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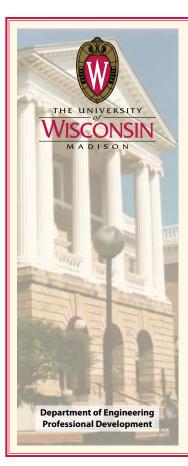
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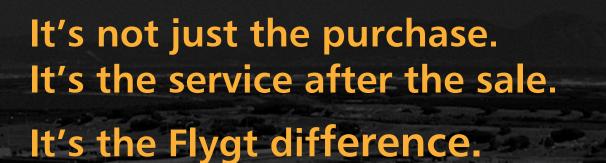
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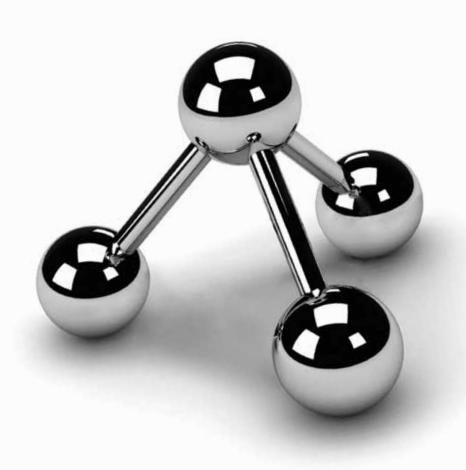
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A Dynamic Industry

By Ralph B. (Rusty) Schroedel

ummertime, and the livin' is easy," or so the song says. (I personally prefer the Janis Joplin version.) As I write this, we are approaching the end of summer which hopefully has been enjoyable for all of you. However, nothing in our dynamic industry appears to be taking it easy. All levels of government, our parent organization, and your local association have been active dealing with a wide range of issues, initiatives, and activities. I find it both challenging and exciting to be part of this dynamic activity.

Nationally and locally, issues such as nutrients, blending, disinfection, incineration, funding, security, microconstituents, and our carbon footprint are all being discussed and addressed in some way, shape, or form. As an organization that supports environmental protection, we can have a major role in helping to shape the future regulatory roadmap. It is interesting to think about how, not so long ago, many thought that implementation of secondary treatment would be the end of all major wastewater work. It makes me wonder what issues our next generation of water quality professionals will be addressing.

The Water Environment Federation continues to address and improve the communication, coordination, and cooperation between WEF and the local associations. As Central States president, I am amazed by the frequent, relevant information provided by WEF to our local association Executive Committee. I've personally become very

impressed with our WEF Executive Director, Bill Bertera, and think we can all be proud of belonging to such a well run and managed organization. Recently, your Central States Executive Committee participated in a conference call as part of a Member Association Outreach program. Issues such as expectations of each other, understanding of resources available, and gaps in service were discussed. We will soon receive the report summarizing the results from calls with all MAs and will share that information with you in the future.

The national and local regulatory area continues to evolve. Nationally, issues such as funding levels and handling of wet weather flows may have a major impact on all of us in the future. Locally, several issues are being addressed as well. For example, in Wisconsin meetings are being held regarding potential nutrient limits far more stringent than we have ever seen. The Wisconsin Section has been actively tracking and participating in the dialogue on this contentious issue. Furthermore, local governments are closely tracking expenditures as the economy is impacting all of us.

I believe we are the best suited professionals to address these challenging issues.

CSX 2009

Once again, we held our Central States Exchange (CSX) at the Kalahari Resort in the Wisconsin Dells. On July 16-17, the Executive Committee, State Section officers, and committee chairs were invited to share ideas, issues, and concerns in a casual environment intended to enable free and open communication. Although a smaller group than in the past, the engaged and enthusiastic group identified several ideas and initiatives for enhancing and improving our local association and sections. Want to help set the future direction of this organization? Get active, get to a leadership position on a committee, and get to CSX. This year some ideas such as better engaging students and young professionals, and developing workshops to address operating problems were discussed. Elsewhere in this issue you will find more information on the latter item.

(Continued on page 8)

"Want to help set the future direction of this organization? Get active, get to a leadership position on a committee, and get to CSX."

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WEFTEC 2009

In this economy, I know it will be difficult for many of you to attend WEFTEC in Orlando. I hope those who can find a way to go will take advantage of the many opportunities to learn, interact with other like-minded professionals, and develop relationships. Our Executive Committee will meet on Sunday, October 11. This is one of our regularly scheduled meetings. Contact your state section trustee or an Executive Committee member with any question, issue, or concern you have regarding the activities of your association. Also, as in the past several years, we will hold a reception, in conjunc-

tion with the Illinois Association, on Sunday evening. If you are attending WEFTEC, please be sure to come to this free event for some fellowship and refreshments. And, please be sure to thank the sponsors whose contributions make this event possible. Once again, we will have two teams participating in the Operations Challenge. We wish them luck and know that, as always, they will represent us well.

So, maybe summertime living hasn't been easy, but it has been interesting, challenging, and exciting. Our work continues to be dynamic, creating opportunities for all of us. I hope to see you at a meeting soon. CS

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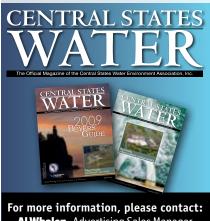
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BUSY!





s I reviewed each of the messages from our contributors, I came across a common theme...BUSY! We all seem to be incredibly busy and I don't know about you, but it seemed like the summer just shot by, or did I blink? Our lives have become so cramped with activities, deadlines and commitments, we all seem to rush from one to the next, without time for much of a breath between, let alone a quick stop to smell the roses.

Society has undergone a tremendous change with technology chaining us to our

responsibilities through cell phones, text messages, Twitter (whatever that is) and other tools intended for convenience, but exploited by those who would wish our constant attention; employers, constituents, clients and much more rarely, family. There seems to be no escaping our responsibilities, not even for a few moments and I can think of nothing more rude than receiving a phone call from work when I finally snuck away for a couple of hours of fishing from my canoe. I don't know about you, but I can't seem to bring myself to shut off my cell phone(s),

except when they make me on airplanes. When I do shut them off, my sense of relief is quickly replaced with dread, knowing that there will be several voice mails, tons of emails and even a text or two about picking something up on the way home, (which I don't mind as long as it's beer that's needed!)

Knowing how busy everyone is makes it vitally critical that the time you spend with Central States is well spent, rewarding and enriching. We strive as an association to make each of our events the best they can be, at all levels. We seek feedback to assure that we are exceeding expectations for our various seminars, conferences and other events. We value your feedback and appreciate the time you take from your busy schedules to provide thoughtful constructive criticism or pass along a couple of kudos to a hard working seminar committee. A good deal of time was spent at CSX '09 discussing our

"Knowing how busy everyone is makes it vitally critical that the time you spend with Central States is well spent, rewarding and enriching."



need to assure that each of our events provides value to our members and is never perceived as a waste of time. Our Technical Program Committee strives to provide the best possible program of wide interest to our many members of diverse backgrounds. Careful thought is put into meeting the educational needs of facility operators, collection system operators, engineers, managers, consultants, academics and equipment manufactures and representatives when selecting technical papers from the many abstracts submitted. Equally, the Education Seminar Committee spends a tremendous amount of time identifying the best possible speaker for each of the program elements on the topic to be presented. Selected presenters are not just subject matter experts; they are able to present information in a highly meaningful way, assuring that the audience's varying needs are met. We value your time, and value your attendance and support of our many events.

In my last message, I discussed the potential impact of the ARRA "stimulus funds," and I am amazed at just how busy consultants are letting bids. Equipment suppliers, contractors and others are overwhelmed with preparing one bid after another, on a super tight schedule and with even more red tape than ever Our hope is that this BUSY is good and will lead to a resurgence of jobs and result in the badly needed shot in the arm for our economy. As the floodgates of projects break open, we can only hope that the results are good for all of us and at some point, we can return to a more normal pace of business in a strong and growing economy.

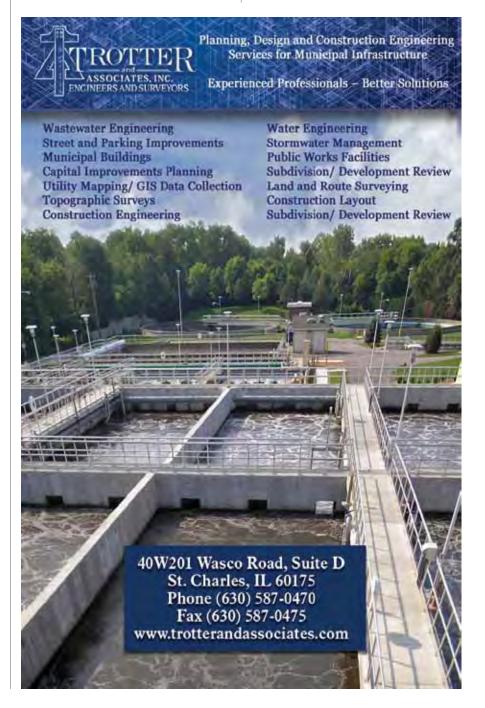
On a final note, in the Summer issue of Central States Water, there were many wonderful, high quality photos of our 82nd Annual Meeting. There is a very good reason that the photos were of such quality...I didn't take them. Being the very BUSY guy that I am, I forgot to provide a photo

"As the floodgates of projects break open, we can only hope that the results are good for all of us and at some point, we can return to a more normal pace of business in a strong and growing economy."

credit to my daughter Emily, who is a skilled photographer able to take well composed and in-focus photos, even in the fast moving atmosphere of an awards ceremony. I can only hope that

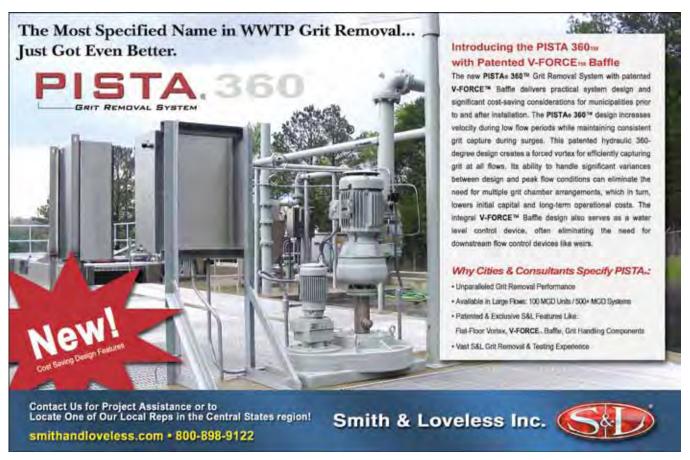
she has been too BUSY to notice this oversight!

We'll see you at WEFTEC '09...do not miss the CSWEA/IWEA Welcome Reception! CS



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CSWEA 83RD ANNUAL MEETING

This is a solicitation for abstracts of papers to be considered for presentation at the 83rd Annual Meeting of the Central States Water Environment Association, Inc., which will be held May 11-14, 2010 at the Monona Terrace in Madison, WI. To receive consideration, abstracts must be submitted to the Technical Program Committee by December 7, 2009.

