



## MEETING MINUTES

WaterReuse Colorado / RMWEA/RMSAWWA Joint Water Reuse Committee

**March 1, 2018**

Denver Water Recycling Plant  
5650 York St. (near Brighton Blvd.)  
Commerce City, CO 80022

Remote meeting access from your computer, tablet or smartphone  
(hosted by Damian Higham at Denver Water):

[Join Skype Meeting](#)

You can also dial in using your phone:

(303) 628-6875

Access code: 6474583

**12 – 1pm**

Tour of the Denver Water Recycling Plant

**1 – 3 pm**

WRCO Membership Meeting – open to all

Social Media Info:

<https://watereuse.org/sections/watereuse-colorado/>

Facebook: [watereusecolorado](#)

Twitter: [WaterReuseCO](#)

Linkedin: [groups/8230476](#)

## Membership Meeting

- **Introductions & Welcome (Laura Belanger)**

- a. Attendees

- Bret Eastberg (City of Westminster)
- Bob Jurenka (Bureau of Reclamation)
- Donene Dillow (Colorado Springs Utilities)
- Tara Kelley (Colorado Springs Utilities)
- Jason Assouline (Jacobs)
- Brandi Honeycutt (CDPHE)
- Laura Belanger (Wester Resources Advocates)
- Will Raatz (W2E)
- Mike Waresak (Forsgren)
- Shannon Spurlock (Denver Urban Gardens)
- Alex Gerling (AWWA)
- Kirk Watson (Aurora Water)
- Jason Kerstiens (Geosyntec)
- Wes Martin (PCWRA)
- Dave Takeda (MSK)
- Daniela Castaneda (Stantec)
- Austa Parker (Carollo)
- Damian Higham (Denver Water)
- John Rehring (Carollo)
- Frank Johns (Tetra Tech)
- Ryan Rhoades (Hazen and Sawyer)

- a. New WRCO Members

- Bachman H2O Consulting

- a. Overview of WRCO

- President (1 year term 2018-2019) – Allegra da Silva
- Secretary (1 year term 2018-2019; automatically succeeds to President role after 1 year) – Jason Assouline
- Treasurer (2 year term 2018-2020) – Kirk Watson

- National Representative to WaterReuse Association (3 year term; can serve 2 consecutive terms; 5 meetings a year) – Donene Dillow
  - Joint Reuse Committee Chair – Brenley McKenna
  - See bylaws for more info: <https://watereuse.org/wp-content/uploads/2015/09/Strategic-Direction-Colorado-Bylaws-2014.01.17.pdf>
- **WRCO Business Items**
    - a. WRCO Treasurer’s Report for year to date (Kirk Watson) – Income to date is as-expected and overall balance is ~\$107,000.
    - b. Approved January 2018 minutes and financials
- **Vision, mission, values, and SWOT analysis (Will Raatz)**
    - Maintained much of the wording developed by WRA, with some modifications to make each topic phrased in a more active voice and tailored to be Colorado-focused.
      - a. The group discussed a variety of comments and potential modifications.
    - The mission/vision/values is **included with the meeting minutes for additional comment.** The next steps will be to update the document, approve at a subsequent meeting, and develop goals and initiatives to align with the mission/vision/values.
- **Colorado DPR projects**
    - Phase I project
      - a. Update – The last workgroup meeting is 3/19/18.
      - b. PureWater Colorado demonstration project has been commissioned and tours will be conducted between 3/20 and 4/20. A press release will be issued on 3/20 and Denver Water will conduct a tour for the media on that day.
        - i. A fact sheet will be distributed to WRCO to guide any potential conversations or discussions pertaining to the demonstration project.
        - ii. Declaration Brewing is producing beer from the demonstration project for Denver Water Centennial celebration.
        - iii. There was discussion of having multiple batches of wine (a batch is 28 bottles) to be made by Inventions Winery. The water production run for the making of wine could occur in early April.
          - 1. Dave and Austa will lead a sub-committee to develop a summary of the concept and solicit sponsors and to discuss ideas for WRCO events and other forums in which we could incorporate the wine.
          - 2. Vote to approve \$10,000 of WRCO funds that are needed up front to fund the water quality analysis, transportation of water, and making of 10 batches of wine (280 bottles). The sub-committee will then solicit

sponsorship that would reimburse WRCO and proceeds would contribute to WRCO scholarship funds. Half of the sponsored bottles would go to the sponsors and half would go to WRCO to be used at future events and other forums.

- DPR Phase II project and CWCB Water Plan Grant funding (Laura Belanger)
  - a. Update – funding is officially approved and the notice to proceed has been issued. This phase of the project will be kicking off in the very near future. There will be 4 independent advisory panel meetings (to be held in Denver).
  
