



**JANUARY 2015 MEETING MINUTES**  
RMWEA/RMSAWWA Joint Water Reuse Committee / WaterReuse Colorado

**January 8, 2015 at 1:00 pm**  
**Plum Creek Water Reclamation Authority**  
4255 N US Highway 85, Castle Rock, CO 80108

**Attendees:**

Damian Higham	Denver Water
John Rehring	Carollo Engineers
Julie Tinetti	PCWRA
Bob Anastasov	Aurora Water
Laura Belanger	Western Resource Adv.
Richard Leger	Aurora Water
Matt Seitz	Leonard Rice Engineers

Bob Dye	Meridian Metro District
Tara Kelley	Colorado Springs Util.
Abbey Antolovich	Honeywell
Dave Takeda	MSK Consulting
Phil Brandhuber	HDR
Wes Carr	

**Phone Participants:**

Jena Vail	Centennial W&S
John Whittler	WRF
Liz Lemonds	CDPHE

Jodi Villa	Kennedy Jenks
Maureen Egan	CDPHE

**1. CDPHE-WQCD Items**

- a. Regulation 84 Updates
  - i. Update on possible new uses effort/WQF workgroup (Damian) – no update
- b. Graywater Non-Traditional Uses Update (Tara) – The final proposed Regulation 86 is published. A rule-making hearing is scheduled for 4/13/15. 1/23/15 is the deadline for filing for a party status. The process will need to involve the local health departments. CSU and El Paso County Health have a meeting with CDPHE to discuss issues. Denver Water is meeting with City officials to discuss ordinances.
- c. Other Items - none

**2. Subcommittee Updates**

- a. 2015 WRCO Scholarship (Tanja) – no update
- b. Website (Steve) – no update
- c. Education/Outreach/Public Relations:

- i. Industrial Reuse Committee Webinars (Abbey) – The Industrial Reuse Conference is next month in Austin, TX from 2/1/15 to 2/3/15. Abbey is putting together a webinar on oil/gas reuse for later this year and is looking for volunteers to help with the webinar. The Industrial PWO Workshop is scheduled for later this spring.
  - ii. Managing Salinity documents (Richard) - Richard will ask about comments at the February Board meeting.
  - iii. Inter-organizational activities (Laura) – Laura shared an updated list of potential organizations WRCO could contact. Laura suggested more background information should be obtained on each before we contact them. It is also recommended we have a message and materials that we would like to provide if we contact the organization. Richard will look into materials that WRA has. A subcommittee of Laura, Abbey, Bob Dye, and Dave was formed.
  - iv. Outreach Efforts (Jodi) – A summary of outreach mechanisms was shared with the group. Colorado Springs Utilities has added videos to its website and will be producing a video on its wastewater treatment plant. Tara will share the video when completed. Pompano Beach, FL offered to share information and assist with outreach efforts.
  - v. Treater Nominations – The group decided to align the nomination announcements and deadlines with the schedule for the annual Symposium. In 2014 the awards were presented at the Rocky Mountain Reuse Workshop, but there is no Workshop in 2015. Having annual awards would be beneficial because recognition promotes reuse and competition to win the awards. If another event is not scheduled, the awards could be presented at a luncheon or breakfast in the fall. The winners would also be posted on the website. Richard will ask WRA if state winners (from all states) could be included in the Symposium program. A subcommittee of Abbey, Tara, and Laura was formed.
- d. Potable Reuse (Dave)
- i. Potable Reuse Guidelines Update (John) – There is no national consensus on an approach for potable reuse guidelines. However, a few states' regulatory agencies (e.g., Texas, New Mexico) are engaging NWRI expert panels to help them assess risks and develop guidance or regulations, and a group will be coordinating with EPA on the subject in the coming months. Some states are also sitting in on other states' processes to assess potential regulations, e.g., the Oklahoma DEQ is going to start attending the New Mexico Environment Department's meetings related to the Cludcroft project.
  - e. WRCO Participation in Research (John) –The subcommittee met early this month to go over criteria, potential collaborators, focus areas, and sources of funding. Based on this meeting John prepared a working draft table and shared it with the group. Laura was able to share information on opportunities related to the State Water Plan, some of which could be acted on around the middle of 2015. The group was asked to review the draft table and provide input. Ideally funding opportunities for future years will be prioritized. The State Revolving Fund may be another source of funding. This will be revisited a few more times this year. Damian asked to be included on the subcommittee.

