



**Minutes of
September 11, 2007 Meeting
RMWEA/AWWA Conference, Keystone, CO**

In Attendance:

Dennis Stowe	Littleton/Englewood
Dale Lauer	Black Hawk
Sharon Davis	Metro Wastewater
Bruce Hutchins	Grand County W&S #1
Rich Hayes	CRWA
Paul Shreve	CRWA
Bret Linenfelser	City of Boulder
Tim Grotheer	PCWA
Mary Gardner	L/E WWTP
Cindy Goodburn	Littleton/Englewood
Mike Wegeck	Winter Park W&S Dist.
Chris Bieker	Upper Thompson Sanitation District
Stu Fonda	L/E WWTP
Charlie Stevens	City of Rifle
Paul Grundemann	CWSD
Sarah Reeves	SPCURE/Brown & Caldwell
Dennis Schump	Greeley
Dan Law	CWR & PDA
Ande Rowlett	Boxelder San. Dist.
Chrfis Susemiles	Rocky Mtn. Elec. Motor
Michael Brod	CWR & PDA
Gayle Alan Lammers	Washington Group International
Steve Frank	MWRD
Floyd Bebler	City of Boulder
Paul Ferraro	Ferraro Associates

I. Welcome - Paul Grundemann

Paul Grundemann welcomed everyone and had each person introduce himself or herself. Nancy Keller was unable to attend the meeting.

II. Election of Officers - Mary Gardner

Mary Gardner mentioned that we had received six yes votes and zero no votes by email for the Nominating Committee's slate. Those members at the meeting voted unanimously for the slate. Officers for 2007-2008 are:

Position	Name	Utility	Telephone
Chair	Paul Grundemann	Centennial WSD	(303) 791-7181
Vice Chair	Amy Woodis	Metro Water Reclamation District	(303) 286-3240
Secretary	Bret Linenfelser	City of Boulder	(303) 413-7355
Treasurer	Blair Corning	South Adams County WSD	(303) 289-5769
Director	Tim Grotheer	Plum Creek Wastewater Authority	(303) 688-1991
Director	Nancy Keller	City of Pueblo	(719) 553-2862

III. Council Projects Updates, Paul Grundemann

Paul Grundemann gave an overview of the Council Projects

Aquatic Life

Special assessments collected in 2006 have funded support from GEI/Chadwick Ecological.

The scope included continued involvement in the Aquatic Life Workgroup. In addition, any work products from the Division will require technical review and comment.

EPA Draft Methylmercury Implementation Guidance Document

Special assessment collected from the CWWUC and other organizations funded a review of the Draft Methylmercury Implementation Guidance document and the submission of technical comments to EPA. The review evaluated the various steps in the development and implementation of the criteria, from a technical basis, as well as how the new criterion can be modified to site-specific environmental conditions and potential consequences that dischargers can expect from its application. Comments also included a number of case studies comparing the tissue based Methylmercury criterion implementation assumption to actual field collected samples of fish population and tissue data from field studies conducted by the funding organizations. This guidance is of special interest to CWWUC as the first document indicating EPA's suggested implementation of tissue based standards. The draft Methylmercury

Implementation Guidance documents could also set precedent for the draft Selenium Tissue Based Implementation Criteria.

Mentoring

CWWUC members have funded significant work to support the development of a mentoring program that includes the web site for water and wastewater mentoring.

The Mentoring Program is designed to provide online (Post a Question) and personal (Peer to Peer) mentoring services to water and wastewater utilities throughout the State of Colorado. The Program is to assist communities and private entities with water and wastewater problems, compliance issues, watershed activities, and standards-related issues. Mentees will be able to be matched with mentors, to ask questions online (Bulletin Board), and to link to other web sites to find a consultant, contractor, or service to assist them with their question(s) or problem(s). Mentees receive technical and managerial expertise from experienced individuals (mentors) without having to learn by trial and error resulting in lower risk and lower cost.

Nutrient

Special assessments collected in 2006-07 have funded support from GEI/Chadwick Ecological.

The scope included continued involvement in the Nutrient Workgroup. In addition, any work products from the Division will require technical review and comment. This project probably will require an expanded scope as we begin preparation for the 2010 Basic Standards Hearing.

Selenium Studies

CWWUC submitted extensive comments to EPA on the Selenium Draft Tissue Criteria Document after GEI/Chadwick Ecological completed their review and compared the document to the CWWUC database. Charles Delos of EPA issued a request for additional studies to be done on the bases of all the comments that EPA received. As a result CWWUC contracted with GEI/Chadwick Ecological perform two additional studies:

- 1) Evaluation of organ to whole body relationships to measure variation in bioaccumulation for various fish species.
- 2) Comparison of fish community bioassessment data with tissue selenium levels by analyzing fish population data vs selenium concentration from the Selenium database, to measure the quality of the fish population.

These studies were based on the CWWUC statewide selenium database and City of Pueblo sampling, as well as the fathead minnow maternal transfer study that GEI/Chadwick Ecological did in cooperation with ConocoPhillips. This study collected fathead eggs at three sites in Colorado, then took the eggs to the lab to study the eggs-to-hatch-to-larvae-to-short term survival to observe potential reproductive deformities.

The report from these studies is expected in October 2007.

Selenium Database

The CWWUC developed a statewide selenium database of water quality and tissue data in 2005 that is located on the CWWUC web site for individual use. Parametrix, the consulting firm that did the database for CWWUC, is now developing a larger western, and slightly national, database similar to the CWWUC database and has been given permission to include the CWWUC database in that project. Rio Tinto, formerly Kennicott mining, is funding this project. All of the present database as well as the additional work that GEI/Chadwick Ecological has performed for Pueblo and CWWUC Selenium Criteria Studies will also be included in the submittal of data. When complete this database will be made available for our use.

Temperature

CWWUC worked closely with the Temperature Group to fund review of the Divisions proposals for the temperature standard adopted at the 2005 Basic Standards Hearing. This group was very effective in obtaining numerous revisions to the Divisions proposal that improved the scientific basis of this new standard. CWWUC will continue to support work to review the implementation guidance when it is made available by the Division.

IV. Year in Review, Paul Grundemann

A brief report was given by Paul Grundemann.

V. Financial Report - Paul Grundemann

Paul Grundemann gave the following summary of the Council's financial situation:

**CWWUC Financial Summary
FY 2007**

Balance - FY 2006	\$ 40,356.46
Income - FY 2007	
Special Assessment: Mercury/Temperature	\$ 14,343.38
Dues	\$ 27,550.00
Total Income	\$ 82,249.84
Expenses - FY 2007	\$ 65,479.31
Special Projects - (\$46,019.65)	
Balance - 9/07/07	\$16,770.54

VI. Open Discussion

- Tim Grotheer recommended that the W. Q. Forum help with Biosolids.
- Tim Grotheer recommended that WWTP facilities consider an exchange program with the WQCD staff.
- It was also recommended that the Council send a letter to Martha Rudolph and Steve Gunderson regarding the changes and the number of new staff within the Division with limited experience.

The meeting adjourned at 8:20 a.m.

**Next Meeting: October 10, 2007
at 11:30 AM at Colorado Springs
(Lunch, Meeting and Tour of the Facility)**