As a part of the technical program in 2010, as in past years, we hope to offer concurrent sessions of papers dedicated to specific topics associated with Wastewater Collection and Treatment. Topics of special interest for the 2010 technical program include:

 Automation/Instrumentation & Control/Information Management

- Biosolids Management and Environmental Management Systems
- CMOM Program Development and Implementation
- Collection System Design and Operation
- Energy Conservation, Production and Utilization, Sustainability in Design and Construction
- Industrial Treatment, Pretreatment and Pollution Prevention
- Infiltration/Inflow Management
- Laboratory Issues
- Management Issues
- New/Innovative Technology Research and Application
- Non-Point Pollution Sources and Management

- Nutrient Removal and Management
- Wastewater Treatment Operations, Process Control, Optimization and Start-up Issues
- Regulatory Issues
- Security Issues
- Solids Handling/Biosolids Treatment & Stabilization
- Stormwater and Combined Sewer Overflow (CSO) Management
- Toxics/Emerging Pollutants Monitoring and Control
- Treatment Design Issues and Considerations
- Wastewater Reuse Applications, Technology and Regulatory Issues
- Water Quality/Watershed
 Management Issues and Initiatives

The Technical Program Committee is particularly interested in operations-oriented papers and case studies. Papers on other subjects which you feel may be of interest to members are, of course, also welcome. All written papers submitted are eligible for the Radebaugh Award.

To receive consideration, please submit an electronic copy (via email or CD) of your abstract to the Technical Program Committee, care of Steve Reusser, to the address below, by December 7, 2009. Please refer to the contact information below for additional information. An electronic version of the instructions for submission of abstracts and the Abstract Information Sheet which should be submitted with your abstract can be downloaded from the CSWEA website, or please send me an email and I can forward it to you. Thank You!

Steve Reusser
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INSTRUCTIONS FOR THE SUBMISSION OF ABSTRACTS & CRITERIA FOR PAPER SELECTION ANNUAL MEETING

The Central States Water Environment Association (CSWEA) Technical program Committee has the responsibility for technical sessions at the Annual Meeting. Participants in any sector of the water environment field are cordially invited to submit abstracts for evaluation. The basis for selection will be the excellence of the abstracts as judged by the committee.

Abstracts should be between 250 and 500 words in length. The abstract should be submitted electronically (double-spaced) to the Technical Program Chair whose name and address are shown on the Abstract Information Sheet. In order for an abstract to be considered by the Technical program Committee, the Abstract Information Sheet which serves as the cover page of each of the abstracts, must be included with the abstract. The total number of abstract pages, including tables and figures, should not exceed six (6).

The presenting author of each abstract will be notified in February of the acceptance or rejection of the abstract.

The following should serve as a guide in the preparation of the abstract.

 Originality & Status of Subject: The paper should deal with new concepts or with new and novel applications of established concepts. It also may describe substantial improvements of existing theories or present significant data in support or extension of those theories. Broad studies of ill-defined problem situations should be avoided. Previously published data should be introduced only in summary form and for comparative or supportive purposes.

The abstract should substantiate that the project has been fully developed, that the theory or experimental procedure has been firmly established, and that data have been collected and subjected to analysis. It should be evident that the abstract clearly describes the entire content of the paper to be presented.

- Technical Content: The conditions under which data were obtained should be presented along with the methodology used. The conclusions presented should follow directly from the investigation conducted.
- 3. Water Environment Significance: The paper should relate clearly and significantly to the water environment field. Papers of a truly fundamental scientific nature are desired, but the author should make evident the relationships of the work to a practical problem area or situation in water quality and wastewater control.
- 4. Adequacy of Abstract Preparation:
 Recognizing the adequacy of an
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 quality of the final paper. Authors are
 urged to prepare their abstracts with
 care. Objectives, scope, and general
 procedures should be included insofar
 as the limited length of the abstract
 permits. An indication of conclusions is
 desirable. CS



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ABSTRACT INFORMATION SHEFT

Paper Title:	
Author(s), Title, Affiliation, & Address: (Underline person presenting paper):	
Will this or similar work have been presented or published elsewhere by the time the Annual Meeting is held?]Yes
If yes, where?	
An electronic copy of the abstract should be forwarded to: Steve Reusser, Chair, Technical Program Committee Madison Metropolitan Sewerage District 1610 Moorland Road, Madison, WI 53713 Telephone: 608-222-1201 ext. 263 Fax: 608-222-2703 E-mail: stever@madsewer.org	
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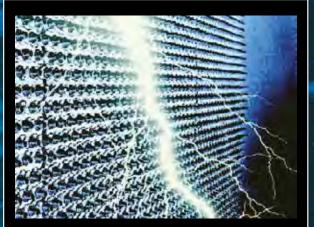
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CSWEA and IWEA members are invited to join us for our 14th Annual WEFTEC Welcome Reception, Sunday, October 11, 2009. The reception will be held from 6:00 p.m. to 8:00 p.m. at the WEFTEC Host Hotel, The Peabody Orlando Hotel. This event has become the "not to be missed" kick off to WEFTEC and provides an excellent opportunity to meet up with friends and make plans for the week. Our joint Welcome Reception continues to be a wonderful success thanks to the support of our many sponsors. Oops...forgot to become a sponsor, no problem; you can easily register your firm's sponsorship by visiting www.CSWEA.org. See you all there!

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WEFTEC '09 for Students and Young Professionals

Several exciting events are in store for our Students and Young Professionals attending WEFTEC '09 in Orlando. Be sure to support our two CSWEA Student Design Teams, who will compete on Sunday, October 11 from 12:30 to 6:00 p.m. Our team from the University of Wisconsin, Madison will compete in the classic design category, presenting their project "The Application of Co-Digestion in Madison Wisconsin and Surrounding Communities". Presenting will be Josh Gable, Nick Bartolerio, Dan Bauknecht, Michael Sargent, Hiroko Yoshida and Kevin Ziolo. The advisor for the U of W team is Dr. Jae Park. Our team from the University of Minnesota will compete in WEF's new category, for Humanitarian and Environ-



L-R- Hiroko Yoshida, Nick Bartolerio, Dan Bauknecht, Josh Gable

mental projects and present their project, "Water Supply in Rural Uganda". Presenting will be Adam Both, Steve Hankey, Eric Hettler and Greta Schmalle. The U of M team's advisor is Dr. Julian Marshall. Be sure to stop by and see these amazing presentations, support our teams and if you are a consultant looking for the next great young engineer for your firm, see your future.

Other events for students and young rofessionals include:

University Student Lounge, open Sunday, October 11 through Tuesday, October 13 from 10:00 a.m. to 4:00 p.m. The lounge provides an opportunity for networking, a career fair and a light lunch and refreshments.



L-R- Eric Hettler, Steve Hanke, Adam Both

WEF SYPC Community Outreach Project, Wading Wetlands, a service project to replant, restore and revitalize the wetlands. The project will be undertaken on Saturday, October 10 from 8:00 a.m. to 3:30 p.m. at the Orange County Utilities Northwest Reclamation Facility in Orlando.

WEF's Student and Young Professionals Committee will meet on Sunday, October 11, from 8:30 a.m. to 11:30 a.m.

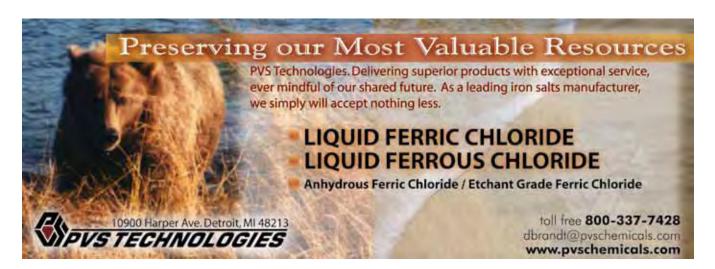
The Student Chapter Annual Meeting will take place on Monday, October 12, from 10:30 a.m. to 12:00 p.m.

The Young Professionals Technical Sessions are scheduled for Monday, October 12, from 10:30 a.m. to 12:00 p.m., WEFTEC '09 Session #12, "Sustainable Solutions in Wastewater Treatment" and Session #38, "Achieving Low Nitrogen Limits with IFAS, MBBR and MBR".

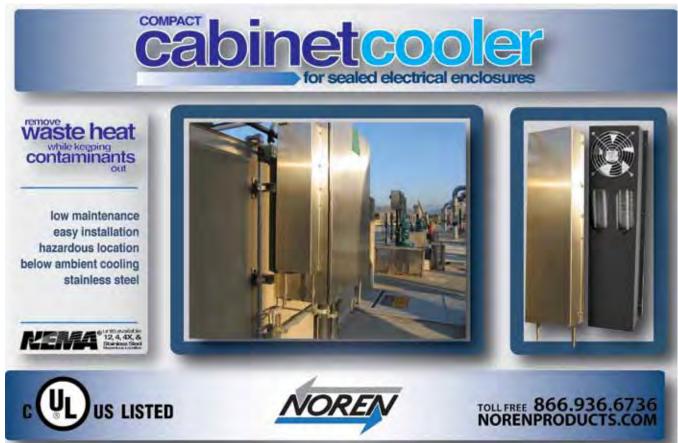
The Student and Young Professional Networking and Career Fair will be on Monday, October 12 from 1:00 p.m. to 4:00 p.m.

The Poster Symposium will be Monday, October 12 from 1:30 to 5:00 p.m.

The Young Professional Reception will also be on Monday, October 12, from 8:00 p.m. to 11:00 p.m. CS







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Support Your CSWEA Operations Challenge Teams

nce again, for the 22nd year, CSWEA will be entering two teams, the Pumpers and the Shovelers to compete in Operations Challenge at WEFTEC '09 in Orlando, Florida. Team members have been hard at work preparing at the CSWEA Official Operations Challenge Summer Camp in Madison Wisconsin. When team members broke camp, they were highly confident having worked to sharpen their wastewater skills.

The Pumpers are comprised of Coach Rich Ashling, Captain Dennis Egge (Janesville, WI), Robert Barnard, (Moline, IL), Darsey Thoen, (Moorhead, MN) and Ken Bloom, (Marathon, WI).

The Shovelers team is lead by Coach Jim Miller, Captain Jim Huchel (Crystal Lake, IL), Matt Schmidt (Kaukauna, WI), Lyle Lutz (Plover, WI) and Todd Carlson, (Duluth MN)

The Central States Water Environmental Association is pleased to offer sponsorship opportunities for our 2009 Operations Challenge Teams. As in the past years, this unique opportunity is offered to members of Central States first, including members, equipment suppliers, engineers and others so you may join in our association's participation in Operations Challenge '09. Your participation will not only enhance the Operations Challenge '09 Teams' ability to prepare and compete, it will continue to promote the association's objective of fostering interaction between all members. We believe that a high profile, professional image is presented by the Central States Operations Challenge Teams, and your participation may supplement your marketing plan and the

portrayal of your service or product.

Sponsorship opportunities are limited, and past sponsors will be given the first opportunity to join the 2009 effort. The deadline for receiving sponsorship is October 2, 2009. We are excited about the WEFTEC '09 and look forward to carrying your company's logo into the Operations Challenge '09 arena.

To become a sponsor, contact Rick Ashling, Coach and Sponsorship Coordinator, at 507-373-9159 or alwtp@smig.net

WHAT YOUR SPONSORSHIP PROVIDES

Funding of the CSWEA Operations Challenge comes from a number of sources. First, CSWEA provides significant funding for the entry fee, as well as a travel stipend for those team members whose employer does not cover team members travel expenses. The individual State Sec-

tions of Central States also provide funding to their team members, again based on un-reimbursed travel expenses. Finally, sponsorship monies supplement the funds available from Central States, and off set some of that cost to the association. It has been an important factor that team members have the opportunity to receive reimbursement travel expenses because it has allowed many more members to become involved in the association. Since our teams are comprised of members from each state, it is important that we have the opportunity to practice together as a unit, since the level of competition has increased over the years.

Thanks to our sponsors, more new people have had the opportunity to participate in this exciting event, regardless of their employer's participation. This further enhances the association by involvement of more members, and facilitating the interaction of members from all geographical locations as well as membership type, whether as a PWOD member, corporate member, equipment supplier, member of academia or the engineering profession.