- **WRCO Scholarships and Awards (Tara/Abbey/Shannon)**
  - Update and timeline – Two \$1,500 scholarships are made available every year for students pursuing studies related to water reuse. The announcement has not been issued yet, but needs to be distributed prior to the end of the spring semester.
  - Voted to add a new \$1,500 scholarship specifically for operators pursuing studies in water and wastewater operations. This will be an annual scholarship to be offered by WRCO.
  - Denver Water will be offering three (3) \$2,000 scholarships.
  - Proceeds from the sales of the beer made from the DPR Demonstration will also be allocated for scholarships. This is anticipated to be at least \$12,000 for future scholarships, to be administered through WRCO.
  - Outreach was discussed because there has traditionally been a limited number of applicants for the scholarships. All WRCO members discussed a renewed focus on spreading the word for these scholarships targeting key schools (Red Rocks, Emily Griffith, Ft. Collins school, Pikes Peak)
  - It was also discussed that scholarships could focus on funding school programs for younger students (high school and younger) that are learning about water reuse. Funding would be awarded to the teachers for these programs.
  
- **National Water Policy Fly-In**
  - WaterWeek is April 15-21 in Washington, DC and WateReuse has many activities planned. The WateReuse Board of Directors is meeting Tuesday morning, April 17th. This will be followed by the Tuesday afternoon start of the National Water Policy Fly-in which continues thru Wednesday, April 18th with meetings on Capitol Hill and an evening Congressional Reception at the Library of Congress. Please plan to join us beginning Tuesday morning for the Board of Directors meeting and remain at least through Wednesday evening's Congressional Reception.
    - a. A motion passed to provide up to an additional \$1,500 to support Donene's expenses associated with staying for the Policy Fly-in.

- **Water reuse legislation update (Laura Belanger, Dave Takeda, or Frank Johns)**
  - The edible crops legislation has passed out of the committee with strong support and is going to the 3<sup>rd</sup> reading (official vote) in the House. Next it will go to the Senate and if it passes will go to the Governor to sign. It is anticipated that the official passing of the legislation could occur in the next 3-4 weeks based on the initial support. Three other bills passed out of committee and have been referred to appropriations.
  
- **CDPHE-WQCD Items**
  - Division update (Brandi Honeycutt)
    - a. Lilian Gonzalez has resigned from CDPHE and they are looking for a replacement.
  - TDS update (Brandi Honeycutt)
    - a. The Water Quality Control Division has decided to postpone the stakeholder process for evaluating the impacts of TDS in reclaimed water to the environment. The division will keep stakeholders informed regarding when the TDS stakeholder process will begin. Please contact Brandi Honeycutt ([brandi.honeycutt@state.co.us](mailto:brandi.honeycutt@state.co.us)) if you have any questions or concerns.
  - Reg 84 rulemaking hearing process update (Brandi Honeycutt and Damian Higham)
    - a. This is ongoing in coordination between Denver Water and CDPHE.
    - b. Reg. 100 Facility Classification updates – 1/24/18 meeting held to discuss updates and clarifications for reclaim water treatment and distribution facilities. This will include evaluating the operator training and certifications needed to operate various reuse facilities. <https://www.colorado.gov/cdphe/wq-reg100-facility-classification>
  
- **Project contracting and management**
  - No discussion – pick up at next meeting
  
- **Water Reuse Workshop or Symposium (Brenley/Brandi)**
  - Work has not started on the planning yet.
  
- **Colorado Water Congress**
  - No discussion – pick up at next meeting
  
- **YP outreach**
  - No discussion – pick up at next meeting
  
- **RMS American Water Works Association / RM Water Environment Federation student chapter conference May 14th at Colorado School of Mines – (Damian Higham)**

- WRCO voted to approve \$750 for a gold level sponsorship for this event.
- This event will be a great opportunity to promote the WRCO Scholarships.
- **Other updates**
  - a. No discussion on other topics – pick up at next meeting
    - WaterReuse Association (WRA) (national) (Donene Dillow)
    - Graywater Non-Traditional Uses (Tara Kelley)
    - WRA Industrial Reuse Committee (Abbey Antolovich or Donene Dillow)
    - Statewide Water Supply Initiative (Laura Belanger)
    - Water Environment Federation (WEF) / Rocky Mountain Water Environment Association (RMWEA) (Brenley)
    - WEF Water Reuse Committee Update (Frank Johns)
    - The Water Research Foundation (Brenley McKenna)
    - American Water Works Association (AWWA) Water Reuse Committee Updates (Alex Gerling)
    - ISO Water Reuse Committee Overview and Highlights (Alex Gerling)
    - Members’ press, outreach events & speaking engagements – we are keeping a list for 2018
- **Adjourn** **3:00**

