



**MEETING AGENDA**

RMWEA/RMSAWWA Joint Water Reuse Committee / WaterReuse Colorado

**March 6, 2014; 1:00 pm**  
**City of Aurora Municipal Center**  
 15151 E. Alameda Parkway, Aurora, CO  
 Lowry Room; 3<sup>rd</sup> Floor

Call in number 888-809-4012, Passcode 7641593

**Attendees:**

Damian Higham	Denver Water
Tara Kelley	Colorado Springs Util.
Kirby Clark	PCWRA
Brenley McKenna	Westminster
Richard Leger	Aurora Water
John Rehring	Carollo Engineers
Bob Anastasov	Aurora Water
Jodi Villa	Kennedy/Jenks
Dave Takeda	MSK Consulting

Bob Dye	Meridian Metro District
Liz Lemonds	CDPHE
Abbey Holmquist	Honeywell
Jena Vail	Centennial W&S
Dave Colvin	Leonard Rice
Laura Belanger	Western Resource Adv.
John Whitley	Water Research Found.
Lyle Whitney	Aurora Water

**Phone Participants:**

Steve Ravel	HMM
Tzahi Cath	Mines

Tanja Rauch-Williams	Carollo Engineers

**1. WRCO Items**

a. Regulation 84 Updates

- i. Introduction of Lillian Gonzales and Michael McLure from the Division - Division is looking for a person to replace Mike. Lillian could not attend the meeting today. She is the Unit Manager for permits. If you have any questions about who to talk to, contact Liz. Submit Annual reports to Liz.
- ii. Edible crops (and others) new uses hearing potential (Damian) - A proposed new use is edible crops. Decorative fountains may be another use. Denver Water is looking for support for edible crops. The stakeholder group will start up soon and is hoping for a Fall 2014 Hearing. Damian is investigating whether the efforts will be coordinated through a Water Quality Forum workgroup. Contact Denver Water if you are interested in participating.

b. WRCO Treasurer's Report (Jena) - See attached Financials

- c. Bylaw Changes Update (Richard) - Richard recommends a Policy for giving the President authority to make certain expenditures without separate Board approval, rather than amending the bylaws. In addition to the President's discretionary limit, we discussed using the Policy to provide annual authority (with upper limits) for the \$200 for recognition, national rep travel costs, and the scholarships. Richard will draft some language for a vote at a future meeting.
- d. Event Insurance Coverage (John) - There is concern about liability insurance for the Fall Workshop. Both RMWEA and RMSAWWA have insurance for conferences. Jodi will discuss at a joint RMWEA/RMSAWWA meeting tomorrow. Richard will check with National WaterReuse to see if they have coverage that can be extended to WRCO.
- e. Reimbursement of Rich's Travel Expenses – the National Board Meeting trip was cancelled so there are no costs.
- f. Presidential Discretionary Spending (Damian) – see Item 1c.
- g. Westminster Director Change - Brenley McKenna is the new Director and replaces Bret Eastberg. She notified WRA and Steve updated the website.

## **2. AWWA/RMWEA/WEF Items**

- a. RMWEA Online Training Update (Damian) – the update is available
- b. Joint Reuse Committee Records Retention (Tara) - Tara will give the documents to Dave by the next meeting.
- c. AWWA Water Reuse Committee Updates (Tara) - Their last meeting was 2/12/14. They use Sharepoint (must be an AWWA member to access). The 5-year plan (goals, projects, ACE15, possible website, Workshop proposal – potential Sunday reuse workshop offering) has been updated (May 2009 is the last plan). AWWA has a strong presence in social media (twitter, Pinterest, Facebook). They are looking for support to modify M24. If you would like to participate contact Alan Rimer (rimerae@bv.com). Proving support for the Annual Symposium in Dallas.
- d. WEF Water Reuse Committee Updates (Frank) – Frank emailed Damian an update. See below:
  - Frank posted the “Save The Date” for the August workshop that Jodi put together to WEFCOM – Water Reuse Committee
  - Water Reuse sessions at WEFTEC in New Orleans (Sep 27 - Oct 1, 2014)
    - Two preconference workshops. Saturday – Water Reuse in Food & Beverage Industry. Sunday – Water Reuse in Upstream Oil & Gas
    - Direct and Indirect Potable Reuse: The New Paradigm (Monday)
    - Novel Approaches to Treatment for Water Reuse (Tuesday)
    - Planning? Why Bother - Just Let it Flow! (Tuesday) – title is a joke – talks are focused on planning
    - Water Reuse: It Works for All Industries (Tuesday)
    - AOP - What's In It For Me? (Tuesday) – This is a mobile session on the exhibit floor to look at AOP technology
    - Forward Osmosis: An Emerging Technology in Brine Treatment (Wednesday)

- o Salinity Management in Water Reuse (Wednesday)
- e. Volunteering opportunities for Reuse committees (spreadsheet) - Jodi will complete a spreadsheet to distribute to Young Professionals for volunteer opportunities with WRCO.

### **3. Subcommittee Updates**

#### a. Local Conferences

- i. WRCO/Joint Reuse Committee 2014 Reuse Workshop (Jodi) - The Workshop will be held Thursday 8/14/14. Jodi updated us on the meeting last month. There was discussion about having a membership event after the workshop. It could be at the museum, which has a \$500 rental fee. In the past it was a membership drive. It was discussed that it should be an event open to all attendees. Liz suggested combining it with an awards ceremony. No final decision was made on the location or focus, and Tzahi said we can keep the reservation for now. The group will continue to evaluate options.
  - 1. Deposit for Mines' museum space
  - 2. Call for abstracts – The call is being distributed. Needs to be added to the WRCO website. Need about 15 presentations for the Workshop.
  - 3. Discussion after meeting – the subcommittee met following the WRCO meeting.