SPONSORSHIP PACKAGES SPONSORSHIP PACKAGE A

Your company name will be displayed in an appropriately scaled manner on a sponsorship plaque displayed at the Operations Challenge event at WEFTEC '09 in Orlando, FL. Size displayed will be approximately 5 by 7 inches. Cost of Sponsorship Package A is \$500.00

SPONSORSHIP PACKAGE B

Your company name will be displayed in an appropriately scaled manner on a sponsorship plaque displayed at the Operations Challenge event at WEFTEC '09 in Orlando, FL. Size displayed will be approximately 3 by 5 inches. Cost of Sponsorship Package B is \$250.00.

SPONSORSHIP PACKAGE C

Your company name will be displayed in an appropriately scaled manner on a sponsorship plaque displayed at the Operations Challenge event at WEFTEC '09 in Orlando, FL. Size will be approximately 1 by 3 inches. Cost of Sponsorship Package C is \$150.00

ALTERNATE SPONSORSHIPS

Sponsorships in kind, for the donation of other items needed etc. will be acknowledged based on the approximate product value. Should you be interested in these options, please contact me directly. (S

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THE GREAT SUPER BOWLADVENTURE

By Dan Lynch

Have you ever wanted to go to the Super Bowl? Maybe make a weekend of it? It could be fun, but \$800 game tickets, airfare, hotel rooms; it all gets pretty expensive. I never thought I would be going to a Super Bowl; it's hard enough just to get Packer tickets. So how did my wife, Patty and I end up in Tampa Bay at Super Bowl XLIII watching one of the best football games ever? Actually, it was simple. I just had to take a little chance and hope for some luck. I entered a drawing (It's a lot like a raffle, but I don't think I am supposed to say raffle). I didn't expect to win, I entered because it was for a good cause, but as they say - you can't win if you don't play. So read the rest of this article, get out your checkbook (or credit card) and buy a ticket. Only 300 tickets will be available so your chances of winning are pretty good. Don't wait too long or you'll be watching Super Bowl XLIV

from your brother-in-law's couch.

Last year was the first time Central States was involved in The Great Super Bowl Adventure. The grand prize is an all expense paid trip for two to the Super Bowl, a value of about \$6,000. The trip lasts five days (four nights) and includes round-trip airfare to Miami, hotel accommodations, two Super Bowl XLIV tickets and an assortment of VIP/NFL activities. All of the proceeds go to Water for People (WFP), the charity of choice of the Central States Water Environment Association and the Water Environment Federation. The mission of Water for People is to help people in developing countries improve the quality of their life by helping them obtain sustainable drinking water supplies and sanitation facilities. It has helped almost 100,000 people in four continents since it started in 1991. WFP saves lives. It saves children's

lives. WFP is a great organization with a noble cause and deserves as much support as we can give it. Over the years Central States has donated thousands of dollars to WFP and we are always looking for ways to raise more. The Great Super Bowl Adventure is a good way to raise money for this worthwhile cause. Have you found your checkbook yet?

I don't think it's possible to have more fun at a football game than Patty and I had at Super Bowl XLIII. It is an amazing experience, both the game itself and the fanfare leading up to the game. The NFL experience is like a football-focused state fair set up next to the stadium that is open for days before the game. The NFL has events scheduled every day leading up to the Super Bowl. You can golf with NFL celebrities; you can dance and have dinner with the NFL celebrities. You can even bowl with them if you want to. When we got to our seats, we were surrounded by Pittsburgh fans who wanted to know who we were cheering for, I said the Packers. We were adopted by the Pittsburgh fans for the rest of the game. They are good fans. The half-time show with Bruce Springsteen, the fireworks, everything was pretty amazing, but the game itself was fantastic. On our way home Patty and I were talking about going to Miami, even if we didn't win the Great Super Bowl Adventure again, but I have already made my donation.

To buy your ticket make your donation, visit www.CSWEA.org!



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Drawing Date: Late December 2009 Visit www.cswea.org to purchase raffle tickets online.



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CSWEA's CSX/YPX '09 Wrap-up



Once again, leaders from CSWEA at all levels gathered at the Kalahari Resort in the Wisconsin Dells for two days of brainstorming and strategic planning on ways to improve our association. This was a great event with plenty of interaction between committees and our three sections. Here is a rundown of the Big Ideas that we compiled at CSX '09.

ldeas

- Forge a stronger relationship between State Section Committees, CSWEA Committees and the corresponding WEF Committee by:
 - a. Committee Exchange Meetings at the Annual Meeting
 - b. Section or CS Committee member to act as liaison with WEF Committee
 - c. Set up quarterly conference calls for corresponding State Section Committees, invite WEF Committee leader to
- Strengthen committees at all levels, reinforce committees with well defined purpose, action plans and committee leadership succession plans.
- Use Ad Hoc Anaerobic Digester Foaming committee as prototype for filling our member's technical assistance
- Seek to co-sponsor Annual Meetings and other events with state and local operator groups.
- Participate in and support state and local operator group
- Include option for non-CSWEA members to become Associate Members and annual Education Seminar.
- Welcome/Thank you for joining or renewing membership letter (or email) with committee information to all new/ renewal members each month.
- I.D. new members at Annual Meeting, invite them to join committees and get involved.
- Identify CSWEA with World Water Monitoring Day test kits, our future members.
- 10. Heavily promote "cost effective CEU's" at MWIE.
- 11. Solicit and screen papers from Grad and Undergrad students for Annual Meeting.
- 12. Separate solicitations for Student Papers and Student Design Competitions to prompt more interest.



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- 13. Make contact with Student Chapters soon after start of school year, update contact info and link to website.
- Investigate Ontario WEA's Student Chapter Exchange program and replicate.
- Publish testimonials from Students on the great experiences they have had at CSWEA and WEF-SJWP events.
- 16. Conference Call between CSWEA Student Chapter Liaisons prior to school year.
- Provide start up funds for Student Chapter each year, tied to receiving annual report, officer's list and contact info, chapter roster.
- 18. Facebook pages for Student Chapters.
- 19. Co-sponsor social events with State AWWA Chapters.
- 20. Sr. members need to get YPs to events. Sell senior members on benefits of getting YPs to events.
- 21. YP Designation in Technical Program for Annual Meeting to ID YPs.
- 22. YP as moderators for technical sessions at Annual Meeting.
- 23. Include YP on LAC committees.
- 24. Set tangible goals for YP committee, meaningful activities.
- 25. YP connection through e-blasts to YPs Facebook, Twitter etc.
- 26. Set goal of having an YP on every Section and CSWEA Committee, where practical.
- 27. Future YPX to be in form of Boot Camp for young engineers covering marketing, project management, etc. Possibly tied to Ed Seminar opposite of Student Design Competition.
- 28. Retool YPX as Leadership Academy.
- 29. Oh yeah, and keep having fun!

What a great CSX! You do not want to miss CSX '2010 scheduled for July 15-16, 2010 again at the Kalahari. (S







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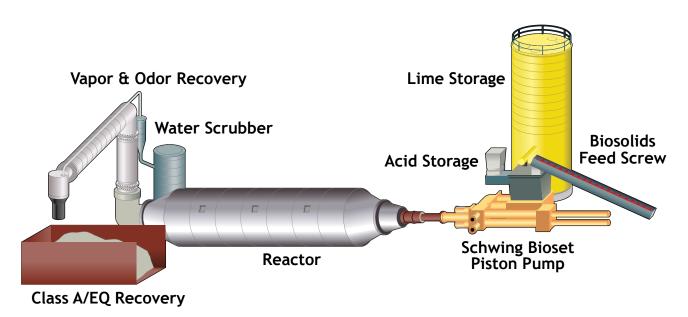


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- · Low capital and operating costs
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- · A clean system that operates virtually free of dust and odor

These were important items for the Dane-Iowa WWTP and the West Central Wisconsin Biosolids Facility. The question is, what is important to you?

Schwing Bioset, Inc. 350 SMC Drive Somerset, WI 54025 www.schwingbiosetcs.com



Here Comes the 5th Annual Midwest Water Industry Expo



By Jay Kemp, Dan Lynch and Dan Duchniak

Can you believe that the Annual Midwest Water Industry Expo is five years old? That's right; the 5th expo will be on Tuesday and Wednesday February 9-10, 2010 at the Kalahari. Plan on attending, the expo is everybody's favorite midwinter getaway. Our first four expos were great and we expect even more fun and good sharing of information in 2010. After returning to the Kalahari last year, we continued a trend of increasing both the number of people attending and the number of exhibits. We expect this growth trend to continue and are planning to be even bigger next year. If you haven't ever been to the expo or you haven't gone recently, come see what you've been missing.

The expo has been enjoyed by the attendees and exhibitors. Both groups found it to be a productive and valuable use of their time. Everyone leaves looking forward to next year. Over the years, a lot of people have brought their families so they can give them a little break from winter at the Kalahari's Water Park. You get a room with up to four water park passes for only \$99.

Last year's emphasis was on improving the vendor talks, getting more operator credits and generating more floor traffic in the exhibit hall. For next year we will concentrate on bringing more equipment into the hall. The expo is intended to be a means to bring utility personnel (or anyone in this profession) into contact with equipment suppliers and manufacturers to promote the free exchange of information. Essentially our goal is to bring a quality water and wastewater exposition to the upper Midwest so operators and others can see equipment that they wouldn't normally have a chance to see.

The expo is the exhibitors' opportunity to present their goods and services to their

customers and potential customers early in the year when purchases are being considered and to provide the opportunity for open dialogue with the vendors for awareness of upcoming projects and utility needs. The Midwest Water Industry Expo accomplishes that goal.

So besides the numerous comments from vendors and attendees alike that the expo was a hit, here's some fun facts about last year's expo:

- Last year, the fundraising raffle gave away well over \$5,000 in prizes including a 42-inch flat screen television, three smaller flat screen televisions and many other exciting prizes. Over the years, the raffle has given away \$20,000.
- The raffle proceeds of over \$2,000
 went to Water For People and Wisconsin
 Water for the World on behalf of Central
 States and WWA. This raffle has raised
 over \$10,000 for these two causes.

- More than 400 individuals, not counting exhibitors, attended the expo.
- 95 exhibit spaces were used.
- Held 32 half-hour vendor presentations where vendors could talk specifically about the products they represent.
- Four CEUs per day, up to a total of eight for water or wastewater.
- Continental breakfast and lunch provided both days.
- Meet and greet from 3:00 to 5:00 p.m. on Tuesday, February 9.

Planning is already under way for the expo, but it's not too late to get involved. If you would like to help on the expo committee, send an email to Jill Duchniak (jill@wiawwa.org) or talk to anyone on the committee. So thanks to those of you who attended a previous expo, and be sure to come back for the 5th! Bring a friend.

See you at the Kalahari. 🍮



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STOCKHOLM JUNIOR WATER PRIZE NATIONAL COMPETITION – ANCHORAGE, ALASKA

Our two students from Minnesota and Wisconsin, Megan Miller and Jamie Molloy, traveled to Anchorage, Alaska in late June to compete in the national SJWP competition. Both had a wonderful time, meeting many fellow students from around the country with awe-some projects and presentations. While their projects were not judged to be in the top three, they did a great job representing CSWEA.