- f. Membership – WRA has asked members to provide a list of at least 5 possible members. Laura will share a list of utilities that have reusable water rights and reuse projects.
- g. Regulations/Local Codes (Tara) – no update
- h. Reuse Roundtable (Damian) – A possible “Gala” might be scheduled around fall. The group is still trying to figure what entities to invite and what the focus might be. Gala can be pronounced “gā-lə or ‘ga-lə.” We would like CDPHE to be there, but there are some regulations about accepting free meals, etc. Liz will research this and it may require CDPHE to make a presentation. The group thought that regulators, utilities, legislators, and developers would be good to include. The specific focus may develop as progress is made in other WRCO efforts. This could also be a venue for presenting WRCO’s annual awards.

### **3. Other Business**

- a. CWA/SDWA Nexus Workgroup (Damian) – The focus of the group is still fairly vague, but some issues are starting to emerge. Brine disposal is one concern. An IPR barriers list was drafted. Work will continue.
- b. State Water Plan (Laura) – Comments on the current draft are due in May. Laura suggested WRCO provide comments on the reuse section. The second version of the draft is scheduled for July, with comments due in August. The subcommittee may want to meet with the South Platte/Metro roundtables.

### **4. WRCO Items**

- a. Approve November 2014 minutes and financials (Damian) –  
  
Motion: Richard  
2<sup>nd</sup>: Abbey  
Motion passed unanimously
- b. WRCO Treasurer’s Report for this Month (Jena) – Under the section expenses, the \$1,500 for “Sponsorship” probably should be classified as “Scholarship”. Also, the \$300 sponsorship for the Student Workshop is not shown in the 2014 expenses. Dave will check with WRA to see if this was ever paid. WRCO liability insurance was also discussed; John and Jena will investigate the status of the coverage based on last year’s WRCO Board approval to purchase liability insurance.

### **5. WRCO Business**

- a. Review WRCO Bylaws (Damian) – no changes were suggested.
- b. Election of President, Secretary, National Representative and At-Large Directors (Damian) - The nominations for the following offices are:

At-large Director (three year term): Frank Johns, Laura Belanger, Dave Takeda  
Secretary (one year term): Laura Belanger  
President (one year term, automatically succeeds from Secretary position): Dave Takeda

Motion: Damian  
2<sup>nd</sup>: John  
Officers elected unanimously

- c. WRCO Spending Policy (Damian) – The annual spending policy includes a Presidential Discretion for up to \$250 per event and \$1,000 per year, up to two \$1,500 scholarships, and up to \$3,000 of travel expenses for the National Representative.

Motion: Richard  
2<sup>nd</sup>: John  
Motion passed unanimously

The policy document needs to be signed by Jena and archived.

- d. WRCO Presentation Schedule (Damian) – Guy Carpenter has a presentation on DPR that he is willing to share with us. He has a standing meeting that is scheduled for the same dates/times as our bi-monthly meetings. The group decided to schedule a presentation or webinar a different date. Damian will put out a Doodle poll. Damian will contact the 2014 scholarship winners and schedule presentations.
- e. Social Media (Damian) – Damian set up the following accounts:
  - i. Facebook: [www.facebook.com/watereusecolorado](http://www.facebook.com/watereusecolorado)
  - i. Twitter: @WateReuseCO
  - ii. LinkedIn group: WateReuse Colorado – Should this be open or closed?

The group discussed establishing a social media policy prior to fully engaging. Abbey and Richard will evaluate other organizations policies and modify them for WRCO. WRA does not have one yet. Wes suggested that we do not allow comments to be posted on any of our accounts and to be conscious of liability.

## 6. WRA/WRRF Items

- a. WateReuse Association (WRA) updates (Richard) – WRA and WRRF continue to reorganize and combine bylaws.
- b. Legislative/lobbying effort update (Damian) – The group will continue to develop goals and focus issues in conjunction with the Gala.
- c. Research (John) – Phil said that CWCB is funding a white paper on DPR barriers in Colorado. HDR is writing it and Phil is looking for WRCO involvement in the process.

## 7. AWWA/RMWEA/WEF Items

- a. AWWA Water Reuse Committee Updates (Tara) – no update
- b. WEF Water Reuse Committee Updates (Frank) – no update
- c. Joint Reuse Committee Records Retention (Dave) – all electronic information from the archives has been uploaded to a Dropbox account. The login and password was shared with Damian and will be sent to Laura.
- d. Other Items: WaTER-X invitation from AWWA. Damian discussed the invitation (attached) for contributions to the Water Training & Education Exchange. It will be a source to share educational information.

