



Rocky Mountain AICHE News

February 2003

Volume 12 Number 5

February Section Meeting: Re-use of Water

Our presentation this month is on the very timely topic of the re-use of water by Denver Water. Denver Water has investigated methods of reusing treated wastewater since the late 1960's. Studies included the examination of producing both potable and nonpotable recycled water. Between 1985 and 1991, Denver Water operated the Potable Reuse Demonstration Project. This was a research project, partly funded by the Environmental Protection Agency, to determine the feasibility of producing safe drinking water from treated wastewater. During the potable project, one portion of the plant effluent was dedicated for nonpotable reuse evaluation. A number of nonpotable pre-design studies were also conducted from 1989 to 1997. These studies culminated in the design of a 45 mgd nonpotable recycled water plant that is currently under construction, with operations expected to begin in 2004. Water from the plant will serve irrigation and industrial needs of golf courses, parks, lakes, cooling towers, and oil refineries. Reuse continues to be an important part of conserving and extending Denver Water's supplies for the future.

Mr. Myron Nealey of Denver Water will be giving the presentation. Mr. Nealey is a hydraulic engineer at Denver Water and has worked on various reuse projects over the last 17 years. He has a degree in Chemical and Petroleum Refining Engineering from the Colorado School of Mines and is a registered professional engineer in the State of Colorado and a member of the American Water Works Association.

February Section Meeting

- Speaker:** Mr. Myron Nealey
Denver Water District
- Topic:** Re-use of Water
- Date:** Tuesday, February 18, 2003
- Time:** 6:00 p.m. Doors open
6:30 p.m. Dinner served
7:00 p.m. Presentation
- Location:** Denver Water Administration Bldg
Board Room
1600 W. 12th St.
303-628-6000
- Cost:** \$15 (half price for students and unemployed)

Please RSVP by **Friday, February 14th**. Indicate your name, phone number, and number of attendees by e-mailing Kevin Milliman at kevin.milliman@earthtech.com. Alternatively, you may leave a voice mail for Kevin at 303-804-2374.

AIChE's Government Relations Committee Public Policy Priorities

AIChE's Government Relations Committee (GRC) has established the Institute's public policy priorities for 2002. The Government Relations Committee selected the priorities on the basis of their potential to impact chemical engineers, AIChE's ability to contribute in a meaningful way to the public discussion on the issue, and the interest expressed by AIChE members. Below is a brief synopsis of each priority.

National Energy Policy - The development of a national energy policy is currently in the spotlight across the country. Many solutions have been proposed, each addressing one or more specific societal value, oftentimes in direct conflict with competing objectives. Based on past experiences, compromise is essential, and those compromises become more palatable as new technologies are developed and become available. Chemical engineering, as a discipline, fosters and enables those technological innovations.

Association Health Plans (AHPs) - Frequent changes in engineering employment have affected engineers' employment benefits. AIChE recognizes the importance of improving opportunities for all workers to gain access to health care coverage. AHPs increase access to affordable health care options for families employed by small businesses.

Nuclear Energy - The AIChE Nuclear Division believes that nuclear power should be poised to make a significant contribution to solving both national and worldwide energy/environment problems. Furthermore, AIChE recognizes nuclear power as one possible tool in addressing concerns over greenhouse gas emissions, provided its political and technical problems are resolved.

MTBE - AIChE believes that MTBE should ultimately be removed from use as a fuel additive if done in a deliberate and phased manner as the nation adopts appropriate different fuel standards. AIChE supports the use of emission performance standards to provide refiners with maximum flexibility in supplying fuels to meet air quality goals.

Early Action Credits - AIChE believes that providing credits for early action to reduce greenhouse gas emissions is in the public interest and should be set in place to the extent politically supportable, providing that the credit program focuses on the stimulation of advances in technologies for reduction and avoidance of greenhouse gas emissions.

Federal Funding of Research and Development - AIChE supports federal funding of key chemical engineering research and endorses a doubling of federal funding for science and engineering research over ten years, provided that the increased funds are targeted to address critical needs.

Fully Portable Retirement Plans - AIChE supports the development of broad-based, voluntary, portable retirement systems designed to meet the needs of employees and employers in the changing work environment.

Global Climate Change - AIChE advocates federal support of research on technologies to reduce greenhouse gas emissions. The results of the research would provide an insurance policy against the more drastic scenarios of climate change, should they come to pass, and would also produce tangible societal benefits in other areas.

Research and Experimentation Tax Credit - AIChE supports a permanent extension of the tax credit, which is available for certain R&D investments.

Right-to-Know - AIChE seeks to ensure that community "right-to-know" efforts regarding chemicals provide meaningful information based on credible scientific and technical data.

Superfund Reform - AIChE supports comprehensive reform of the Superfund hazardous waste cleanup program, including adoption of an engineering-based "results-oriented" approach to cleanups.

UPCOMING MEETINGS

Do you have a topic you would like to learn about? Would you or your company like to present a program or host a meeting? Please contact Kevin Milliman at 303-804-2374 or e-mail to kevin.milliman@earthtech.com with your suggestions.

AIChE Meetings

2003

March 30-Apr 3	2003 Spring Nat'l New Orleans, LA
May 4-7	2003 Management Amelia Island, FL
May 5-8	Offshore Tech Houston, TX
June 22-25	Process Develop. Symposium Poconos, PA
Sept 4-5	Engr. & Construc. Contracting Scottsdale, AZ
Sept 15-18	Safety in Ammonia Plants Orlando, FL
Sept 23-25	CCPS Int'l Scottsdale, AZ

For further information, contact
National AIChE.