2009 U.S. NATIONAL WINNER: EILEEN JANG – NORTH CAROLINA

Abstract: Mercury (Hg) is an environmental contaminant that is neurotoxic to humans, particularly to individuals exposed through consumption of fish. In aquatic environments, Hg-sulfides, such as HgS nanoparticles, are precursors to methylmercury, the form of Hg that bioaccumulates in fish. Current knowledge is limited regarding processes through which HqS nanoparticles persist. The goals of this study were to: 1) synthesize uncapped HgS nanoparticles, 2) characterize these nanoparticles, and 3) test aggregation rates of nanoparticles in solutions simulating natural conditions. A novel aqueous synthesis process for uncapped nanoparticles was developed using a controlled precipitation process. The resulting metacinnabar-HgS(s) was characterized through transmission electron microscopy, energy dispersive x-ray spectroscopy, and x-ray diffraction spectroscopy. Using dynamic light scattering, the aggregation rate of HgS nanoparticles was found to increase as salinity increased. Furthermore, the aggregation rate decreased in the presence of cysteine, an organic acid prevalent in sediment porewater. Through comparison of cysteine to a structurally-similar organic acid, serine, it is believed that the sulfhydryl group in cysteine is responsible for controlling aggregation rates. By studying the biogeochemical processes of these ubiquitous nanoparticles in aquatic systems, this research has deepened the understanding of mercury in its aqueous phase and furthered the emerging field of nogeoscience.

2009 U.S. NATIONAL FINALISTS: SCOTT BOISVERT – ARIZONA

Abstract: Chytridiomycosis, a disease caused by the fungus Batrachochytrium dendrobatidis, is threatening amphibian populations worldwide. This research evaluated how the aquatic environment of a host amphibian influences the growth of B. dendrobatidis; specifically, the water chemistry. Amphibian habitats were identified for water sampling to represent the major Arizona watersheds, allowing diversity in geographic conditions believed to impact the water chemistry of a site. Bioassay experimentation measured optical density over time, indicating the fungus' growth within each water sample. Ion Chromatography (IC) and Ion-Coupled Plasma Spectrometry (ICP) documented the water chemistry. A stepwise multiple regression analysis (=0.1) isolated the factors significant to B.dendrobatidis growth. Elements were identified as potential inhibitors or facilitators, and bioassay experimentation evaluated their impact on growth. Concluding, the aquatic environment does affect B. dendrobatidis, as growth responses varied dependent upon the chemical composition of the site (R2=99.91%) and varied with geographic location. This project helps to interpret the impact of the aquatic environment on B. dendrobatidis growth. Chytridiomycosis is a global problem, and trends observed in Arizona may help others regions, working to promote a universal solution.

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COLLIN MCALILEY - FLORIDA

Abstract: This project investigated a potentially exciting chemical approach to mitigating the effects of Florida harmful algal blooms (HABs) using the amino acid derivative, cysteine methyl ester (CME). Karenia brevis, the alga causing Florida HABs, releases powerful neurotoxins called brevetoxins. CME was evaluated because it is known to chemically neutralize brevetoxins by molecular binding. The departure point for this project was to investigate how long a single CME treatment would

effectively neutralize brevetoxins, in vitro, at typical Gulf of Mexico summer and winter temperatures, 29°C and 18°C respectively. Sonicated Karenia brevis was combined with artificial seawater. treated with CME, and incubated. The incubated samples were processed using Solid Phase Extraction (SPE) to collect the resulting toxins and derivatives. SPE eluted products were analyzed for brevetoxin content using High Performance Liquid chromatography-Mass Spectrometry. Results showed CME to be very effective in neutralizing brevetoxins. A single CME

treatment remained 100% effective for 37 days and partially effective for at least seven additional days. Temperature was not found to have a significant influence on how long a treatment was effective (P=0.0978).

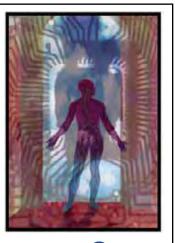
LI BOYNTON - TEXAS

Abstract: The narrow detection range of conventional chemical specific tests necessitates the development of an efficient and versatile assay for the detection of a broad range of water contamination. The presence of such chemicals in domestic water supplies as well as in developing countries also demands a cheaper biotoxicity assay to improve public health worldwide. Thus, research was conducted to explore the effect of six contaminants on the bioluminescence of the bacterium Vibrio fischeri, including CuSO4, ZnSO4, NaNO3, HqCl2, Atrazine, and Permetherin. A decrease in V. fischeri's bioluminescent properties was correlated to the presence of contamination. Bacteria were cultured in both liquid flasks and agar plates, and contaminants were added according to EPA values. To evaluate bioluminescence, cultures were photographed at 30-second exposure in a lightproof box containing a digital camera connected to a PC. Each image was analyzed using the Image J's Batch Measure Macro to obtain its mean light intensity value. The average of multiple trials verified the adverse effect of all contaminants on bioluminescence within 150 minutes of introducing the contaminants. CS

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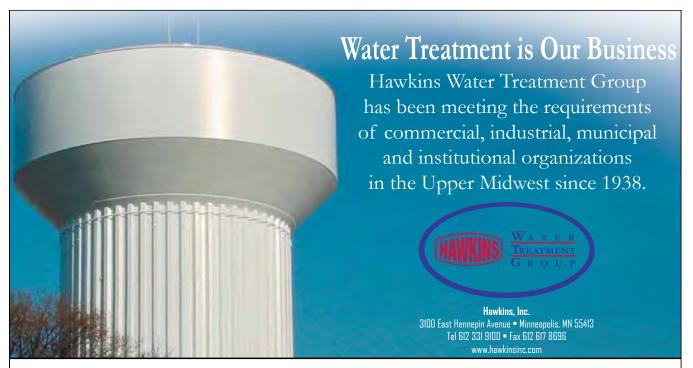
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Aegan Miller with her display



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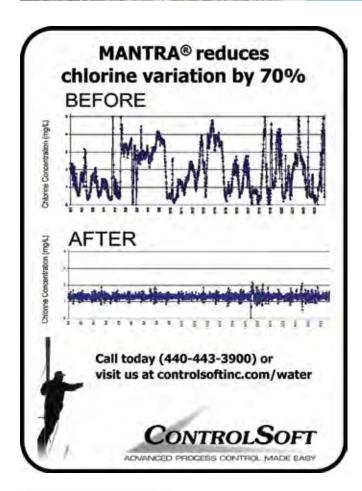
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Joliet, IL

Mike Carroll, Branch Manager One Genstar Drive • Joliet, IL 60435 Tel 815 727 2750 • Fax 815 727 2755 mike.carroll@hawkinsinc.com







Plant Profile By Andy Bradshaw

CITY OF MOORHEAD, MN WASTEWATER TREATMENT FACILITY

The City of Moorhead Wastewater Treatment Facility (MWWTF) service area includes the City of Moorhead, City of Dilworth, and the Town of Oakport, MN. There are approximately 15,600 connections, 178 miles of collection system, and 43 lift stations serving a population of 41,334 residents. Average flow to the MWWTF is 4.5 MGD with a design flow of 6.0 MGD and an average wet weather design flow of 9.0 MGD.

Wastewater and solids treatment process

At the MWWTF, preliminary treatment consists of bar screens, aerated grit removal, and a 1.1 MG equalization basin. Flow from preliminary treatment is routed to one of two parallel liquid process trains. Each train consists of a primary clarifier, a high-purity oxygen activated sludge aeration basin, and two final clarifiers. Following final clarification, flow from each train is combined and directed to three polishing ponds (1.1, 3.0, and 4.9 acres, respectively) operated in series. Between the #1 and #2 polishing ponds is a moving bed biofilm reactor (MBBR) for nitrification. Chlorine gas is used for disinfection and sulfur dioxide gas is used for removal of chlorine residual. A nearly two-mile-long outfall pipe transports treated wastewater to the Red River of the North where the outfall discharges a little more than eight river miles upstream of the neighboring City of Fargo, ND wastewater outfall.

Settled solids and scum collected in the primary clarifiers is pumped directly to one of two high-rate primary anaerobic digesters. The other digester receives waste activated sludge (WAS) and secondary scum after it is thickened by one of two gravity belt thickeners. Gravity belt thickener filtrate is sent to the headworks. Solids are treated to Class B standards in the two anaerobic digesters. A third digester can be operated as a primary digester, but the heating and mixing systems are turned off. This third digester provides temporary storage and is equipped with a membrane gas holding cover and stores gas from all three digesters. Digester gas is burned in a dual fuel boiler for heat recovery and a waste gas burner flares any excess gas. Treated

biosolids are pumped from the secondary digester to an underground biosolids storage facility. In the storage facility, biosolids are gravity thickened with the supernatant being returned to storage basins in the headworks for controlled pumping to the plant. Thickened biosolids are provided to area farmers and land applied for free.

There are 19 full-time and four part-time employees responsible for all plant and collection system operations, maintenance, laboratory, and administrative duties. In addition, MWWTF staff operate and maintain 124 miles of storm sewer, 89 stormwater ponds, 15 stormwater lift stations, and nine flood control lift stations. A supervisory control and data acquisition (SCADA) system is used to monitor both the plant and all lift stations. Process instrumentation and SCADA work is performed by in-house staff.

Facility improvements

Since the facility was placed online in 1983, a number of improvement projects have been completed. In 1987, difficulties with an ozone disinfection system prompted switching to chlorine disinfection. In 1994, the biosolids storage facility was constructed. The MBBR went online in 2003 as one of the first municipal tertiary applications in the country. In 2004, a headworks project included the addition of new force mains, a new influent channel, the equalization basin, new primary clarifier and final clarifier flow division structures, and replacement of grit handling equipment. During the past year, a solids handling



improvement project was completed that included:

- Replacement of gas heating and mixing systems in the digesters with jet mixing and spiral heat exchangers.
- Replacement of floating digester covers with two fixed covers and a gas-holding membrane cover.
- Replacement of dissolved air flotation (DAF) thickeners with gravity belt thickeners (GBT).
- New boilers for digester and plant heating systems.
- Purchase of 200 acres of farmland which is leased to farmers with provisions to facilitate biosolids disposal.
- Expansion and remodeling of the administration building and lab. The GBTs thicken WAS to approximately 6% total solids versus only 3.0 to 3.5% using the old DAF thickeners. This volume reduction also results in less digested sludge being pumped to

the biosolids storage facility and less biosolids supernatant return to the headworks. Digester gas production has increased and the new membrane cover and new boiler systems have improved gas storage and utilization capabilities.

Industrial pretreatment

Industrial flow accounts for roughly 25 percent of the billable flow to the MWWTF and 35 percent of the influent CBOD5 load. The largest industrial user is a barley malting facility with a discharge of approximately 0.6 MGD at 500 mg/L CBOD5. A hydro-sieve at the malting facility is used to remove excess barley solids and the relatively steady 24-hour per day discharge prevents loading and flow spikes at the MWWTF. There is one very high strength hauled discharge to the MWWTF from a contractor



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that cleans sugar, flour, and grain from rail cars. At times, this waste can have a CBOD5 concentration over 200,000 mg/L, so flow is limited to 3,000 gpd. An excess CBOD5 charge is applied to concentrations exceeding 300 mg/L.