**2018 Meetings**

<b>Date</b>	<b>Proposed Location &amp; Time</b>	<b>Topic(s) and speaker(s)</b>
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 1-3pm	Membership meeting Scholarships and Awards (Tara/Abbey) WE&RF IAT research themes (Allegra) CWCB Grant Workshop planning Tour
Q2	WRF HQ (?)	Event (workshop) in Q2/Q3 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 10, 2018 NOTE: NEW DATE (formerly July 12)	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 10am – 3pm	Strategic planning meeting Membership meeting

Potential future topics for invited speakers:

- USACE/USBR funding for water reuse (Yuliana Porrás-Mendoza or Bob Jurenka)
- 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

- Interesting drivers/barriers for reuse in Colorado (member perspectives)
- Other?

### Upcoming Conferences in the Industry

Event	Organization	Location	Dates	Website
Membrane Technology Conference & Exposition	AWWA/ AMTA	West Palm Beach, FL	March 12-16, 2018	<a href="https://www.awwa.org/conferences-education/conferences/membrane-technology.aspx">https://www.awwa.org/conferences-education/conferences/membrane-technology.aspx</a>
Sustainable Water Management Conference	AWWA	Seattle, WA	March 25-28, 2018	<a href="https://www.awwa.org/conferences-education/conferences/sustainable-water-management.aspx">https://www.awwa.org/conferences-education/conferences/sustainable-water-management.aspx</a>
Collection Systems Conference	WEF	Virginia Beach, VA	April 8-11, 2018	<a href="https://www.wef.org/events/conferences/upcoming-conferences/collectionsystems/">https://www.wef.org/events/conferences/upcoming-conferences/collectionsystems/</a>
Water Research Foundation Conference	WRF	Atlanta, GA	May 6-8, 2018	<a href="http://www.werf.org/2018researchconference">http://www.werf.org/2018researchconference</a>
Residuals and Biosolids Conference	WEF	Phoenix, AZ	May 15-18, 2018	<a href="https://www.wef.org/events/conferences/upcoming-conferences/residualsbiosolids/">https://www.wef.org/events/conferences/upcoming-conferences/residualsbiosolids/</a>
ACE	AWWA	Las Vegas, NV	June 11-14, 2018	<a href="https://www.awwa.org/conferences-education/conferences/annual-conference.aspx">https://www.awwa.org/conferences-education/conferences/annual-conference.aspx</a>
Nutrient Removal and Recovery Conference	WEF	Raleigh, NC	June 18-21, 2018	<a href="https://www.wef.org/events/conferences/upcoming-conferences/nutrients/">https://www.wef.org/events/conferences/upcoming-conferences/nutrients/</a>
Disinfection and Reuse Symposium	WEF	Portland, OR	July 29-31, 2018	<a href="https://www.wef.org/events/conferences/upcoming-conferences/disinfectionreuse/">https://www.wef.org/events/conferences/upcoming-conferences/disinfectionreuse/</a>
Annual WaterReuse Symposium	WaterReuse	Austin, TX	September 9-12, 2018	<a href="https://watereuse.org/news-events/conferences/annual-watereuse-symposium/">https://watereuse.org/news-events/conferences/annual-watereuse-symposium/</a>
Rocky Mountain Joint Annual Conference	RMSAWWA and RMWEA	Denver, CO	September 16-19, 2018	<a href="http://www.rmsawwa.org/page/AnnualConference">http://www.rmsawwa.org/page/AnnualConference</a>
WEFTEC	WEF	New Orleans, LA	September 29 - October 3, 2018	<a href="https://www.weftec.org/">https://www.weftec.org/</a>
AWRA Annual Conference	AWRA	Baltimore, MD	November 4-8, 2018	<a href="http://awra.org/meetings/Baltimore2018/index.html">http://awra.org/meetings/Baltimore2018/index.html</a>





## **VALUES**

### Stewardship

- Promoting water reuse as part of a sustainable water supply.

### Leadership

- Providing direction and a shared vision to increase water reuse.

### Innovation

- Developing technologies to reliably treat water for its intended and appropriate reuse.

### Education

- Building public understanding and support to facilitate acceptance, adoption, and implementation of water reuse.

### Partnership

- Making strategic alliances with other organizations and between individuals to further promote water reuse.

## **MISSION**

Water Reuse Colorado will advocate for laws, policies, research, and funding to facilitate appropriate water reuse; build understanding about the water reuse; and support our members and students who are advancing water reuse; with the goal of providing communities with safe, reliable, locally-available, affordable, and sustainable water supplies.

## **VISION**

- Elevating Water Reuse?
- Advancing Water Reuse?
- Leading Water Reuse in Colorado?
- The Voice for Water Reuse in Colorado?
- Supporting the Water Reuse Community? (make this a tagline instead of vision?)