National AIChE Contact Info

AIChExpress Service Center:

(US/Canada): 1-800-AIChemE
(1-800-242-4363)
(International): 212/591-8100
Fax: 212/591-8888
E-mail: xpress@aiiche.org

Member Services: 212/591-7981

Career Services: 212/591-7670

Govt. Relations: 202/962-8690

Govt. Relations Fax: 202/962-8699

Web Page: <http://www.aiiche.org>

Rocky Mountain AIChE Officers

Dennis Gertenbach	Director	303/279-4501
James Meyer	Chair	720/201-0148
Kevin Milliman	Vice-Chair / Program	303/804-2374
Curtis Dominicak	Secretary	303/969-9416
Craig Wildemuth	Treasurer	303/791-6307
Stephanie Church	Membership	303/978-3084
Martin Vorum	Employment Info	303/789-0848
Collin Greenwell	Student Chptr. Liaison	720/497-2133
Laura Moes	Editor	303/770-2432

Rocky Mountain AIChE News is published eight times a year by the Rocky Mountain section of AIChE. Opinions expressed herein are those of the authors and are not necessarily those of AIChE nor the officers of this section.

The objectives of AIChE are to advance chemical engineering in theory and practice, to maintain a high professional standard among its members, and to serve society, particularly where chemical, engineering can contribute to the public interest.

AIChE Offers New Services for Members

AIChE provides several new services for members on their Online Community. It is a place that you can exchange ideas and information, access networking possibilities, and jump-start or build your career. Some of the free services available at <http://www.aiiche.org/member/community.htm> include:

- An up-to-date, searchable, online member directory. The AIChE Online Directory is a powerful tool which contains comprehensive personal and professional member data. To locate a member, you can search several combinations including name, city/state of residence, country of residence, occupation, job title, employer name and city/state of business. The information displayed is the same as was in the print version of the AIChE Membership Directory.
- Career Corner with online job posting
- Make new connections with the Online Community. Join in, communicate and interact on-line, real-time.
- Keep up on the job market with tables and graphs of salary data for chemical engineers. Find it in the Career Toolkit.

To become a member of the Online Community you must register at the website. It's quick, it's easy, and it's valuable to further your career.

Rocky Mountain AIChE News
America Institute of Chemical Engineers
1025 West Peakview Circle
Littleton, CO 80120-3327

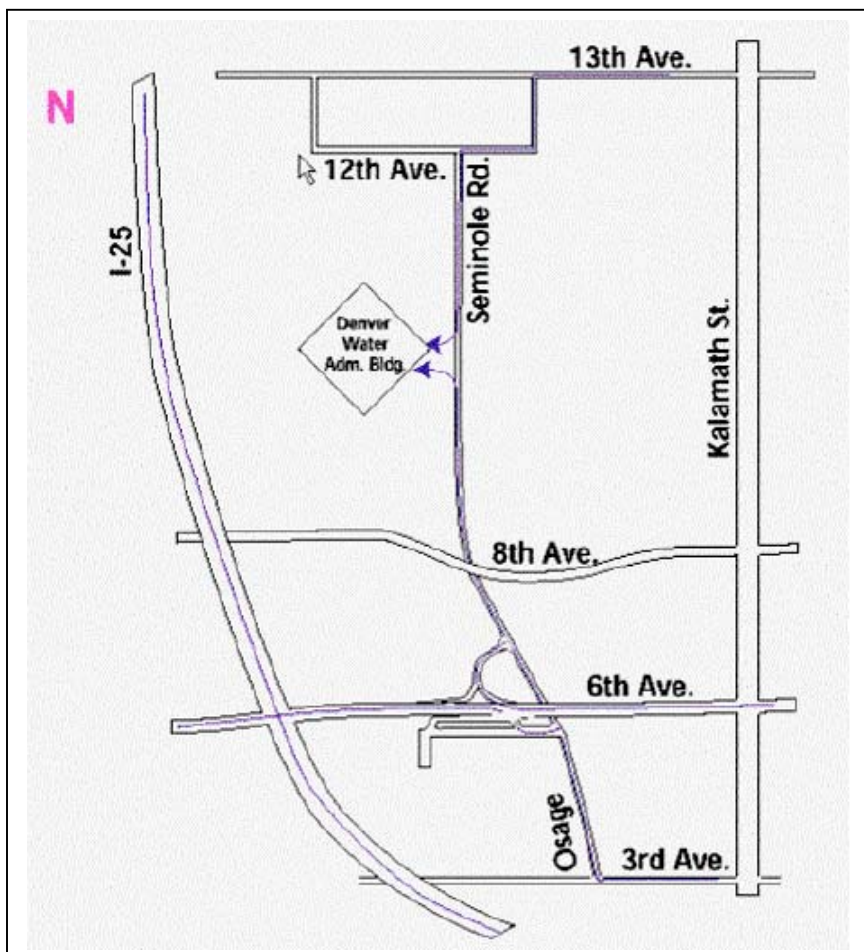
Return Service Requested

On the Web at:

<http://www.aiche-rm.org>

Send us your e-mail address

(send to mmoes@ekiconsult.com) and
receive this newsletter electronically!



DIRECTIONS FROM I-25:

Take I-25 North to 6th Ave and exit to the east. Stay in the right hand lane and then veer to the right (towards Osage St). You will pass under a viaduct and then reach a stop sign. Turn left at the stop sign (Osage St/ Seminole Rd) and follow the Denver Water signs as posted. Meet in the lobby of the brown Administration Bldg (the biggest building).

DIRECTIONS FROM STATE CAPITOL:

Go west on W. 13th Ave and cross over the light rail tracks. Turn left at the 1st street (Quivas St). Turn right at the next stop sign. Turn left at the Denver Water entrance. Follow the road to the end of the drive. Meet in the lobby of the brown Administration Bldg (the biggest building).