2009 flood event challenges

In March and April of 2009, a record flood event occurred on the Red River of the North. During the flood, portions of the sanitary sewer collection system were inundated with river water requiring numerous bypasses from the system to prevent or minimize threats to public health, safety, and severe property damage. Further compounding the flood fight, 3.7 inches of rain and over 17 inches of snow fell within nine days and much of the runoff could not be drained by gravity to the river. In order to protect other parts of the system, three lift stations in an evacuation zone had to be turned off. In addition to bypasses from the collection system, the flood event required emergency operational measures to be implemented at the Moorhead Wastewater Treatment Facility. Due to the high river level, the outfall pipe couldn't handle all the flow and threatened to flood parts of the

plant. A portable pump was used to send flow from the polishing ponds to a drainage ditch which ultimately flowed to the river and reduced backup in the outfall pipe. Facility staff worked around the clock to keep wastewater, storm, and flood systems operating. CS





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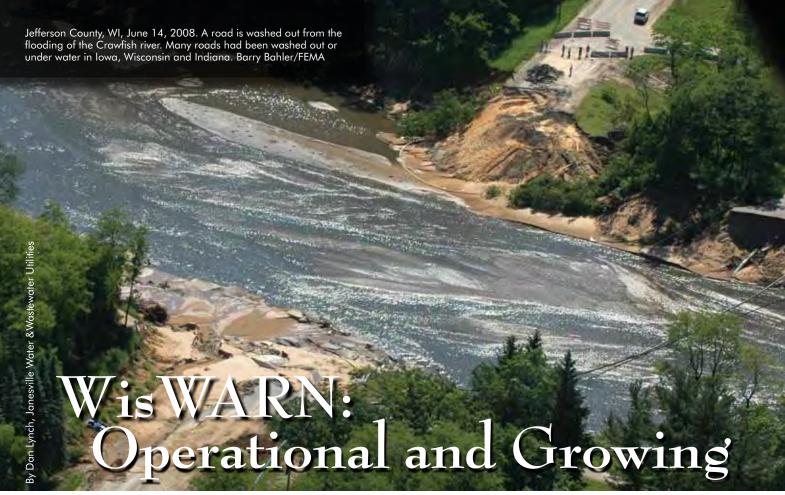


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A statewide mutual aid response and assistance program primarily for water and wastewater utilities has been formed in Wisconsin. The Wisconsin Water and Wastewater Agency Response Network, or WisWARN, was created to provide a method to allow a utility from one community to help a utility in another

community with personnel and resources following a natural or manmade disaster. This program is operational and growing. The establishment of this mutual aid network will help ensure that vital services remain operational during and after disasters (such as the flooding in southern Wisconsin last year).

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With the support of the Wisconsin Department of Natural Resources (WDNR) the WisWARN mutual aid agreement and website were developed. The mutual aid gareement is the basic document that allows its member municipalities to participate in what is essentially an intergovernmental agreement. The intergovernmental agreement approach was used because it allows participating municipalities to maintain their governmental immunities and liability limits. The WisWARN mutual aid agreement provides the overall operating rules for participating utilities during a crisis. The agreement was a consensus document by a group of attorneys representing the cities of Madison and Milwaukee; the Green Bay Water Utility; the Milwaukee, Madison and Green Bay Metropolitan Sewerage Districts; and the League of Wisconsin Municipalities.

The WisWARN website (www. WisWARN.org) is an important communication tool during emergencies, but it also serves other purposes. It contains the master resource inventory of available personnel and resources available from member utilities and emergency contact information.

Member utilities can go to the website to update their information and, during emergencies, a utility requesting assistance goes to the website to find the nearest needed resource(s). The contacted utility determines if it can respond and if it can't, the next utility with the needed resource is contacted. Initiating a WisWARN request for assistance is as simple as sending an email or making a phone call. Not only does this process allow for a very quick response, but the local municipality remains in charge and gets only the resources it has requested.

Other benefits of joining WisWARN nclude:

- There is no cost to join or annual cost to belong to WisWARN.
- There is no commitment or obligation to respond to any request for assistance. No WisWARN member is ever required to respond to a particular disaster.
- WisWARN uses a single statewide agreement which establishes uniform administrative and operational procedures concerning: insurance, workers compensation, equipment rental rates, etc., and measures relating to actual response procedures in the field.
- Unlike many emergency response programs, WisWARN can be implemented locally without a state or local "emergency declaration."
- WisWARN allows local control of all response activities.
- WisWARN does not supersede other local government mutual aid agreements.
- It allows specialized operations such as water and wastewater utilities to be
- Ingicate

 BAZAHDOUS MATTRIIALS

 Haspelings Uniti

La Crosse, WI, August 25, 2007. A hazmat firefighter from La Crosse, WI climbs into the response truck after successfully salvaging a damaged container containing hazardous materials in Southwest Wisconsin. A train derailed when flood waters hit the train. Photo by Patsy Lynch/FEMA

- assisted by people with similar training, knowledge and experience.
- WisWARN can be used during non-emergencies to locate unusual repair parts or equipment or just to obtain advice.
- It will facilitate local training and preparation for natural and manmade disasters.

The WisWARN concept has been endorsed by most of the state and national professional water associations. In addition, the Wisconsin Alliance of Cities, the League of Wisconsin Municipalities, the WDNR and other state agencies support WisWARN and its goal of a statewide utility-to-utility mutual aid program.

The following is the current list of WisWARN members. A similar number of utilities have made a verbal commitment to join and are somewhere in the process of getting commission or council approval.

- 1. East Troy Water and Wastewater
- 2. Elkhorn Water and Wastewater
- 3. Friendship Water and Wastewater
- 4. Green Bay Metropolitan Sewerage District
- 5. Green Bay Water
- 6. Janesville Water and Wastewater
- 7. Jefferson Water and Wastewater
- 8. Kenosha Water and Wastewater
- 9. Lancaster Water, Wastewater and Public Works
- Lake Geneva Water,
 Wastewater and Public Works
- 11. Lodi Water and Wastewater
- 12. Madison Metropolitan
 Sewerage District
- 13. Milwaukee Water
- 14. Platteville Water and Wastewater
- 15. Plymouth Water and Wastewater
- 16. Racine Water and Wastewater
- Rib Mountain Metropolitan Sewerage District
- 18. Stevens Point Water and Wastewater
- Watertown Water, Wastewater and Public Works
- 20. Wausau Water and Wastewater
- 21. Weston Water and Wastewater

Go to www.WisWarn.org and join WisWARN or send me an email. It is easy to join and will be good for your community. Thanks to all of you! CS You Know Us For The

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Formation of Ad Hoc Committee on **Anaerobic Digester Foaming**





By Jeff Brochtrup

As Eric Lecuyer mentioned in his Executive Director's Message in the summer issue of Central States Water, a group of attendees at the 82nd CSWEA Annual Meeting in May identified a common interest in anaerobic digester foaming. After further discussion following the conference, CSWEA President Rusty Schroedel has decided to appoint an ad hoc committee to address the topic. Jeff Brochtrup of the Madison Metropolitan Sewerage District has been appointed the chair of the committee. The committee has been established with two members from each section, representing facilities, consultants or academia from each State Section, in

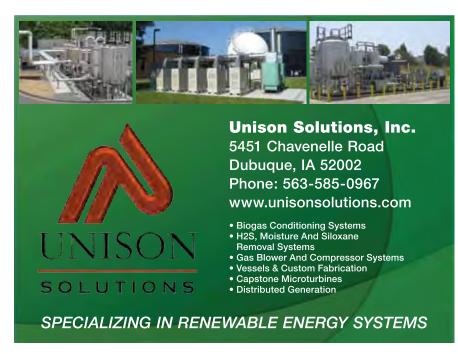
addition to the Chair, CSEWA President and Executive Director. Members include Dan Zitomer from Marquette University, Steve Reusser from the Madison Metro facility, Scott Trotter of Trotter and Associates, Jim Huchel of Crystal Lake IL facility and Al Parrella from WLSSD and Bob Stark from Red Wing, MN. If you are interested in serving on the committee or tracking the work of the committee feel free to contact Jeff Brochtrup at JeffB@madsewer.org or Eric Lecuyer at cswea@ymail.com.

The general committee charge is to plan and execute activities to enhance the awareness and knowledge of

anaerobic digester foaming. Initial ideas on activities to undertake are a survey on the extent and nature of anaerobic digester foaming and a workshop on the same topic. The committee charge specifically asks that the group develop, and implement a pilot operations workshop on anaerobic digester foaming.

The original idea that surfaced at the annual conference was to have an informal meeting of several agencies with an interest in digester foaming. After a number of members came forward to volunteer that they were dealing with foaming issues at their plants or for their clients the idea evolved to form a larger working group to meet and exchange information about digester foaming. It has since evolved into a working group that is a formal ad hoc committee of the association. There are several reasons for this. One, interest in forming a group seems to be fairly widespread. Two, formation as an ad hoc committee of the association would allow the association to provide funding for activities if a need is identified. Third, there is an interest in seeing if this effort might be a model of how our association could assist our members in addressing particular interest areas in the future.

Look for updates on committee activities in future issues of Central States Water and at the website on the Digester Foaming Workgroup page www.cswea.org/digester/. CS







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BY RON DICKRELL

The following are the highlights of the City of Marshfield's sanitary sewer collection system operation and maintenance program:

CLEANING

Of the 729,000 ft. of sanitary sewer lines, nearly 300,000 are cleaned annually. Using two full-time staff to perform this service in-house saves sewer users \$73,000 per year versus contracting for these services.

TELEVISING

All sanitary sewer lines have been televised with a mainline camera, recorded, and data logged with PipeTech software.

Manholes are also televised, recorded, and data lagged for maintenance

prioritization. All data is then assembled for review by a Clearwater Committee which categorizes and prioritizes each line and/or manhole for repair or replacement.

GIS

All data is entered into a master Global Information System (GIS) for use by all departments within the city.

With the click of a button all sanitary sewer line manhole videos may be viewed, design data examined, and line and/or manhole condition observed.

REPLACEMENT AND REPAIRS

Over \$1,200,000 per year is allocated for sanitary sewer replacements or repairs. Sanitary sewer lines are replaced by the traditional excavation method or in-place sewer lining is extensively used by the City of Marshfield. Sanitary sewer lining projects have saved over \$1,000,000 per year for the last five years versus excavation projects. In the future, another method that will be used is pipe bursting.

FLOW MONITORING

Over 20% of the sanitary sewer system is flow monitored each year. The data is collected with five flow monitors owned by the utility. This data is used to identify lines affected by significant inflow/infiltration within the sanitary sewer system.

Conducting this program with our own staff and equipment saves the Utility over \$20,000 per year.

PRIVATE PROPERTY LATERALS

Private property laterals are found to be a significant source of clearwater entry into the sanitary sewer system. Our staff provides service to the sewer users of televising their laterals to identify defects allowing clearwater entry. A program has also begun whereby private property laterals are voluntarily replaced on new curb and gutter street projects. As further incentive for the homeowner to replace their lateral, the utility is considering forgiving the lateral assessment to the homeowner within the street right of way in return for the owner's commitment to replace their lateral.

COLLECTION SYSTEM SEMINAR

In cooperation with the Central States
Water Environment Assn. Wisconsin
Section Collection System Committee,
the City of Marshfield Wastewater Utility
has hosted two annual "Northwood's"
Collection System Seminars in Marshfield.
Informative collection system speakers
were selected each year and vendors
provided information booths and
equipment demonstrations for collection
system operators.







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24th Annual Conference on the Environment: Environmental Progress in a Changing World

Thursday, November 12, 2009

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Be sure to mark you calendars and register for the upcoming 24th Annual Conference on the Environment developed jointly by the Air & Waste Management Association (A&WMA) – Upper Midwest Section; and the CSWEA – Minnesota Section.

Senator Ellen Anderson will be our opening keynote speaker and will provide us an update on environmental issues currently working their way through the Minnesota legislative process. Senator Anderson was first elected to the Minnesota Senate in 1992 representing several St. Paul neighborhoods. Senator Anderson chairs the Senate Jobs, Energy and Community Development Committee, and is a member of the following Senate Committees: Environment, Agriculture and Economic Development Budget Division, K-12 Budget Division, and Commerce.

She also serves on the Legislative-Citizen Commission on Minnesota Resources:

Unemployment Insurance Advisory Board; Legislative Electric Energy Task Force; Council on Asian Pacific Minnesotans; and, three committees with the National Conference of State Legislatures: Energy and Electrical Utilities Committee and Communications, Technology and Interstate Commerce Committee; and High-Level Radioactive Waste Working Group. Senator Anderson has been a leader in the areas of sustainable energy policy, affordable housing, family friendly workplace policies and worker rights, violence prevention, progressive tax structures, and inner city revitalization.

