
 - a. Package currently has 3 major themes:
 - i. Innovative Projects
 - ii. Emphasis on public/private partnerships
 - iii. Facilitation of projects through regulatory reform
 - b. WRA wants to assist in this development in the following manner
 - i. Emphasize that infrastructure includes water and wastewater, ensure individuals in government understand that this package scope should not just be roads, bridges etc.
 - ii. Currently it looks like bill will include earmarked funds for rural projects. WRA perform outreach to these communities to “tee up” there projects so they are ready to apply for funds.

Budget

1. 2017 WRA operated at a deficit. This is not sustainable therefore changes are being proposed to ensure this does not occur again.
 - a. Dues schedule has been modified.
 - b. Symposium fees and sponsorship opportunities have been modified.
 - c. Nonmember webcast fee increased.

Governance Manual updates

1. Many of the proposed changes were due to the separation of WRA and WEF.
2. Two of the draft policies require additional modifications based on Board feedback. These modifications will be completed prior to the next board meeting.
 - a. Dues allocation policy – strike Super, just reference Section

- b. Procurement policy – sole source guidelines will include approval by directors and a dollar limit will be added (\$2500) to determine what guidelines need followed.

ACTION: Put board book in WRCO Drop Box

- Graywater Non-Traditional Uses (Tara Kelley) – no update
- WRA Industrial Reuse Committee (Abbey Antolovich or Donene Dillow) – no update
- Statewide Water Supply Initiative (Laura Belanger) – no update
- Water Environment Federation (WEF) / Rocky Mountain Water Environment Association (RMWEA) (Damian) – no update
- WEF Water Reuse Committee Update (Frank Johns) – no update
- The Water Research Foundation (Brenley McKenna)
 - Merger has occurred
 - May conference – Atlanta – research conference – registration should open soon – on integrated water management and water reuse
 - 2019 – research programs merge between the former WE&RF and WRF
- American Water Works Association (AWWA) Water Reuse Committee Updates (Alex Gerling)
 - Rates and Charges committee put forward a project to be funded for \$32,000 – leading business practices for water reuse pricing – RFP coming out - will close on Feb 9
 - Jan 22-23 Austin – International Symposium on Potable Reuse
- ISO Water Reuse Committee Overview and Highlights (Alex Gerling)
 - ISO – just voted on terminology
- Members’ press, outreach events & speaking engagements
- **WRCO Business Items** **2:55 – 3:00**
 - WRCO Treasurer’s Report for this Month (Jason Assouline); approved November 2017 minutes and financials
 - Event on new uses
 - Potable and non-potable reuse
 - Invite out of state speakers

- Seeking sponsors
- Potentially host at the School of Mines – summer when not in session
- Reuse 101 track and technical/research track
- Jason, Brandi, Brenley, Dave, Allegra, Laura, Austa = planning committee

- DPR Pilot
- Scholarships – Shannon Spurlock volunteered
- Other

- **Adjourn** **3:00**

2018 Membership Meetings

Locations to consider –

1. Aurora municipal center (historic meeting location)
2. Plum Creek WRA (historic meeting location)
3. Water Research Foundation in Lakewood (good technology)
4. Red Rocks Community College
5. Binney WTP (contact Kirk Watson)
6. CDPHE
7. Colorado School of Mines
8. Denver Water Recycling Plant – note that in April, the DPR demo will be onsite (contact Russ Plakke)
9. WQCC meeting on western slope (find out when this is?)

Schedule –

First Thursday of odd months of the calendar (except shifted in July due to the July 4th holiday)

Format –

- Membership items
- Technical presentation
- Tour (if possible)

Other potential meeting technical presentations –

- USACE/USBR funding for water reuse
- College/University topics (CU Boulder, Colorado School of Mines, Metro State One World One Water Center & collaboration with Denver Botanic Gardens (Jennifer Riley-Chetwynd and Thomas Cech), CSU)
- Flint crisis and what it means for recycled water industry
- Stephen Fisher – Colorado Section ASCE Sustainability Committee – make a connection with the group to see what overlap and interest there might be in members
- Interesting drivers/barriers for reuse in Colorado (member perspectives)
- Please contact Allegra da Silva (allegra.dasilva@stantec.com) with ideas for future meeting content.

Date	Proposed Location & Time	Topic(s) and speaker(s)
January 4, 2018	Plum Creek 11:30-1pm	Brown bag on DPR project (Austa Parker & John Rehring)
January 4, 2018	Plum Creek 1-3pm	Official Annual Meeting (vote on leadership) Legislative process (Laura Belanger to identify speaker) Get an update on industrial reuse following WaterReuse board meeting (Donene Dillow)
February 2018	TBD	CWCB Water Plan Grant funding proposal – hold a scoping meeting
March 1, 2018	Denver Water Recycling Plant	Membership meeting

Date	Proposed Location & Time	Topic(s) and speaker(s)
	Meeting: 1-3 pm	Scholarships and Awards (Tara/Abbey) WE&RF IAT research themes (Allegra) CWCB Grant Workshop planning Tour (attendance may be limited)
March/April 2018 or later	WRF HQ (?)	Event (workshop) in March/April timeline that focuses on technical and policy issues in water reuse and involves Division and Commission members
May 3, 2018	Plum Creek 1-3pm	Membership meeting Workshop readout WRCO scholarships recipients (Kate Newhart and Emily Gustafson, Colorado School of Mines)
June 11, 2018	Salida	Consider outreach event on the tails of the WQCC meeting on 6/11/18 in Salida or 11/13/18 in Frisco? Confirm schedule with WQCC.
July 12, 2018	Binney WTP 1-3pm	Membership meeting Tour
August 22 – 24, 2018	Colorado Water Congress – Hotel Talisa (Vail, CO)	Consider organizing a session
September 6, 2018	Red Rocks Community College 1-3pm	Membership meeting Awards ceremony Tour
November 1, 2018	Plum Creek 10 – 3pm	Strategic planning meeting Membership meeting

Upcoming Conferences in the Industry – needs to be updated – volunteer = Alex Gerling

Title	Organization	Location	Start date	Website
2018 Emerging Contaminants Summit	?	Westminster, CO	3/6/2018	http://www.contaminantssummit.com/
2018 Membrane Technology Conference and Exposition	AWWA/AMTA	Palm Beach County, FL	3/12/2018	https://www.awwa.org/conferences-education/conferences/membrane-technology.aspx

2018 WateReuse CA Annual Conference	WateReuse CA	Monterey Bay, CA	3/25/2018	https://watereuse.org/news-events/conferences/california-annual-conference/
2018 WE&RF Research Conference	WE&RF	Atlanta, GA	5/06/2018	http://www.werf.org/2018researchconference
2018 Pacific Northwest Annual Conference	WE&RF	Portland, OR	05/17/2018	https://watereuse.org/news-events/conferences/watereuse-pacific-northwest-annual-conference/
2018 WEF Reuse and Disinfection Symposium	WEF	Portland, OR	07/29/2018	https://www.wef.org/events/conferences/upcoming-conferences/disinfectionreuse/
2018 Annual Symposium	WE&RF	Austin, TX	09/09/2018	https://watereuse.org/news-events/conferences/annual-watereuse-symposium/