



**Minutes of
September 16, 2008 Meeting
at RMSAWWA/RMWEA Annual Conference
Colorado Springs, CO**

In Attendance:

Gayle Lammers	URS-RMA
Blair Corning	SACWSD
Karl Heil	City of Northglenn
Paul Grundemann	CWSD
Steve Frank	MWRD
Dan Law	Colorado Water & Power Authority
Nancy Keller	Pueblo
Mike Brod	Colorado Water & Power Authority
Tim Grotheer	Carollo Engineers
Bob Anastov	City of Aurora
Dennis Schump	Greeley
Jean Lieske	City of Aurora
Chris Douville	City of Boulder
Bret Linenfelser	Boulder
Cindy Goodburn	L/E WWTP
Stewart Fonda	L/E WWTP
Al Baker	Centennial Water & Sanitation
Terry Franklin	City of Grand Junction
Bill Tomerlin	Carollo Engineers
Garry Mentzer	Reliable Sanitation
Bret Guillock	City of Grand Junction
Gene Michael	Pueblo
Colleen Young	Greeley
Sarah Reeves	SPCURE, Brown & Caldwell
Ginny Johnson	Colorado Springs Utilities
Mary Fabisiak	Westminster
Paul Ferraro	CWWUC

I. Welcome

Paul Grundemann welcomed the members and others to the Annual CWWUC meeting.

II. Election of Officers

Paul Ferraro mentioned that seven facilities voted by email for the slate of Officers and Directors. At the meeting, all members unanimously voted for the following Officers and Directors:

Position	Name	Utility	Telephone
Chair	Paul Grundemann	Centennial Water & Sanitation District	303.791.7181
Vice Chair	Amy Woodis	Metro Wastewater Reclamation District	303.286.3240
Treasurer	Blair Corning	South Adams County Water & Sanitation District	720.206.0463
Secretary	Brett Linenfelser	City of Boulder	303.413.7355
Director	Mary Gardner	Littleton/Englewood WWTP	303.762.2605
Director	Nancy Keller	City of Pueblo	719.553.2862

III. Council Project Update

Nancy Keller gave an overview of the projects that the Council is working on. To see her report, click [here](#).

IV. Year in Review and Financial Summary

Paul G. gave an overview of the Council's activities for the year and a Financial Review. To see his report, click [here](#).

The meeting adjourned at 7:45 AM.

Next Meeting: October 8, 2008 at 1 PM at L/E WWTP

CWWUC Projects

Aquatic Life and Nutrient

Special assessments have funded support from GEI/Chadwick Ecological. The original scope included ongoing involvement in the Aquatic Life and Nutrient Workgroups as the Division began to formulate their aquatic models and studied nutrient indicators. As work products have become available GEI has been retained to do the following:

- Evaluation of Chlorophyll Thresholds
- Colorado Lake Database
- Technical Review of WQCD's Lake & Reservoir Methodology and Proposal
- Evaluation of Nutrient Criteria for Streams & Rivers

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 assists 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.

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, and then took the eggs to the lab to study the eggs-to-hatch-to-larvae-to-short term survival to observe potential reproductive deformities.

This data was submitted to EPA and presented by GEI at several conferences.

Selenium Database

In 2005 CWWUC developed a statewide selenium database of water quality and tissue data which is located on the CWWUC web site for individual use. Parametrix, the consulting firm that developed this database for CWWUC, is now developing a larger western US and Canada database similar to the CWWUC database and has been given permission by CWWUC to include our 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. Parametrix has just finished soliciting data from industries in August 2008 and will be moving forward to complete the database. When complete this database will be made available for our use.

**2008 ANNUAL REPORT FOR ANNUAL MEETING
HIGHLIGHTS OF COUNCIL ACTIVITIES**

Meetings

The Council held all of its meetings at the Littleton/Englewood Wastewater Treatment Plant except its July meeting was held at the Plum Creek Wastewater Facility, Castle Rock and included a tour of the facility. Its September meeting is being held at the Rocky Mountain Water Environment Association Conference in Colorado Springs, Colorado.