Since being elected, Senator Anderson has received numerous awards.

Mr. Jonathan Foley, Director of the Institute on the Environment at the University of Minnesota, where he is a professor and McKnight Presidential Chair in the Department of Ecology, Evolution and





Senator Ellen Anderson

Jonathan Foley

Behavior, will be our lunchtime speaker. He also leads the lonE's Global Landscapes Initiative. Mr. Foley will provide an update on the Institute's research efforts, which encompass 1) energy and climate change, 2) food, land and ecosystems, and 3) fresh water. Foley's work focuses on complex global environmental systems and their interactions with human societies. He and his students have contributed to our understanding of large-scale ecosystem processes, global patterns of land use, the behavior of the planet's climate and water cycles, and the sustainability of our biosphere.

Foley joined the U of M in 2008, after spending 15 years on the faculty of the University of Wisconsin, where he founded the Center for Sustainability and the Global Environment. He has won numerous awards and honors, including the National Science Foundation's Faculty Early Career Development Award; the J.S. McDonnell Foundation's 21st Century Science Award; an Aldo Leopold Leadership Fellowship; and the Sustainability Science Award from the Ecological Society of America. In 1997, President Bill Clinton awarded him the Presidential Early Career Award for Scientists and Engineers.

We will have several other outstanding technical papers and presentations during the day from many of our local talent. We are also planning an Environmental Challenge for the students.

Online registration is available by visiting www.cswea.org/minnesota/events/.
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Water and wastewater professionals working in the water quality industry are often overlooked for our critical role in protecting public health and the environment. A top priority of CSWEA each year is to recognize the efforts of our members and water and wastewater professionals at all levels. We also seek to provide top quality nominees to The Water Environment Federation (WEF) each year for national level recognition. In order for you or a deserving colleague to be recognized, submit a nomination to WEF and Central States for one of the many awards available. While our roles are often undervalued and the important tasks we perform as part of our daily activities are invisible to the very public that we protect, submitting for an award can help bring the recognition you deserve. Whether in design, academia, equipment manufacture and supply, management, or operations, many of us know individuals who have successfully addressed unique and challenging issues. All of us know someone we believe to be deserving of recognition. Our awards program offers that opportunity.

Below is a listing of the award opportunities. Sadly, many awards have few or no nominations each year, resulting in a missed opportunity to provide recognition to deserving water quality professionals. It's time to brag a little bit about the accomplishments of our members. Please carefully review the various awards available and nominate one of our many deserving members.

Please note that award submittals need to be made by November 1, 2009 to allow distribution to the respective CSWEA or WEF Awards Committees for consideration. CSWEA will present the winners with their awards at the 83rd Annual Meeting Awards Banquet, May 13, 2010. WEF awards will be presented at WEFTEC 2010, in New Orleans.

2009 CSWEA & WEF AWARD NOMINATIONS NOW BEING ACCEPTED

Nominations are now being accepted for the following WEF awards and should you be aware of a worthy nominee we ask that you please complete and return the bottom portion of this page for consideration. Note that it is OK to self nominate. Each award is briefly described below and complete information may be found on the www.CSWEA.org or www.WEF.org websites.

CHARLES ALVIN EMERSON MEDAL: This award is presented by WEF to an individual whose contributions to the wastewater collection and treatment industry most deserve recognition. Areas of involvement

include membership growth, water resource protection, improved techniques of wastewater treatment and fundamental research.

HARRY E. SCHLENZ MEDAL: This award is presented by WEF and recognizes the achievements of an individual outside of the water environment profession, who takes up the banner of environmental public education. This person is typically in the journalism, film or video production field.

RICHARD S. ENGLEBRECHT INTERNATIONAL ACTIVITIES SERVICE

AWARD: This award is presented by WEF and recognizes sustained and significant contributions to the furtherance and improvement of the activities of the Water Environment Federation in the international field.

OUTSTANDING ACHIEVEMENT IN WATER QUALITY IMPROVEMENT

AWARD: This award is presented by WEF and CSWEA to the water quality improvement program that best demonstrates significant, lasting and measurable excellence in water quality improvement or in prevention of water quality degradation in a region, basin or water body.

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GORDON MASKEW FAIR MEDAL:

This award is presented by WEF and recognizes worthy accomplishments in the training and development of future sanitary engineers. Nominee must be a WEF member.

PUBLIC EDUCATION AWARDS: There are three categories of Public Education Awards: Individual, Member Association and Other. The awards are presented by WEF and recognize significant accomplishments in promoting awareness and understanding of water environment issues among the general public, through the development and implementation of public education programs.

GEORGE BRADLEY GASCOIGNE

MEDAL: This award is presented by WEF to the author(s) of an article, which presents the solution of an important and complicated operational problem within a full-scale, operating wastewater treatment plant, which is appropriately staffed. Article must have been

published in a federation or member association magazine/newsletter during

THOMAS R. CAMP MEDAL: This award is presented by WEF to a member who demonstrates a unique application of basic research or fundamental principles through the design or development of a wastewater collection or treatment system.

THE PHILLIP F. MORGAN MEDAL: The

Morgan Medal is awarded by WEF and recognizes valuable contribution to the in-plant study and solution of an operational problem. A published paper is not required.

THE GEORGE J. SCHROEPFER MEDAL:

The Schroepfer Medal is awarded by WEF and recognizes a professional engineer for conceiving and directing the design of a project to achieve substantial cost savings or economic benefit over other alternatives, while achieving environmental objectives.

the previous year.

MEMBER ASSOCIATION SAFETY

AWARD: This WEF award is presented to a member association to recognize the success of the safety programs in their local wastewater works.

ARTHUR SIDNEY BEDELL AWARD: The Bedell is a Federation award that is given annually to one recipient in recognition of outstanding achievement in the sewerage and wastewater treatment works field, as related particularly to the problems and activities of the member association. The Bedell award subcommittee selects the nominations, and the award is presented

WILLIAM D. HATFIELD AWARD: The Hatfield Award is a Federation award given annually to one recipient in recognition of outstanding operation of a wastewater treatment plant. Each State Section may nominate one person per year and submit it to the Hatfield subcommittee. This award is presented at the CSWEA Annual Meeting

at the CSWEA Annual Meeting.

OPERATIONS AWARD: The Operations Award is a Central States award that is given annually to one recipient in each state. The purpose of this award is to recognize operators of wastewater treatment facilities who are performing their duties in and outstanding manner and our demonstrating distinguished professionalism. The States Sections' Committee makes the selection and each State Section winner will receive their award at the CSWEA Annual Meeting.

RADEBAUGH AWARD: The Radebaugh Award is given to the author of a deserving paper presented at the previous year's annual meeting. The Radebaugh award subcommittee selects the winner from nominations received and the award is presented at the CSWEA Annual Meeting.

ACADEMIC EXCELLENCE AWARD: The

Academic Excellence Award is given to one student per year from each eligible institution in the state section hosting the Annual Conference (Minnesota is hosting the next conference.). An eligible institution shall be a college or university having a recognized graduate or undergraduate program in engineering as accredited by



the Accreditation Board for Engineering and Technology. The candidate shall be selected by the Department Chairman or other designated person at the eligible institution. Selected candidates are able to attend the CSWEA Annual Meeting with expenses paid, to receive their award and scholarship.

COLLECTION SYSTEM AWARD: This

Award is given annually to one member from each section in recognition of outstanding contributions in advancing collection system knowledge and direct or indirect improvement in water quality. Each State Section Collection System Committee can nominate one individual per year with the selected candidate receiving the award at the CSWEA Annual Meeting. The recipient of the Association Award shall be nominated annually for the WEF Collection System Award.

GEORGE W. BURKE SAFETY AWARD:

The Burke Award is made annually by WEF to a municipal or industrial wastewater facility for promoting an active and effective safety program. Each State Section Committee can nominate a facility and the nominations are then sent to the general awards committee. The winner will be presented with the Burke Safety Award at the CSWEA Annual Meeting.

CENTRAL STATE SECTION SAFETY

AWARD: The CSWEA Facility Safety Award is made annually by CSWEA to a municipal or industrial wastewater facility within each State Section in recognition of active and effective safety programs from Burke Award submissions and the awards are presented at the CSWEA Annual Meeting.

INDUSTRIAL ENVIRONMENTAL ACHIEVE-

MENT AWARD: The award is given at the CSWEA Annual Meeting to one industry per year in recognition of outstanding contributions in waste minimization, pollution prevention, environmental compliance and environmental stewardship. Each State Section Industrial Committee may nominate one facility per year.

LAB ANALYST EXCELLENCE AWARD:

This is a WEF award that is given annually to one recipient in recognition of

outstanding achievement in the area of water quality analysis. Each State Section Laboratory Committee may nominate one person. This award is presented at the CSWEA Annual Meeting.

INDUSTRIAL ENVIRONMENTAL ACHIEVEMENT AWARD: The award is given to one industry per year at the

CSWEA Annual Meeting in recognition of outstanding contributions in waste

minimization, pollution prevention, environmental compliance and environmental

BILL BOYLE EDUCATOR OF THE

YEAR AWARD: This award is given to one teacher per year in recognition of outstanding education assistance to students of any level in the study of the water environment. The award is presented at the CSWEA Annual Meeting.

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CSWEA OUTSTANDING YOUNG PROFESSIONAL AWARD: This award recognizes the contributions of young water environment professionals for significant contributions to CSWEA and to the wastewater collection and treatment industry at the CSWEA Annual Meeting.

Further information on the above awards can be found at www.CSWEA.org, WEF.org, or by contacting Eric Lecuyer, 815-954-2714, cswea@ymail.com CS



(Cut and return)

Please complete the following information and submit to Jim Miller at jm55313@yahoo.com

Nominations must be received no later than November 1, 2009 for consideration as the Central States WEA Nominee for each award category.

Award Name:	
Nominee:	
Nominee Conta	ct Information:
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Please provide a brief description of your nor	ninee's qualifications for the award:
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Your Name:	(it's OK to nominate yourself!)
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- Solids processing

- Biosolids end use
- Treatment process evaluation
- Plant start-up and operation
- Nutrient removal



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THE BENEFITS OF MEMBERSHIP IN CSWEA

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- By keeping current on technical developments.
- By keeping current on regulatory developments.
- By networking with like professionals.
- Gain sales and marketing contacts by advertising, exhibiting and one-on-one contacts.
- Enhance relationships with regulatory agencies, and their personnel.
- Create opportunities to make a contribution to more effective water environment activities.
- Take advantage of opportunities for publication in our magazine Central States Water as well as WEF publications.
- Learn and practice leadership by becoming an officer, serve on association and State Section boards, committees, etc.
- Opportunities to present papers at State Section and association (three-state) conferences and seminar.
- Social interaction with all environmental professionals involved.
- Opportunities for cost effective continuing and advanced education for both professional engineers and operator recertification.
- Support by people engaged in like activities.
- Gain professional recognition and personal development.

GOALS

The objectives of CSWEA are to:

- Advance the fundamental knowledge
 of the water environment, its basic
 qualities, and physical laws governing
 its interaction with other aspects of the
 environment and with the aesthetic,
 economic and biological needs of the
 earth's inhabitants.
- Advance the knowledge and technology in the design, construction, operation and management of water quality systems and facilities.
- Increase the knowledge and understanding of Earth's water environment, and encourage and promote action necessary for its enhancement.
- Develop and implement effective delivery mechanisms to rapidly disseminate knowledge concerning the water environment to members and other interested parties.
- Promote sound policy in matters relating to the water environment.