## 8. Upcoming Activities

- a. Colorado Water Congress, January 28-30, 2015 – Hyatt DTC
- b. Industrial Reuse Conference, February 2-3, 2015 - Austin, TX
- c. RMWEA/RMSAWWA Joint Winter Planning Meeting, Lowry Conference Center, Feb 5<sup>th</sup>, 1-4
- d. WRA Board Meeting at the 2015 Multi-State Salinity Coalition Annual Salinity Summit, February 20, 2015 in Las Vegas, NV
- e. AMTA, March 2-6, 2015 – Orlando, FL
- f. Water Reuse California, March 15-17, 2015 – Los Angeles, CA
- g. Sustainable Water Management Conference, March 15-18, 2015 - Portland, OR
- h. Industrial PWO Workshop, date and location TBD
- i. Water Reuse & Desalination Research Conference, May 4-5, 2015 - Huntington Beach, CA
- j. ACE, June 7-10, 2015 - Anaheim, CA
- k. RMSAWWA/RMWEA Joint Annual Conference, September 13-16, 2015 – Loveland, CO
- l. 30th Annual WaterReuse Symposium, September 13-15, 2015 – Seattle, WA
- m. WEFTEC, September 26-30, 2015 – Chicago, IL
- n. Water Smart Innovations, October 6-10, 2015 – Las Vegas, NV
- o. Water Infrastructure, October 13-16, 2015 – Bethesda, MD
- p. WQTC, November 15-19, 2015 – Salt Lake City, UT

## 9. Future Meeting Schedule

Next regular meeting is March 5, 2015 at 1:00 pm at the City of Aurora.

May 7	Plum Creek
July 2	City of Aurora (different conference room)
September 3	Plum Creek
November 5	City of Aurora
TBD	Strategic Planning (location TBD)

Interest Level					Potential Outreach Opportunities				
Low	Med	High	Need add'l info	Status	Organization	Website	Notes		
					CDPHE				
					Federal Regulators				
					Denver Museum of Nature and Science	<a href="http://www.dmns.org/">http://www.dmns.org/</a>	REUSE EXHIBIT? Would be cool and great public outreach. No idea how they go about deciding about exhibits or if they've had any water focused exhibits in the not too distant past, but maybe worth reaching out to them? Laura has a few contacts and Damian probably does too.		
				Outreach in process. CWW presented at WRCO Mtg. Richie will schedule presentation to CWW.	Colorado WaterWise	<a href="http://coloradowaterwise.org">http://coloradowaterwise.org</a>	CWW mission: Connecting stakeholders, providing resources, and serving as the collaborative leader in the efficient use of urban water in Colorado.		
				Small group working w/CWCB regarding reuse and state water plan.	Colorado Water Conservation Board	<a href="http://cwcb.state.co.us/Pages/CWCBHome.aspx">http://cwcb.state.co.us/Pages/CWCBHome.aspx</a>	The Colorado Water Conservation Board (CWCB) represents each major water basin, Denver and other state agencies in our joint effort to use water wisely and protect our water for future generations.		
				Melissa Meeker (WateReuse Assoc) was breakfast speaker for Aug 2014 CWC summer conference	Colorado Water Congress	<a href="http://www.cowatercongress.org/">http://www.cowatercongress.org/</a>	The Leading Voice of Colorado's Water Community. The Colorado Water Congress shapes beneficial actions and legislation that develop, manage, protect and conserve water. We're the sole organization in the state that presents a non-partisan, unified and fair position on water issues, and our efforts are working		
				Laura knows so could do some outreach	Colorado Foundation for Water Education	<a href="http://www.yourwatercolorado.org">www.yourwatercolorado.org</a>	The mission of the Colorado Foundation for Water Education is to promote better understanding of Colorado's water resources and issues by providing balanced and accurate information and education. We accomplish our mission through the production of high-quality educational tools and experiences-- which we've been doing since 2002. When implementing these programs, CFWE maintains an unbiased, objective viewpoint that encompasses diverse perspectives on water resource issues. CFWE advocates only for the availability of unbiased water education information. We never take a position or lobby on specific water issues.		
					Special District Association of Colorado	<a href="http://www.sdaco.org/">http://www.sdaco.org/</a>	he Special District Association of Colorado (SDA) is a statewide membership organization created in 1975 to serve the interests of the special district form of local government in Colorado. Special districts fill a vital role in providing many of the basic services and public needs of the people of Colorado, including fire and rescue services, water and wastewater treatment and delivery, parks and recreation amenities, hospitals, libraries and cemeteries. SDA has over 1,500 special district members and 230 associate members.		
					Colorado Energy Research Collaboratory	<a href="http://www.coloradocollaboratory.org/">http://www.coloradocollaboratory.org/</a>	The Colorado Energy Research Collaboratory works with public agencies, industry partners, and other universities and colleges to: Develop renewable energy products and technologies for rapid transfer to the marketplace, Support economic growth with renewable energy industries, Educate the finest energy researchers, technicians, and workforce. The Collaboratory is a research partnership among the National Renewable Energy Laboratory and Colorado's premier research universities—Colorado State University, the University of Colorado at Boulder, and the Colorado School of Mines.		
					Colorado Counties Inc.	<a href="http://ccionline.org/">http://ccionline.org/</a>	CCI is a non-profit, membership association whose purpose is to offer assistance to county commissioners, mayors and councilmembers and to encourage counties to work together on common issues. Governed by a board of directors consisting of eight commissioners from across the state, our focus is on information, education and legislative representation. We strive to keep our members up-to-date on issues that directly impact county operations. At the same time, we work to present a united voice to the Colorado General Assembly and other government and regulatory bodies to help shape the future.		
					Colorado Municipal League	<a href="http://www.cml.org/">http://www.cml.org/</a>	The Colorado Municipal League is the leading nonpartisan resource for municipal officials in Colorado. CML is dedicated to supporting municipal leadership and development through a variety of relationships and partnerships. CML provides high quality resources and services that empower municipal governments to sustain strong, healthy, and vibrant cities and towns. CML represents Colorado cities and towns collectively through its advocacy, membership services, training, and research efforts. CML strives to continuously improve and seeks to identify additional resources, programs, and outreach efforts for its membership.		
					Progressive 15	<a href="http://www.progressive15.org/">http://www.progressive15.org/</a>	Progressive 15 was formed to speak with a single, unified voice for Northeastern Colorado to influence public policy and enhance our economic viability and quality of life.		
					Club 20	<a href="http://www.club20.org/">http://www.club20.org/</a>	CLUB 20 is an organization of counties, communities, tribes, businesses, individuals and associations in Western Colorado. The group is organized for the purpose of speaking with a single unified voice on issues of mutual concern. Its activities include marketing and advertising, public education, promotion, meetings and events, and political action.		
					Denver Regional Council of Governments	<a href="https://drcog.org/">https://drcog.org/</a>	The Denver Regional Council of Governments is a planning organization where local governments collaborate to establish guidelines, set policy and allocate funding in the areas of: Transportation and Personal Mobility, Growth and Development, Aging and Disability Resources		
					Pikes Peak Regional Council of Governments	<a href="http://www.ppacg.org/">http://www.ppacg.org/</a>	For 45 years, PPACG has worked to ensure that all communities—big and small—have a forum to discuss issues that cross their political boundaries, identify shared opportunities and challenges, and develop collaborative strategies for action. These intercommunity relationships underpin the concept of regionalism and the mission of PPACG.		