#### b. Website

- i. WRCO and Joint Reuse Website Updates (Steve) – The abstract request and Westminster's Director change have been submitted for update, but are not on the website yet.

#### c. Education/Outreach/Public Relations

- i. Industrial Reuse Committee Webinars (Abbey) - There is a local workshop on fracking on 4/11/14 by RMWEA. There are some webinars available on reuse for oil/gas and food processing.
- ii. Landscape irrigators presentation (Bret) – Still working on it.
- iii. Managing Salinity documents (Tara) – Out for review to a small group.
- iv. Cross-pollination opportunities (Laura) - The State Water Plan is due December 2015. Laura will coordinate a meeting with CWCB. Damian, John and Dave expressed interest in the meeting. Richard would like to be kept informed.

#### d. Potable Reuse (Dave Takeda)

- i. Potable Reuse Guidelines Update (John) – update coming soon regarding WateReuse task force assigned to evaluate the need for national guidance on potable reuse.

- e. Graywater and Non-Traditional Uses (Tara) – Stakeholders still meeting. There needs to be an extension. There are issues with plumbing code enforcement

and other local government jurisdiction. Subsequent to the meeting, the following information was provided by the CDPHE:

*The Division has decided to temporarily suspend the stakeholder process for developing water quality regulations for graywater. Over time, as we have moved through the process of developing the water quality regulations, it has become apparent to the Division that the plumbing design of graywater systems is the foundation upon which the treatment and control measures will be added. At this time we view this as a critical missing component. The discussions with the Plumbing Board staff two weeks ago [February 26, 2014] highlighted the need for further engagement from the Plumbing Board on this issue. Therefore, we are canceling the next meeting until this matter is resolved, and will reconvene stakeholder meetings as soon as possible. In addition, the Division is scheduled to speak at the next Plumbing Board hearing, which is scheduled for April 24, 2014. This is an open attendance meeting and all stakeholders are welcome to independently attend.*

*The plumbing board staff have informed us that this meeting is a presentation only meeting and not a public hearing meeting on the merits of adopting a graywater chapter into the Colorado Plumbing Code. No testimony will be accepted by the Plumbing Board. Please contact the Plumbing Board for further meeting information.*

- f. Membership (Richard Leger) – There is a new treater, the Cherokee Metropolitan District. They are using the water for irrigation of crops.
- g. Regulations/Local Codes (Tara) - There was a little confusion on the intent of this agenda item. It was felt that it is a good way to gather documents that other are using and share. This is beneficial for Reg 84 documents. Tracking legislation across the country could also be useful. Laura offered interns from her organization to assist. Tara will follow up.
- h. Scholarships – 2014 WRCO Scholarship Schedule (Tanja) - The following motion was made: "\$3,000 for the distribution of two \$1500 scholarships in 2014." Motion by Abbey, 2nd by Tara. Motioned carried. Tanja will distribute the scholarship notice for comment and then send to the universities by the end of the month.
- i. Research (John) - John read titles of some recent research products. Most didn't apply to Colorado. WateReuse regularly provides webinars to review recently completed research projects. If there is enough interest in a webinar, and room can be found, Denver Water can host them for members to attend.

#### **4. WateReuse Association/WateReuse Research Foundation Items**

- a. WateReuse Association (WRA) updates - (Richard) - A new Executive Director was announced by WRA. Her name is Melissa Meeker and she is from Florida. She starts 3/25/14. We will ask if she will be a speaker at the August Workshop.
- b. Inland Desal and Concentrate Manual - Response Deadline: March 10, 2014 (Tara) – AWWA is seeking volunteer contributors for Manual M69.

## 5. Other Business

- a. Bill regarding fee setting authority transferring from legislature to Commission – This died. No further discussion.
- b. Operator certification/facility designation preliminary meetings (Damian) - There is some talk about if wastewater or water operator certifications apply to reuse. Or is it an industrial certification. Should there be a new one specifically for reuse? Damian will keep us updated. WateReuse Foundation recently received proposals for certification guidelines and standard operating procedures for direct potable reuse.
- c. Update on Mines' research relating to re-use (Tzahi) - CDPHE had a large group visit the CSM facility. A letter will be issued by CDPHE soon. It is likely that the facility will need to get approval.
- d. Lyle Whitney presenting on WaterWise (a non-profit organization) and their Value of Water Toolkit. Lyle presented on the project. See attached presentation.
- e. Water quality trading scheme (Damian) - EPA is discussing a process in which a non-compliant facility can become compliant by using excess constituent removal from another facility.
- f. Denver Water hosting meet and greet for treaters and regulators (Damian) – date not set yet.

## 6. Future Meeting Schedule

- a. AWWA Sustainable Water Management Conference – Denver, CO – March 30-April 2, Curtis Hotel
- b. WateReuse Research Conference – Las Vegas, NV – May 19 – 20, 2014.
- c. 2014 RMSAWWA/RMWEA Joint Annual Conference - Albuquerque, NM - September 7 to 10, 2014
- d. 29th Annual WateReuse Symposium to be held September 7-10, 2014 at the Fairmont Dallas in Dallas, TX.
- e. ACE2014, 6/8/14-6/12/14 in Boston, MA
- f. Future WRCO/Joint Reuse meetings as follows:

May 1	Plum Creek
July 10	City of Aurora
September 4	Plum Creek
November 6	City of Aurora