

Minutes
RMWEA/RMSAWWA Joint Water Reuse Committee Meeting
November 15, 2005

1. Attendees: Tara Kelley, Kathy Bill, Jorg Drewes, Paul Pigeon, Philip Johns, J.R. Hildebrand, Claudia Cummins, John Rehring, Julia Finley, Rick McCloud, Ron Clemmer, Nicole Adams, Tim Friday, Tim Grotheer, Frank Johns, Steve Lohman, Sarah Ladenburger, Mark Scott, Jenny Fifita, Wes Carr, Greg Straight

2. Reuse Committee Business:

- **Regulation No. 84**

The new Regulation No. 84 becomes effective Nov. 30, 2005. It is now available on the Colorado Department of Public Health and Environment's (CDPHE) website.

Please consider any pressing changes that may need to be made to Regulation 84. At the coming meeting we will discuss if we want to go before the Water Quality Control Commission during the next regularly scheduled triennial review in 2006, wait another 3 years until the next regularly scheduled triennial review, or request a hearing outside of the normal 3-year schedule.

Some possible future changes/issues might include:

Use of reclaimed water for in-plant processes at WWTPs (i.e., wash down or fire sprinklers)

On-site storage of reclaimed water in reservoirs that may be considered waters of the State

Indirect potable reuse: As discussed previously, the WQCD has a statutory prohibition on approving reclaimed water for drinking and the current CDPS and Drinking Water Act requirements cover indirect potable reuse from a regulatory standpoint.

- **Update of Regulation No. 84 Forms**

The Letter of Intent, Notice of Authorization, and Users Plan to Comply still need to be reviewed to make sure that they are consistent with the new Regulation. Wes will work on the initial review and hopefully have it completed by the end of the month. Help would be appreciated from anyone with experience using the forms function in Word. JR Hildebrand volunteered to help Wes with the forms.

- **Salinity Subcommittee**

The goal of the next meeting will be to compile information into a form so that it can be posted on the Joint Reuse Committee's web page. Nicole will contact Greg Farmer with Littleton Englewood regarding website issues. John Rehring

will forward to Tara or Jenny to submit to the rest of the committee for review and approval.

Information in the Salinity Section of the website will fall into the following categories:

Denver baseline study outline
Table of plant salinity tolerances
Drainage
Soil amendments
Salinity generation reduction

- **Reuse Program policies (monitoring, agronomic rate)**

Claudia, Steve, John and Tara will meet regarding the Monitoring Policy. There is no need for additional input from other Committee members at this time. Claudia stated that no significant changes were being made to the monitoring section. Current work has focused on aspects of enforcement. Brian Good will continue working on the Agronomic Rate Policy.

3. Public Outreach/Public Information materials

- **Reuse Conference**

Tanja Rauch-Williams will be heading the subcommittee for workshop planning. The workshop will be held August 10, 2006, at the Colorado School of Mines. It should be very similar to the last reuse workshop put together by the Joint Reuse Committee in 2003. It will have 2 all day parallel tracks, a poster session. Lunch and snacks will be included as part of the Conference cost. Thanks to everyone who volunteered to help. Currently there are 12 volunteers to be part of this conference planning subcommittee. If anyone else would like to help, please contact Tanja at (303) 635-1220 or trauch@carollo.com. There will be a kick off meeting in January (time and location TBD by Tanja), but most of the subcommittee business will be handled by phone and e-mail. Periodic reports will be made to the Joint Reuse Committee.

Please be let Tanja know about any potential scheduling conflicts that you may be aware of. There is a National Water Reuse conference in California at the same time, but it is assumed that it will be a conflict for very few people. Also let Tanja know if you have any ideas for a theme for the workshop, a keynote speaker, or topics.

- **Citizen's Guide for Reuse**

Tara Kelley contacted Carla Brown at the Colorado Foundation for Water Education (CFWE) about producing a Citizens Guide but the cost to do that was around \$25,000. Tara said that CFWE could help produce a reclaimed fact sheet for a few hundred dollars.

The question was raised what are we trying to accomplish that we haven't done before? The Citizen's Guide is for the general public. Is this the audience that we want to target? We produced information for Citizens 3 years ago and still have a lot of the flyers around. Are we going to reproduce something that has already been done?