Informational Presentations Made At Council Meetings

- ✓ Paul Frohardt, CWQCC - CWQCC 2008 Activities/Water Quality Forum Workgroup Update
- ✓ Keith McLaughlin, Donna Davis and Barry Cress - Revolving Fund - Funding Alternatives
- ✓ Dave Moon, Sarah Johnson, Jim Keating - Use Attainability Analysis
- ✓ Michele Wind - Model ERP Changes
- ✓ Paul Gundemann - Industrial Pretreatment Program and Biosolids Program Delegation
- ✓ Martha Rudolph - Colorado Environmental Programs and Environmental Legislation Update
- ✓ Doug Kemper, Colorado Water Congress - Colorado Water Congress Activities & Issues
- ✓ Todd Harris, Bill Battaglin, Bret Linenfelser - Emerging Contaminants of Concern
- ✓ Steve Gunderson, Legislative and General Update
- ✓ Dave Akers, SSO and Antidegradation
- ✓ Andrew Ross - Permitting
- ✓ Russ Sands - Potential Changes to the Colorado Primary Drinking Water Regulation
- ✓ Tour of Plum Creek Wastewater Facility

Council Projects And Initiatives To Support The Interests Of Council Members

Projects:

- ✓ Supported participation by GEI Consultants, Inc. (formerly Chadwick Ecological Consultants) in the Nutrient Criteria, Aquatic Life, and Temperature Stakeholders Workgroups

Seminars:

- ✓ Permit Negotiations Workshop – May 19, 2008, in Glenwood Springs, Colorado, in cooperation with the Water Quality Control Division and CRWA. This seminar provided an overview of State discharge permitting requirements to assist wastewater treatment facilities.

Nearly 30 people were in attendance representing all sizes of wastewater utilities throughout the State.

- ✓ Provided speakers for Colorado Rural Water Association and RMWEA annual conferences.

Other Activities:

- ✓ Provided periodic updates to Council members on legislative activities.
- ✓ Provided updates to members on status of issues of interest discussed at Water Quality Forum meetings.
- ✓ Provided summaries of Water Quality Control Commission rulemaking hearings and issues.
- ✓ Provided coordination with other groups such as the Colorado Water Utility Council, RMWEA, and Colorado Rural Water Association.
- ✓ Council Mentoring Website and Program– containing information for participating mentors and mentees is a Water and Wastewater Mentoring Program.
- ✓ Third year of publication of Council Quarterly Newsletter, *Confluence*.

Reports & Brochures Developed

- ✓ 2007 Annual Report and 2008 Program Plan.
 - The Council developed and distributed to its members the eleventh Annual Report and Program Plan.
- ✓ 2008 Membership Brochure.
- ✓ Mentoring Brochure and documents.
- ✓ The Council developed four quarterly Newsletters, *Confluence*.

Council Actions

- ✓ The Council elected unanimously the following Council members who served as officers: (September 2007)
 - Paul Grundemann, Chair
 - Amy Woodis, Vice Chair
 - Bret Linenfelser, Secretary
 - Blair Corning, Treasurer
 - Mary Gardner, Director
 - Nancy Keller, Director
- ✓ Website: The Council's updated website is used to post minutes, letters, and other information. Visit the Council's website: www.cwwuc.org and the Mentoring website: www.cwwuc.org/mentoring.
- ✓ The Council hired GEI Consultants, Inc. to assist in Temperature, Nutrient and Aquatic Life. Members provided funding to support these projects.
- ✓ Mentoring: The Council added Water to the Wastewater Mentoring Website and launched the program with the support of the Colorado Rural Water Association, Colorado Water Utility Council and the Colorado Water Quality Control Division.

New Members During 2008: Aspen Consolidated Sanitation District

FY 2008 Financial Summary as of August 31, 2008

Balance - FY 2007 \$ 15,835

Income - FY 2008

Special assessment: Nutrient/Selenium \$ 35,100

Dues \$ 38,650

Total Income \$ 89,585

Expenses - FY 2008 \$ 43,687

Balance - \$ 45,898
8/31/08