



Attending: Bill Hayes, Thomas Riggle, Mary Jo Lockbaum, Andrew Flynn , Lisa Bardwell (phone), Lindsay Weber, Rebecca White, Patricia Mason, Kim Hargraves-Tyrrell, Katie Navin, Bradley Kieding, Quint Redmond, Karen Hancock, David Stewart, Jarrett Smith

Not Attending: Beth Chacon

Staff: Eric Heyboer, Lynette Myers, Rachel Wilson-Roussel, Derek Boer, Liz Sapio

Board Updates

Each board member was allowed the opportunity to share pertinent news about their work and any projects they were undertaking. Highlights included:

- CAEE is undertaking an on-line giving campaign.
- The National Green Ribbon Schools were announced and included on school in Erie and UC Denver (This is the first year they are recognizing higher education).
- Denver Water will be closing Antero Reservoir on June 1. They also will be applying to ELP for their water treatment facility for a bronze award.
- Lindsay participated in the NREL Energy Executive Institute in April.
- The Governor recommended putting together an Electric Vehicle Coalition. The group met in April to discuss a purpose statement – to accelerate the adoption of EV's in Colorado. ALA, Clean Cities is represented as well as Xcel Energy.
- Clean Cities organized a Ride & Drive event for Denver and the Mayor drove a Nissan Leaf! They have scheduled another event with Xcel Energy on May 21st at the Energy Expo at Mile High Stadium.
- Dave is involved in a water reuse project in Mexico. They currently use 150 liters of water to obtain one barrel of oil. They are working towards 90% water savings. Dave also presented on the water panel at the Ag Summit.
- Patti attended a conference in Las Vegas and enjoyed hearing from colleagues from the Dakotas, Arizona, New Mexico and Idaho.
- Patti will also attend a summit in Aspen on resilient cities.
- Earth Week events were scheduled at CU Denver including a downtown fair, music, vendors and food. They held an e-waste event at the medical campus. Students just approved a new recreation center which will be built to LEED gold or platinum specifications.
- Aurora has a contract with Techno Rescue for their e-waste event.
- Lisa stepped down as President and CEO of Earth Force and is now working only part-time. Earth Force applied for an environmental literacy grant around storm water and extreme events – they will work in the Denver, Toledo and Washington D.C. area.

RREO

Marjie Griek, Chair of the Assistance Committee and Eric Heyboer presented the Assistance Committee recommendations for FY 16 RREO grant approvals. The following eight projects were recommended totaling \$1,812,302 in funding.

| # | Name of Applicant | Project Title | Grant Request Amount | In-Kind Match |
|---|---|--|----------------------|---------------|
| 1 | A1 Organics | Purchase of Tiger HS 640 BioStrainer De-Packaging System | \$402,300 | \$398,700 |
| 2 | Angel of Shavano Recycling | Angel of Shavano Recycling Hub-and-Spoke Expansion Project | \$285,794 | \$13,000 |
| 3 | Bruin Waste Management | Bruin Waste Management Recycle Sorting Facility | \$97,392 | \$8,000 |
| 4 | Colorado Department of Personnel and Administration | Colorado Capitol Building Recycling Project | \$70,556 | \$15,734 |
| 5 | Momentum Recycling | Glass Fines Recovery and Market Development Project | \$202,003 | \$442,692 |
| 6 | Phoenix Recycling | Southwest Regional Recycling Facility | \$263,209 | \$1,808,567 |
| 7 | Pitkin County | SCRAPS | \$201,765 | \$216,673 |
| 8 | Twin Enviro Services | Twin Enviro Northwest Colorado Recycling Expansion | \$289,283 | \$626,841 |

A motion was made and seconded to approve the grant recommendations from the Assistance Committee as presented. The motion passed unanimously.

Colorado Water Plan

Tom Browning, Deputy Director, Integrated Resources, with the Colorado Water Conservation Board presented to the PPAB on the Colorado Water Plan. The CWCB is a state agency under the Department of Natural Resources. The Water Plan came as a result of an Executive Order 2013-005 that tasked the CWCB to develop the statewide plan.

Why now? We face an uncertain future for Colorado with potentially unacceptable consequences and we have sufficient data as well as an unprecedented grassroots structure available. A paradigm shift is needed on water dialogue. The process has forced a conversation and gotten a lot of people talking.

The Water Plan will: 1) Foster collaborative solutions; 2) Identify and test cost-effective alternatives to permanent “buy & dry” of irrigated lands; 3) Affirm that Colorado will protect its compact entitlements; 4) Urge more efficient federal permitting efforts; 5) Align state policies and dollars to support Colorado’s water values and objectives.

There is some good news – Denver Water reported that they used less water in 2014 than in 1973 despite the population growth. There is more cooperation between farmers and cities. Farmers may agree to allow land to go fallow in drought years and get paid by cities. But when the drought concludes, they would be able to farm again.

The draft plan is currently out for public comment. Comments are due on May 1, 2015 but the public input process will continue through September 17, 2015. Over 16,000 comments have been received. Visit www.coloradowaterplan.com to learn more.

Denver Water – Water Reuse

Damian Higham with Denver Water and WaterReuse Colorado presented to the board on water reuse operations within Denver Water. Damian covered the history of recycled water in Colorado and the evolution of Denver Water's program. Xcel Energy is the largest user of recycled water for cooling towers, dust suppression and fire system. Other large users include Denver Zoo, Museum of Nature & Science, Denver Parks and Schools, Golf Courses. Car washes and laundries were granted approval in May 2013 to use recycled water. There are 25 other recycled water systems in Colorado including: Colorado Springs Utilities, Aurora Water, Plum Creek, Broomfield, and Westminster. CDPHE regulated recycled water through regulation 84 and addresses water quality, cross connections and allowed uses.

Damian also discussed the future implementation from a national and Colorado perspective and challenges including public perception, lack of holistic view of WQ and quantity; regulatory inflexibility and uncertainty; downstream user concerns; concentrations of salts, trace contaminants and nutrients; disposal of reverse osmosis brine. Currently potable reuse is occurring in Aurora, CO; Big Springs TX; Wichita Falls, TX and Cloudcroft, NM.

Securing the Future of Western Agriculture

Pat O'Toole spoke to the PPAB regarding securing water resources for western agriculture. Pat is a rancher and farmer at Ladder Livestock, a sixth-generation family operation on the Little Snake River along the Wyoming-Colorado border and the President of the Family Farm Alliance. Pat discussed three core challenges facing western agriculture including: 1) Aligning agricultural and food production with improved environmental outcomes; 2) finding common ground with urban communities; and 3) water scarcity and competition with other demands such as energy development. Climate change, regulatory challenges and poor infrastructure also complicate efforts. Pat provided the ag perspective and promoted the idea of increased partnerships among private, public and non-governmental organizations.