Interest Level					Potential Outreach Opportunities				
Low	Med	High	Need add'l info	Status	Organization	Website	Notes		
				Richard communicates with them and reviewed their reuse training.	Colorado Rural Water Association	<a href="https://coloradoruralwater.sharepoint.com/Pages/CopyHomePage.aspx">https://coloradoruralwater.sharepoint.com/Pages/CopyHomePage.aspx</a>	The Colorado Rural Water Association (CRWA) is a non-profit corporation incorporated November 24, 1980 under the rules and laws of the state of Colorado. This organization provides technical assistance and training to Colorado's public and private water and wastewater systems having populations less than 10,000. About 98% of Colorado's 2,095 public water systems serve communities that have populations less than 10,000.		
					Denver Urban Gardens	<a href="http://dug.org/">http://dug.org/</a>	Denver Urban Gardens comes alongside residents, and together, we grow community - one urban garden at a time. DUG offers neighborhoods the essential resources for community gardens, including ongoing technical expertise.		
					Association of Landscape Architects (CO)	<a href="http://www.aslacolorado.org/">http://www.aslacolorado.org/</a>	ASLA Colorado promotes the development, education and awareness of the landscape architecture profession in Colorado. With unparalleled professionalism, ASLA Colorado members are dedicated to inspiring the public through work that enhances natural and built environments.		
					Colorado Green Building Council	<a href="http://www.usgbc.org/chapters/colorado-chapter">http://www.usgbc.org/chapters/colorado-chapter</a>	USGBC Colorado successfully advocates for local ordinances and state statutes to support healthy, sustainable communities; including graywater legislation and a Green multiple listing service addendum to better inform home buyers, sellers, and real estate professionals.		
				Laura emailed Tisha (Pres/CEO) who asked for WRCO to submit a proposal w/presenter(s) and the topic(s)	Colorado Oil and Gas Association	<a href="http://www.coga.org">www.coga.org</a>	Founded in 1984, the Colorado Oil & Gas Association's (COGA) mission is to foster and promote the beneficial, efficient, responsible and environmentally sound development, production and use of Colorado oil and natural gas. COGA is a nationally recognized trade association that aggressively promotes the expansion of Rocky Mountain natural gas markets, supply, and transportation infrastructure through its growing and diverse membership.		
					Colorado Association of Mechanical and Plumbing Contractors	<a href="http://www.mpccolorado.org/">http://www.mpccolorado.org/</a>	The Colorado Association of Mechanical and Plumbing Contractors is a management association representing owners and managers of firms involved in heating, air conditioning, refrigeration, plumbing, piping, and mechanical service throughout Colorado.		
				Someone in Laura's office is working with them on another project so could access them through that contact.	Plumbing Heating Cooling Contractors Association	<a href="http://www.phccweb.org/index.cfm?ewebToken=&amp;Site=PHCC">http://www.phccweb.org/index.cfm?ewebToken=&amp;Site=PHCC</a>	Today, PHCC has more than 3,500 contractor members from open and union shops who work in the residential, commercial, new construction, industrial and service and repair industry segments. With PHCC as their professional partner, these members are equipped with the latest and best in education and training, countless proven business strategies, and a solid advocate on key legislative issues.		
					Western Carwash Association	<a href="http://www.wcwa.org/">http://www.wcwa.org/</a>	Western Carwash Association, 950 Glenn Drive, Suite 150, Folsom, CA 95630, Phone: 916.235.4135 or 800.344.9274, Fax: 916.932.2209, hollym@wcwa.org (Includes carwashes in AZ, CA, CO, ID, MT, NV, OR, UT, WA, WI, AK & HI)		
					Rocky Mountain Carwash Association		Am guessing is pretty small, perhaps could do a mailing or something: Rocky Mountain Carwash Association PO Box 9831 Denver, CO 80209-0831 Phone: 303-773-1300		
					Colorado Public Health Alliance	<a href="http://www.publichealthalliance.org/">http://www.publichealthalliance.org/</a>	The Public Health Alliance of Colorado is a collaborative of ten public health organizations joining together to share resources, administrative support, and communications. They are: Colorado Association of Local Public Health Officials (CALPHO) The Colorado Association of Local Boards of Health (CALBOH), The Colorado Public Health Association (CPHA), The Colorado Society for Public Health Education (COSOPHE), The Colorado Environmental Health Association (CEHA), The Colorado Public Health Nursing Leaders (CPHNL), Colorado Directors of Environmental Health (CDEH), Public Health Nurses Association of Colorado (PHNAC), The Western Colorado Association of Environmental Health Officers (WCAEHO), and The Colorado Public Health Administrators (CoPHAD). The mission of the Alliance is to strengthen public health in Colorado by building capacity within the participating organizations as well as connecting its members. The core strategy is to work together to address infrastructure needs of the member organizations while providing a forum to develop a larger vision of improving the public health system through consensus building approaches.		
					Colorado Association of General Contractors	<a href="http://www.agccolorado.org/">http://www.agccolorado.org/</a>	The AGC of Colorado is Colorado's leading professional association for the state's commercial building industry, representing nearly 400 firms. The membership of AGC/C is comprised of general contractors and subcontractors (both union and non-union shops, public and privately owned; and, from very large to very small), suppliers and professional service providers. Every year, AGC/C members complete 70 percent of the commercial building in the state of Colorado.		
					Colorado Contractors Association	<a href="http://www.coloradocontractors.org/">http://www.coloradocontractors.org/</a>	CCA has been proud to represent the heavy / highway / municipal / utility industry for over 75 years. CCA was established in 1933 and is a consortium of almost 400 firms including many second and third-generation family-owned construction businesses. CCA represents contractors who construct: airports, light rail facilities, bridges and dams; highways and streets; parking lots, underground utilities such as phone, fiber optic, water, gas and sewer lines; power and telecommunication transmission centers; wastewater, stormwater pipelines and wastewater treatment plants. Our member base also includes a strong associate group. The associates are support businesses such as financial, insurance and bonding, materials supply and heavy equipment companies.		