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- Improve the professional status of all personnel engaged in any aspect of protecting and improving Earth's water environment.
- Strengthen and build alliances with organizations throughout the world incorporating members of all professions dedicated to the preservation and enhancement of water quality and water resources.
- Stimulate public awareness of the relationship of water resources to the public welfare and the need for pollution prevention, resource recovery, preservation, conservation, and reuse of water resources.
- To provide a regional (Illinois, Minnesota, Wisconsin) organization offering multiple opportunities for the exchange of water environment knowledge and experiences among its members and the public and to foster a greater awareness of water environment achievements and challenges.
- Serve the international community of water environment professionals.
- To support and encourage activities and programs within the three states as developed by the members and committees of the State Sections.

NETWORKING OPPORTUNITIES

CSWEA activities allow members to establish contacts within their communities, whether facility operators and managers or consulting engineers and ask for counsel and advice on work situations in the water environment field. Attending association functions can provide members with career opportunities.

Our Members

CSWEA members include civil, design and environmental engineers; biologists, chemists, local and state government officials, treatment plant managers and operators, laboratory technicians, students, professors, lawyers, environmental scientists, safety and maintenance professionals and equipment manufacturers and distributors.

OUR VISION

To provide a Water Environment Federation (WEF) organization (Illinois, Minnesota, Wisconsin) offering multiple opportunities for the exchange of water quality knowledge and experiences among its members and the public and to foster a greater awareness of water quality achievements and challenges.

Join Now

CSWEA offers membership in Central States and the Water Environment Federation, (WEF), and this membership category offers the best value for professionals with the State, Regional, National and worldwide connections of both a local WEF Member Association (CSWEA) and the preeminent organization of water professionals, worldwide, WEF. Several membership categories are available and described within the membership application.

CSWEA also offers an associate level membership, which provides membership in CSWEA only for those who may just be interested in CSWEA membership. While we strongly suggest membership in both CSWEA and WEF, we understand that for some, membership in CSWEA only makes the most sense. CS





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BUYERS Welcome to our first annual Central States Water Buyers' Guide. When making purchasing decisions about products and services in the wastewater industry throughout the Central States region, please support the companies whose advertising makes Central States Water possible. Our CSWEA Buyers' Guide consists of two sections: 1. A categorical listing of products and services, including a list of companies which provide them. 2. An alphabetical listing of the companies appearing in the first section. This listing includes name, contact info, website, and more. Click HERE to return to Table of Contents

LISTINGS BY CATEGORY

BIOGAS CONDITIONING SYSTEMS

Unison Solutions, Inc.

BLOWERS

Berryman Equipment Company

CHEMIMCAL PROCESSING & FEED SYSTEMS

Boerger, LLC Energenecs Force Flow LAI, Ltd. Pollard Water

COATINGS, LINING & CORROSION CONTROL

KLM Engineering, Inc.

COMPUTER SOFTWARE/ HARDWARE

IntelliSys Information Systems

CONSTRUCTION CASTINGS East Jordan Iron Works, Inc.

CONTAINER WAGONS

Schwing Bioset, Inc.

CONTINUING EDUCATION University of Wisconsin-Madison

CONTRACTORS

Process Equipment Repair Services Pro-Dive Inc.

CSO/SSO CONTROLS, WATER RESOURCES, DISTRIBUTION & COLLECTION

Clark Dietz, Inc. Donohue & Associates, Inc. Greeley and Hansen Infilco Degremont, Inc. John Meunier Inc. Kruger Inc. LAI, Ltd. Mulcahy Shaw Water Smith & Loveless Inc. Strand Associates, Inc. Symbiont, Inc.

DIFFUSED AERATION SYSTEMS

ITT Sanitaire

ELECTRICAL, INSTRUMENTATION/ CONTROLS/GENERATORS

Berryman Equipment Company Clark Dietz, Inc.

ControlSoft Inc.

Donohue & Associates, Inc.

Energenecs

Force Flow

ITT Water & Wastewater/Flygt

Products

Metropolitan Industries, Inc.

Noren Products

Pollard Water

Ruekert/Mielke

Strand Associates, Inc.

Swanson Flo Systems Co.

Symbiont, Inc.

ENGINEERS/CONSULTANTS

Advanced Engineering and Environmental Services, Inc.

Berryman Equipment Company

Bolton & Menk, Inc.

Bonestroo

Clark Dietz, Inc.

Crispell-Snyder, Inc.

Donohue & Associates, Inc.

Energenecs

Greeley and Hansen

Howard R. Green Company

KLM Engineering, Inc.

McMahon

Ruekert/Mielke

Strand Associates, Inc.

Symbiont, Inc.

TKDA

Trotter and Associates, Inc.

WSB & Associates, Inc.

ENVIRONMENTAL ANALYTICAL LABS

Northern Lake Service

EQUIPMENT REPAIR & REHABILITATION

Process Equipment Repair Services

FILTER MEDIA

Anthrafilter (U.S.) Inc.

FILTER MEDIA INSTALLATION

Anthrafilter (U.S.) Inc.

FILTER MEDIA REMOVAL

Anthrafilter (U.S.) Inc.

FILTRATION

Anthrafilter (U.S.) Inc.
Boerger, LLC
Infilco Degremont, Inc.
Kruger Inc.
Metropolitan Industries, Inc.
Mulcahy Shaw Water
Severn Trent Services
Smith & Loveless Inc.
Swanson Flo Systems Co.

FINANCIAL SERVICES

Advanced Engineering and Environmental Services, Inc. Ruekert/Mielke

FIRE HYDRANT FLOW TESTING

M.E. Simpson Co., Inc.

FIRE HYDRANTS

East Jordan Iron Works, Inc.

FLOW MEASUREMENT & TESTING

M.E. Simpson Co., Inc.

FRP DOORS & GRATING

Van Bergen & Markson, Inc.

GATE VALVES

J&S Valve and Manufacturing – AWWA Gate Valves

GENERAL INDUSTRIAL

Infilco Degremont, Inc. ITT Water & Wastewater/Flygt Products Noren Products

GEOGRAPHIC INFORMATION SYSTEMS

Advanced Engineering and Environmental Services, Inc. AECOM Bolton & Menk, Inc. Bonestroo Crispell-Snyder, Inc. Ruekert/Mielke Symbiont, Inc.

GPS LOCATING & CAD MAPPING

M.E. Simpson Co., Inc.

WSB & Associates, Inc.

GREEN WATER SYSTEMS

Metropolitan Industries, Inc.

GRIT REMOVAL SYSTEMS

Smith & Loveless Inc.

HEAT EXCHANGERS/COOLERS

Noren Products

INSPECTOR/LOCATORS

KLM Engineering, Inc. Pollard Water Pro-Dive Inc.

LABORATORIES/SUPPLIES Northern Lake Service Pollard Water

MAINTENANCE/CLEANING

Midwest Mobile Washers

MANHOLE COVERS & FRAMES

East Jordan Iron Works, Inc.

METAL SEATED GATE VALVES

J&S Valve and Manufacturing – AWWA Gate Valves

METERS/METER TESTING

M.E. Simpson Co., Inc. Swanson Flo Systems Co.

ODOR CONTROL SOLUTIONS

ECO Oxygen Technologies, LLC LAI, Ltd. Mulcahy Shaw Water Severn Trent Services SolarBee, Inc. Strand Associates, Inc. Swanson Flo Systems Co.

ONLINE TRAINING

CEU Plan

OPERATION SERVICES

CEU Plan Crispell-Snyder, Inc. Process Equipment Repair Services Pro-Dive Inc. Schwing Bioset, Inc. Severn Trent Services Bonestroo

PIPE & APPURTENANCES

John Meunier Inc.

PROCESS CONTROL SOFTWARE

ControlSoft Inc.

PROCESS MECHANICAL

Berryman Equipment Company Donohue & Associates, Inc. John Meunier Inc. Process Equipment Repair Services

PUMPS/PUMP SYSTEMS

Berryman Equipment Company Boerger, LLC Energenecs ITT Sanitaire ITT Water & Wastewater/Flygt Products LAI, Ltd. Metropolitan Industries, Inc. Noren Products Pollard Water Schwing Bioset, Inc. SEH Smith & Loveless Inc. Van Bergen & Markson, Inc.

RESIDUALS/WASTE MANAGEMENT

Infilco Degremont, Inc. Kruger Inc. Schwing Bioset, Inc.

RESILIENT SEATED GATE VALVES

J&S Valve and Manufacturing – AWWA Gate Valves

STORAGE TANKS/RESERVOIR SYSTEMS

Boerger, LLC DYK, Inc. Force Flow John Meunier Inc. KLM Engineering, Inc. Schwing Bioset, Inc. SEH SolarBee, Inc.

SURVEYS

Bolton & Menk, Inc. Bonestroo WSB & Associates, Inc.

U/W DIVER & ROV INSPECTION

Pro-Dive Inc.

VALVE ASSESSMENT

M.E. Simpson Co., Inc.

VALVES

East Jordan Iron Works, Inc. J&S Valve and Manufacturing – AWWA Gate Valves John Meunier Inc. Swanson Flo Systems Co.

WATER CIRCULATION EQUIPMENT

SolarBee, Inc.

WATER QUALITY

ECO Oxygen Technologies, LLC

WATER QUALITY MONITORS

Mulcahy Shaw Water SEH Severn Trent Services

WATER STORAGE CLEANING

KLM Engineering, Inc.

WATER TREATMENT CHEMICALS

Force Flow Hawkins, Inc. PVS Technologies

WATER/WASTEWATER TREATMENT SYSTEMS

TREATMENT SYSTEMS
Anthrafilter (U.S.) Inc.
Boerger, LLC
Bolton & Menk, Inc.
Bonestroo
Clark Dietz, Inc.
Donohue & Associates, Inc.
Energenecs
Greeley and Hansen
Hawkins, Inc.
Infilco Degremont, Inc.
ITT Water & Wastewater/Flygt
Products
ITT Water & Wastewater,

Products
ITT Water & Wastewater,
 WEDECO Products
Kruger Inc.
LAI, Ltd.
Metropolitan Industries, Inc.
Mulcahy Shaw Water
Noren Products
Ruekert/Mielke
SEH
Severn Trent Services
Smith & Loveless Inc.
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Section Event Successes

By Jim Beier

ow! I hope everyone is as busy as I am here in the Wisconsin Section. I would not be surprised if the months of August and September 2009 are remembered as the most active in the water and wastewater municipal bidding market this decade. A mammoth amount of design engineering and project review has been completed – and in record time – and we can expect an equally busy 2010 (and beyond) construction season as a result. I am anxious to see how it all comes together.

CSX '09 went off without a hitch on July
16-17 in the Wisconsin Dells at the Kalahari Resort. Members of all three State Sections were present and we discussed a wide variety of issues affecting our organization including Young Professionals, Membership, Student Chapters, our relationship with WEF and other professional State organizations (like WWOA, WWA and WRWA). If you are interested in our meeting minutes and action items, please contact me and I'll be happy to share.

Our Section is currently enjoying great membership and attendance at many other fine events and seminars. We recently had our Summer Business meeting and follow-on Young Professionals and Seasoned Professionals event at Miller Park. Thank you to Trevor Ghylin for organizing and Tom Mulcahy for setting up the tailgate, tickets, and fun. We had nearly 30 new and veteran Section members at the pre-game festivities and enjoyed a very good baseball game afterwards. Unfortunately the Brewers couldn't come through in the bottom of the ninth inning and lost to the Padres.

