

**Colorado Water Congress
January 27, 2016 Wednesday Workshop
Municipal Reuse Track Sessions**

Morning Workshops

Reuse: What it is and Why it's Important to Colorado's Future

9:00 – 9:45

Eric Hecox (South Metro Water Supply Authority)

Laura Belanger (Western Resource Advocates and WateReuse Colorado)

Reuse occurs at many different scales including the basin, regional, provider, and household levels. While reuse doesn't create new water, it can help stretch supplies and provides different efficiencies at the various levels. Interest in municipal reuse is growing among communities with legally reusable supplies and the important role reuse will play in helping close the municipal and industrial gap is recognized in the Colorado Water Plan and the Basin Implementation Plans. Join us for this introduction to Colorado reuse and discussion of its potential to help meet future demands.

Current and Envisioned Reuse Projects: Challenges, What Works, What Doesn't, and Lessons Learned

9:45 – 11:00

Moderator: Eric Hecox

Joe Stibrich (Aurora)

Jim Yahn (North Sterling Irrigation District)

Tara Kelley (Colorado Springs Utilities)

Tim Grotheer (Centennial Water and Sanitation District)

Join our panel of municipal and agricultural interests as we discuss the history of reuse in Colorado, the legal and regulatory structure in which reuse can occur, where reuse is heading in Colorado and nationwide, and existing and envisioned Colorado reuse projects. Panelists will discuss challenges, successes, and changes they'd like to see as we look to increase reuse to help meet the needs of our growing population. Audience questions are encouraged.

The Colorado Reuse Regulatory Picture

11:00 - 11:30

Nicole Rowan (Colorado Department of Public Health and Environment)

The regulatory structure in which municipal reuse may occur can be confusing but is important to understand when communities are considering reuse projects. At a level useful to water supply and policy professionals, the Colorado Department of Public Health and Environment will provide an overview of the various regulatory pieces that drive reuse. The Safe Drinking Water Act, Clean Water Act, Reclaimed Water, Gray Water, anti-degradation, and nutrients standards and how these regulations all fit together will be covered.

Break & Lunch from 11:30 – 1:30

Potable Reuse – What’s the Story?

John Rehring (Carollo Engineers)

Phil Brandhuber (HDR)

1:30 – 2:10

Much of the reuse that occurs in Colorado is for non-potable purposes, primarily for outdoor irrigation, and is seasonally and volumetrically limited. To increase reuse opportunities in Colorado, potable reuse is key. Advances in treatment technologies, national implementation and public perception, combined with water supply limitations around the West are leading a rapidly-growing number of communities to consider indirect and direct potable reuse as viable supply options. We will discuss that state of potable reuse, where it’s heading and what’s happening nationwide and in Colorado, including an overview of recommendations from a peer reviewed 2015 white paper, *Considering the Implementation of Direct Potable Reuse in Colorado*.

Purified Recycled Drinking Water – Let’s Get the Conversation Going

2:10 – 3:30

Moderator: Barbara Biggs (CDM Smith)

John Rehring (Carollo Engineers)

Ron Falco (CDPHE)

Doug Scott (Meridian) - tentative (is trying to reschedule an out of state meeting)

Sarah Dominick (Denver Water)

Indirect potable reuse currently occurs in Colorado and interest in direct potable reuse (DRP) is growing though we don’t currently have regulations in place specifically for DPR. This panel of experts will discuss potable reuse and what it will take us to get to DPR from what we allow in CO now. Discussion will include treatment technologies, costs, public perception and acceptance, the regulatory environment, and a project WateReuse Colorado is working on to advance DPR as a viable supply option. Audience questions are encouraged.