Interest Level				Potential Outreach Opportunities			
Low	Med	High	Need add'l info	Status	Organization	Website	Notes
					Green Industries of Colorado (GreenCO)	<a href="http://www.greenco.org/">http://www.greenco.org/</a>	The Green Industries of Colorado is an alliance of seven trade associations representing all facets of the horticulture and landscape industries. GreenCO members are committed to water conservation and industry-wide best management practices as a way of doing business. We provide expert advice on how to select and properly care for plants and landscapes.
					Colorado Association of Lawn Care Professionals	<a href="http://www.lawncarescolorado.org">www.lawncarescolorado.org</a>	Mission: To enhance the professionalism of Colorado's lawn care industry by providing education and services to its members and the general public.
					Rocky Mountain Golf Course Superintendents Association	<a href="http://www.rmgcsa.org/">http://www.rmgcsa.org/</a>	The Rocky Mountain Golf Course Superintendents Association (RMGCOSA) founded in 1936 is dedicated to serving its members and improving golf course management practices through education, sharing knowledge and networking. RMGCOSA is the tenth largest affiliated chapter of the Golf Course Superintendents Association of America. We have more than 670 members in 37 states who offer support and services to the golf course management industry.
					Cannabis Trade Council	<a href="http://www.cannabistradecouncil.com/">http://www.cannabistradecouncil.com/</a>	The Cannabis Trade Council is a professional trade association organized to help the cannabis industry grow and flourish through self-regulation, while keeping the needs of the patient foremost. Our members are committed to providing patients with safe, affordable and confidential access to quality medical cannabis. Our motto is "What's good for patients is good for business."
					National Cannabis Industry Association	<a href="https://thecannabisindustry.org">https://thecannabisindustry.org</a>	Based in Denver. NCIA is the only national trade association advancing the interests of the legitimate and responsible cannabis industry. Our industry supports tens of thousands of jobs, tens of millions in tax revenue, and billions in economic activity in the United States. NCIA is leading the unified and coordinated campaign to ensure this emerging sector is treated fairly under federal law.
				Dave Takeda had specific ideas	Large Colorado Developers		
				Note there are also more local associations such as Denver, CO Springs, Northern CO, NW CO....	Home Builders Association of Colorado	<a href="http://hbacolorado.com/">http://hbacolorado.com/</a>	The Colorado Association of Home Builders (CAHB) is the unified voice of the building industry working through advocacy and education for the success of our members since 1974. Our primary goal is that customers demand to buy CAHB member-built homes. We also emphasize all our professionals strive to embrace opportunities through our parent organization, the National Association of Home Builders (NAHB). Our members receive lobbying efforts for proactive legislative initiatives and against negative legislation that hinders the best interest of the building industry and the public.
				Laura working on a draft list	Communities w/reusable supplies		
					Product manufacturers/consultants/the "industry"		