- **Public Outreach/ Public information materials**

JR Hildebrand discussed his idea for a DVD package that can address the information needs for water reuse. He said that there would be a series of DVDs that would target different audiences like the end user, program administrators/ sanitation district, municipalities and tax payers and water professionals on the State, region, national, international level.

Again it was asked what the need was for this type of material? Where is the gap in materials that have already been produced? Tara said that she has created her own material for her end users and that she educates them through her newsletter and annual seminar. Other entities, including PCWA (Nicole), City and County of Broomfield (Julia), and Denver Water (Steve) indicated that they also provide their own educational materials to Users.

It was suggested that if there is a gap in current education it would be with the community not just the user. Some areas have had sites irrigated with reclaimed water for years and the users are comfortable with reuse. Several people voiced the opinion that they would prefer to have material more specific to their service area or deal with their customers face to face. It was also mentioned that a lot of Agencies have their own PIO departments that create this type of material. Others suggested that information maybe made more accessible on the web than in print or on DVD.

Nicole Adams asked about the cost to produce a DVD. J.R Hildebrand said that it would be \$275,000 – 600,000 to create a regional package but that this would be spread very thin if a lot of entities participated. He said that it would take \$10,000 to customize a DVD with a service provider's information. He said this can be done inexpensively if it is pre-planned and footage can be shot when camera crews are working on the regional package.

J.R. Hildebrand will develop a questionnaire that will survey Joint Reuse Committee members on what their specific educational needs may be. J.R. will send this questionnaire to Tara for review and Tara will disseminate to the entire Committee.

PUBLIC INFORMATION WILL BE ADDRESSED AT THE NEXT MEETING

We will follow up with Bill Landin on his search of what other information is available nationally and regionally on reuse. Everyone asked to consider their specific needs and audience.

- **Information on Distribution Systems**

Steve Lohman is gathering information regarding the operation and maintenance of reuse distribution systems and maintaining water quality in the distribution systems. It was mentioned that there were 4 papers presented on this at the Reuse Symposium. Steve will continue to do some research and gather information that was presented. Steve will follow up on the possibility of partnering with AWWA to develop some material. Frank mentioned that there was an AWRP study regarding this that should be looked at. Tara will follow up with Bill Landon and see if he found any pertinent information. Steve will also follow up with the RMSAWWA Water Distribution Committee to see what, if any, information they have regarding this topic.

The Committee discussed adding a fact sheet or resource information on this subject to the Committee website, similar to the Salinity Subcommittee's final product. In addition, it was discussed that we may want to encourage reclaimed water providers to provide links to their reclaimed water websites on the Committee website.

- **Other Business:**

Jeff Mosher is now with the National Water Research Institute and contacted John regarding potential involvement with the Reuse Committee. Jeff indicated that NWRI would be able to assist the Committee with organizing and implementing specialty workshops, conferences, and expert panels (can provide third party review of projects) on "all things water". John will forward his email to the entire Committee for consideration.

At Wes Carr's request, Tara Kelley will invite Steve Gunderson of CDPHE to attend the next meeting to give an update on what is happening at CDPHE.

Centennial Water and Sanitation District (Rick McLoud) gave an update on their proposed satellite wastewater treatment plant project. They are still pursuing this technology with the help of a grant from Colorado Water Conservation Board. They are currently trying to get approval for a trial plant and are working with CDPHE under the guidance of Regulations 22 and 84.

Future Meetings will be held every other month on the 2nd Tuesday from 1-3 pm. The location will alternate between the City of Aurora Water [Lowry Conference Room (3rd Floor, Aurora Municipal Center, 15151 E. Alameda Parkway, Aurora, CO 80012)] and the main conference room at the Plum Creek Wastewater Authority (PCWA) (southwest corner of the intersection of Highway 85 and Happy Canyon Drive in Castle Rock) . The schedule is as follows.

January 10th PCWA
March 14th Aurora
May 9th PCWA
July 11th Aurora

September 12th PCWA (we may not have this meeting, or it may be in conjunction with the RMWEA/RMSAWWA annual conference)

November 14th Aurora

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