## Water Reuse

### Summary of Outreach Activities

	Facility Tours	Reuse Events	Presentations/Seminars	Publications/Videos	Social Media
Aurora, City of	Several schools schedule tours with the Reclaimed water plant. We do approx. 5-7 a year.		I get requests to talk to classes on Reclaimed water and jobs in the water industry. These are mainly high school.		
Denver Water	Give tours of our plant to junior high and high school students, as well as customers, trade organizations, etc.	Attend events at reuse sites and set up a booth to distribute materials, answer questions and get the word out.	Present at the Denver Metro Water Festival.		Website, Twitter, Blogs, Instagrams, News Articles (see attached)
Colorado Springs Utilities	Offers regular tours of both our WWTFs and associated reclaimed water systems.		Puts on an annual nonpotable customer information seminar that is mandatory for all nonpot customers, but open to anyone.	Produces a periodic information newsletter (1-3x/year) entitled, "Nonpot Notes" that goes out to our nonpot customers and other interested parties.	YouTube videos, Twitter, Blogs.
			<u>Family Science Nights</u> : Through an activity designed to help us connect with more children and their parents, our Water Table Diorama of the Rocky Mountains (a three-dimensional display that pulls together every major component of our water system and demonstrates how water moves and is managed from the western slope, through town, to farms and other communities--after we use it--south of our city), children actively divert and engineer the table's water flow while adults spend time talking with us about water challenges in our community.	<u>Water Warriors Activity Book and Summer Enrichment</u> : As post-program enrichment for our own water education programs and by leveraging the distribution available through the local library's summer reading program, students learn about their local water supply, the water cycle, water treatment, and water conservation through fun activity pages incorporating STEM components. The booklet includes a challenge to create a high efficiency showerhead prototype.	
			<u>Water Wise</u> : Classrooms receive a 60 minute presentation which covers the watersheds of Colorado, where our water comes from and the water cycle, our local water supply system, water and wastewater treatment processes, how to protect our water supply and water conservation. The program includes an interactive pipeline challenge and microscopic video demonstrating how microbes clean the waste out of sewage.	<u>Water Conservation Wizard Workbook</u> : This leave-behind program is designed to help students understand how their family can save water and wastewater and how to measure and evaluate such savings. Students calculate and graph the water savings of a typical family to compare current water use with simple conservation use changes. They also determine their personal water use and see how they measure up to the average Colorado Springs resident. This classroom kit includes a workbook, a shower timer, and a toilet leak test kit.	
			<u>Water Quality Part 1: Biology and Chemistry of Your Water Supply</u> : Students learn the sources of their water supply and the steps of the water and wastewater treatment processes. They taste potable water samples and analyze pH and total dissolved solids. Students also watch how microbes clean the waste out of sewage, and learn ways to protect their water supply.	<u>Water Reuse Video</u> (older elementary – adult). An 8 minute video courtesy of athirstyplanet.com explaining water reuse and how all water us reused on the planet, either through the water cycle and/or through urban water treatment and reuse. [link = <a href="http://www.athirstyplanet.com/your_h20/downstream">http://www.athirstyplanet.com/your_h20/downstream</a> ]	
				<u>The Ways of Water Video</u> (elementary – adult). A 2.5 minute video courtesy of Water Reuse Research that offers a very brief overview of why and how water reuse occurs. [link = <a href="http://www.watereuse.org/foundation/ways-of-water">http://www.watereuse.org/foundation/ways-of-water</a> ]	

**WaterReuse Colorado Research Priority Project List**

**WORKING DRAFT - January 8, 2015**

**Guiding Principles:** - Beneficial use of membership dues

- Priority on projects that benefit many WRCO members
- Support WRCO's position as the go-to organization for reuse information
- Leverage our dollars via partnerships with others

Research Priority Area	Project Title	Constraint Addressed by Project	CO-Specific?	National?	Related Research by Others	Potential Funding Partners	Estimated WRCO Cash Contribution	Estimated WRCO In-kind Contribution	Target Year to Initiate / Complete	Relative Project Priority (H/M/L) or (Monitor Others' Project)
<b>Annual Budget for Opportunities to Participate in Projects Led by Others</b>										
Any	TBD	TBD		X			\$10,000	TBD	2015/2016	
<b>Education and Outreach</b>										
Treater/User Guidance for Reg. 84	Flow chart for entities contemplating a reuse project	Ease of understanding and complying with Reg. 84	X		N/A	N/A	N/A	Volunteer time 80 hr	2015 / 2015	
Treater/User Guidance for Reg. 84	Template for users and treaters' use if they need to do an antidegradation review	Ease of understanding and complying with Reg. 84	X		N/A	State of CO Water Supply Reserve Accounts	TBD	TBD	2015/2016	
<b>Potable Reuse</b>										
<b>Commercial/Industrial Reuse</b>										
Planning and Implementation	Decision Support Tool for Converting Commercial and Industrial Users to Recycled Water	Uncertainties in assessing benefits of converting from potable to recycled supply		X	WRRF Industrial Water Reuse / Shared Framework for Water Reuse	WRRF Tailored Collaboration with national utility partners	\$10,000	Treaters' staff time in reviewing and piloting draft tool	2016/2017	
<b>Regulatory Development and Implementation</b>										
New Uses for Nonpotable	Risk-based process for adding categories uses	Lengthy process for new uses discourages expansion of uses	X							
IPR Regulatory Uncertainty	Summary of other states' IPR regulatory framework and assessment of need for CO IPR regs	Industry concerns about level of protection afforded by current regulatory approaches		X						
DPR Regulatory Development	Literature Search for other states addressing the regulatory (public health and environmental protection) and technical (e.g., brine) issues relevant to CO	Uncertainties in how DPR might be regulated; interest in taking proactive approach before projects are proposed		X						
Promotion of Reuse while Protecting Public Health & Environment	Identify opportunities to align regulations to better promote reuse	Concern that reg requirements are limiting reuse implementation		X						
Health Risk Characterization	Risk assessment for aerosols in nonpotable commercial and industrial uses	Concerns regarding acceptable levels of aerosol exposure and pathogens	X							
Health Risk Characterization	Risk assessment for recycled water for edible crop irrigation	Concerns regarding acceptable levels of ingestion and pathogens	X							

**WaterReuse Association**  
**WaterReuse CO - Balance Sheet**  
As of December 31, 2014

	<u>Dec 31, 14</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
Cash	57,489.68
<b>Total Cash</b>	<u>57,489.68</u>
<b>Other Current Assets</b>	
1315 · Prepaid Expenses	
1323 · WaterReuse CO - Prepaid Expense	12.46
<b>Total 1315 · Prepaid Expenses</b>	<u>12.46</u>
<b>Total Other Current Assets</b>	<u>12.46</u>
<b>Total Current Assets</b>	<u>57,502.14</u>
<b>TOTAL ASSETS</b>	<u><u>57,502.14</u></u>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Other Current Liabilities</b>	
2400 · Pre-Paid Dues	
2408 · Pre-Paid Dues - WaterReuse CO	4,799.97
<b>Total 2400 · Pre-Paid Dues</b>	<u>4,799.97</u>
2416.10 · Pre-Paid SS Membership	
2422 · Pre-Paid SSM - CO	750.00
<b>Total 2416.10 · Pre-Paid SS Membership</b>	<u>750.00</u>
<b>Total Other Current Liabilities</b>	<u>5,549.97</u>
<b>Total Current Liabilities</b>	<u>5,549.97</u>
<b>Total Liabilities</b>	5,549.97
<b>Equity</b>	
3210 · WaterReuse CO Reserves	41,466.76
Net Income	10,485.41
<b>Total Equity</b>	<u>51,952.17</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><u>57,502.14</u></u>

**WateReuse Association**  
**WateReuse CO Income Statement**  
January through December 2014

	<u>Jan - Dec 14</u>
<b>Income</b>	
<b>4050 · Membership</b>	
<b>4300 · MEMBERSHIP DUES</b>	
4311 · 30% of CO Member Dues	13,154.13
<b>Total 4300 · MEMBERSHIP DUES</b>	<u>13,154.13</u>
<b>4325 · State Section Membership</b>	
4325.60 · Colorado	1,750.00
<b>Total 4325 · State Section Membership</b>	<u>1,750.00</u>
<b>Total 4050 · Membership</b>	14,904.13
<b>4099 · STATE SECTIONS</b>	
<b>4380 · WateReuse CO</b>	
4380.10 · Reuse Workshop	1,081.72
<b>Total 4380 · WateReuse CO</b>	<u>1,081.72</u>
<b>Total 4099 · STATE SECTIONS</b>	<u>1,081.72</u>
<b>Total Income</b>	<u>15,985.85</u>
<b>Gross Profit</b>	15,985.85
<b>Expense</b>	
<b>5300 · SECTION EXPENSES</b>	
<b>5800 · WateReuse CO Expenses</b>	
5800.05 · Awards	356.25
5800.15 · Food & Beverage	235.32
5800.25 · Membership Credit Card Fees	57.17
5800.30 · WRCO Membership Drive	1,522.30
5800.41 · Scholarship	1,500.00
5800.43 · Shipping	29.40
5800.45 · Sponsorship	1,500.00
5800.70 · Video Production - Spanish Tran	300.00
<b>Total 5800 · WateReuse CO Expenses</b>	<u>5,500.44</u>
<b>Total 5300 · SECTION EXPENSES</b>	<u>5,500.44</u>
<b>Total Expense</b>	<u>5,500.44</u>
<b>Net Income</b>	<u><u>10,485.41</u></u>



**American Water Works  
Association**

*Dedicated to the World's Most Important Resource™*

6666 West Quincy Avenue  
Denver, CO 80235-3098  
T 303.794.7711  
www.awwa.org

We are writing with an invitation for your Section to contribute your best educational products to The Water Training & Education Resource Exchange (WaTER-X). WaTER-X will be a resource for Sections to buy/sell/trade/share quality educational products with other Sections. The initial vehicle for WaTER-X will be an online catalog only made available to the AWWA family.

To make WaTER-X truly valuable, we need Sections to participate as donors as well as shoppers. Please submit your resources via the attached application. Please review it and consider what you could provide, and what you might want in return. Submit as many unique products as you wish. Since this is experimental and we don't yet know what will be submitted, please keep a few thoughts in mind:

- The same topic may be submitted by more than one Section; that is fine, there will likely be some initial sorting and follow-up work required.
- We cannot predict whether everything that is submitted will make it into the WaTER-X catalog, or if some additional procedures and rules will need to be developed as we go. We appreciate your flexibility and hope you will err on the side of including anything you think is worthy of consideration.
- At some point in the evolution of WaTER-X, we expect that it will also be populated with resources developed or acquired by the Association, and available to the Sections.
- We know that for every Section, price is a crucial consideration. Please help us find the right balance between a fair return to the contributing Section, and an affordable price for the buyer. Again, some adjustments may occur as WaTER-X evolves.

To learn what may be available and keep progress moving, we have set February 1, 2015 as the deadline for this first call for education resources. If you have questions, please contact either [Chad Weikel](#) at the Denver AWWA office – 303.347.6130, or [Tim Worley](#), Executive Director of the California-Nevada Section at 909.291.2102.

“One AWWA” is not just a slogan. A new day is dawning in how we work together across Sections, and between Sections and the Association. We are 100% committed to giving life to the goals of the five strategic themes explored in SP<sup>2</sup> and in the AWWA 2020 Final Report. We want you – your Section – to be a full participant in the education strand of One AWWA. We look forward to your contributions and your feedback on this important project.

David LaFrance  
CEO, American Water Works  
Association

Mike Howe  
Executive Director,  
Texas Section, AWWA

Tim Worley  
Executive Director  
CA-NV Section, AWWA