The Collection System "Northwood's" Seminar was held in Marshfield, WI on August 6 and it more than DOUBLED its operator attendance from their inaugural seminar last year. Congratulations to the committee leadership of Andrew Craven, Randy Belanger and Todd Stelmacher. We also can't say enough about the efforts of our local arrangers in Marshfield: Jean Coy and Ron Dickrell – fantastic work! If you are a northern Wisconsin operator, engi-



neer or vendor, please plan on attending this collection system seminar next year. There were excellent presentations covering odor control, safety and WDNR updates to the CMOM and CMAR programs.

The CSWEA and WWA joint Management Seminar was held at Cabela's again in mid August in Richfield with excellent attendance and full schedule of speakers and topics. Approximately 45 managers and professionals were exposed to a series of presentations covering topics like asset management and construction claim disputes. My special thanks go out to Paul Nehm, Tom Krueger and Ken

Sedmak as our representatives on this committee. Please note, however, that the committee is looking for new blood and would welcome help from new Section members and Young Professionals. Please contact any of the Section's committee members for more information about joining this committee or helping in any way.

Our Government Affairs Committee is extremely active in many legislative, regulatory and political issues affecting every member of our Section and probably every discharger. The list of activities, discussion boards and sub-committees is too long to mention here, but we do need more interest and support from operators as we work through these issues with Federal, State and Local government officials. Please contact Brandon Koltz or Jane Carlson if you have any questions or suggestions.

Our November Board Meeting will be held in Fond du Lac on the 5th. All Section members are welcome and we encourage you to attend as we plan and budget for the following year.

Please don't forget to support our sponsor charity, Water For People, with the purchase of a \$100 raffle ticket to win two tickets, four nights of lodging, rental car and airfare to the 2010 Super Bowl which will be in Miami, Florida on February 7. Tickets can be purchased via credit card on line at **www.CSWEA.org**. Please contact any Section Board member if you are interested in helping with selling raffle tickets to help support this great cause.

Wastewater Systems

- **√** Facility Plans
- √ Sewer Planning/Models/Design
- √ Pump Station Design
- √ I&I/SSES/CSO/SSO Analysis
- √ Biosolids Management
- √ SCADA/Automation
- √ Energy Studies
- **√** Funding Assistance
- √ Treatment Facilities
- √ Electrical/Mechanical/Security





Kenosha - Wausau - Champaign - Chicago - Indianapolis - Evansville

A Busy Summer

By Jason Benson

ummer is almost over and it seems like it never started. The weather has certainly been anything but typical. As always the MN Section remains busy planning and attending many events throughout the summer. Here our some of the recent activities.

The MWOA/CSWEA Summer Laboratory Training Seminar was held in St. Peter, Minnesota on June 17-18, 2009. Once again this was a successful training seminar that was well attended thanks to the efforts of Marion Graham, Patti Metler, and Mary Ann Baumgart.

The main topics included "MDH Accreditation Program Updates" and "Microbiology QC Rule Requirements for the Laboratory."

The **CSWEA CSX&YPX '09** was held July 16-17, 2009 at the Kalahari Resort in Wisconsin Dells. Several members of the Minnesota Section attended along with their counterparts from Wisconsin and Illinois. This annual event provides an excellent avenue for the exchange of ideas between Sections and committees. Many great ideas, goals, and young professional activities were shared to continue finding ways for making our organization successful as well as rewarding for our members.

The **2009 MWOA Annual Conference** was held July 28-31, 2009 in Grand Rapids, Minnesota. Pre-Conference activities included a golf tournament, sporting clays, and four-wheeling adventures. Grand Rapids offered a great venue for the conference as well as providing many great activities for the outdoor enthusiasts. Pat Meyer, MWOA president and Stephen Welliver, Grand Rapids Public Utilities Chairman gave the welcome address. The keynote speaker,



Michael Lane, gave a great motivational talk entitled "When You Finally Start Paying Attention – Life Takes on New Meaning." There were several training and technical sessions focused on biosolids, collection systems, and O&M. The conference was well attended. A huge thanks should go out to all of those involved in planning such a successful conference.

Several upcoming events for the MN Section are currently in the planning stage. Upcoming events include:

- November 12, 2009: MN Section CSWEA/
 A&WMA Conference on the Environment, Earle Brown
 Heritage Center, Brooklyn Center, MN
- February 2010: MN Section CSWEA/MWOA Annual Innovative Approaches to Wastewater Operational Problems Seminar, St. Cloud, MN

Please save these dates on your calendar for these important events.

If you would like to grow professionally and give back to our organization, please consider joining one of the many committees or activities of Central States. Chris Harrington has recently volunteered to become the Stockholm Junior Water Prize Committee Chair. Thank You Chris! We still have a number chair positions to fill including the Vice Chair position for the MN Section. We will need to fill our Vice Chair position at our next meeting in November at the Conference on the Environment so please if you are interested or have someone to recommend please get your names to me. For further information, contact any of the MN Section Committee chairs found on the website: www.cswea.org/minnesota. (S



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Working Hard for Your Section

By Gary B. Scott, Chair CSWEA Illinois Section

our State Section continues working hard to improve our organization for you. The Section held its Quarterly Section Meeting on July 14 at the Glenbard Wastewater Authority. Majorities of the Section Chairs were present, and minutes from the meeting can be viewed at http://www.cswea.org/illinois/sectionmeetings. Highlights included:

year to year. Congratulation Dean!

distributed to schools/environment clubs.

- At the Annual Meeting the CSWEA Executive
 Committee approved, and the Section adopted
 a change in our Section By-Laws which established the position of 2nd Vice-Chair. Election
 of Dean Wiebenga; Peterson & Matz, as Second-Vice Chair.
 The Illinois Section believes this will give us quite a better succession plan, and should give us a bit more continuity from
- Trustee Sue Baert reports WEF is discussing and implementing a program by which to better serve Member Associations. She also commented on World Water Monitoring Day September 18, 2009. During Aug.-Sept. Sample kits are generally
- Vice-Chair and Membership Chair Eddie McCall reported that he and Scott Trotter, Student Chapter Chair, are coordinating efforts to hit the Student Chapters and Universities at U of I, IIT, and Northwestern as the fall semester begins.
- Young Professional Chair Rich Hussey reported on efforts to sponsor a YP event (more info below).
- Collections System Chair Mark Eddington reported that the Seminar was a great success, and CEUs were qualified by the IEPA for participants. Seminar Proceedings can be found at http://www.cswea.org/illinois/seminarproceedings.
- The Illinois Section is investigating a Section social event to be held sometime near the end of summer. This event is intended as a thank-you for participating members and their families, and may be used as a membership event as well. Discussion leans toward an informal picnic type event as yet to be determined.
- Lab Chair Mary Dressel reported on the successful joint CSWEA-IL/IWEA Laboratory Seminar. Seminar Proceedings can be found at http://www.cswea.org/illinois/seminarproceedings.
- Steve Bollweg reported planning is progressing for the Operations Seminar to be held at Fox Metro in Aurora on September 17. Information on Seminars is found at http://www.cswea.org/illinois/events.
- Maintenance Seminar Chair Doc Burke reported that the seminar will be at the Naperville Training Facility on November 18, with speakers almost finalized. CEUs will again be available as well as a nice lunch.

Discussion on improving committee participation and increasing membership were again a topic, and as an



organization we must strive to include a larger core of our membership. By this writing you will have seen an e-mail blast letter campaign for membership recruitment of co-workers and known associates. If you have any interest in participating to improve our organization, or can recommend someone who might, please contact a Section Officer. You will also find that the Illinois Section is offering Associate Memberships as part of **ALL** seminars at a 50% discount to seminar participants if not CSWEA members. Valuable networking opportunities and program

initiatives are coming up at our seminars. Invite some of your co-workers; reach out to your neighboring agencies. Your participation and input as members is vital to our organization's success.

The Tag-Team roadshow was under way in August as I write this, with Vice-Chair Chair Eddie McCall and Student Committee Chair Scott Trotter off to several college and universities to share their energy, experience, and dedication to help our Section explore ways to better communicate with and involve students in our YP Chapters. I anticipate these two will be back with many good stories of these young groups to tell.

During August and September Trustee Sue Baert and Lab Chair Mary Dressel worked diligently to make World Water Monitoring Day another success. Keeping our school-age children on the road to environmental awareness is one of our key initiatives for both future membership and environmental excellence right there alongside the YP and student teams.

Young Professionals Chair Rich Hussey held an IL Section YP Event co-hosted with IWEA, Saturday August 29, 2009 at Top Golf Chicago; Wood Dale, IL. **Top Golf Chicago** is a sports entertainment complex combining games with great food and an environment you can enjoy year-round. Top Golf featured computerized microchips in every golf ball to track your shots and award points by hitting targets ranging from 20-250 yards away (too short for you, Rich!). The YP session included a golf instructor for 90 minutes with range balls, pop, and appetizers. What a great event for all in attendance and an opportunity to share with those entering the environmental field.

Steve Bollweg was one of the speakers representing CSWEA at the Fox Valley Operators Mini-Conference August 20 at Huntley, IL. This in preparation for the Operations Seminar on September 17, hosted at Fox Metro Water Reclamation in Aurora, IL. Steve promised an excellent line-up of speakers, and lunch is included in each registration. Steve is one the stalwart advocates of the CSWEA and an icon for the Illinois Section. I hope you had time to attend both, as great information is the norm at each.

Doc Burke has the Maintenance Seminar well in hand for November 18 at the Naperville Training Center as you see

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ILLINOIS SECTION CHAIR MESSAGE CONTINUED

above. We expect a large turn-out for this year's impressive line-up of speakers. Last year's comments were fantastic, and Doc is working to exceed last year's quality. Watch the website and your e-mail for the seminar announcement soon.

The annual Government Affairs conference, co-hosted with IWEA, is set for January 27 with a location yet to be established. This is a quality seminar which takes a great deal of effort on the part of both agencies. Anyone with ideas or suggestions should bring them forward quickly.

Our next Section Meeting will be hosted by ESI Consultants, Naperville, IL on October 22. Mark Eddington will

be our host, and information should be out as you read this. Please make sure you forward any items for discussion or consideration quickly.

Vice-Chair Chair Eddie McCall reports initiatives are being developed in support of membership opportunities. At our Annual State Section Meeting, Scott Trotter volunteered to chair the Student Committee. Scott has the right combination of energy, experience, and a dedication to help our Section explore ways to better communicate with and involve students in our YP Chapters. Combine this with Rich Hussey's enthusiasm for the YPs, and we are sure to further develop

these important programs for the future of our Section.

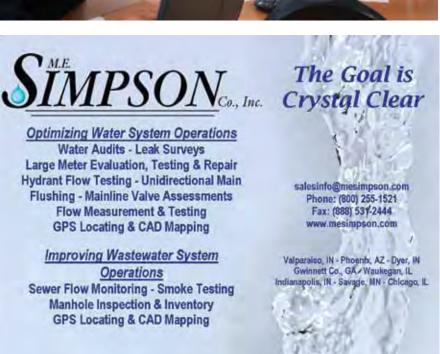
While I will not be attending, those of you planning to attend should look forward to a bigger, better WEFTEC in Orlando, FL. WEFTEC set records for both the technical program and exhibition in Chicago last year. If you can attend, please do! You will learn from your peers about the latest practices, technologies, solutions and regulations in the water quality field; you can choose from a comprehensive list of technical sessions, workshops and facility tours from 15 technical tracks to design your own learning experience. You will earn CEUs by participating in workshops; earn PDHs by attending technical sessions; and earn contact hours by participating in tours and for time spent in the WEFTEC Exhibition. You can get valuable networking with over 20,000 of the world's leading water and wastewater professionals. And you will view the latest, cuttingedge technologies from more than 1,000 leading companies at the largest annual water quality exhibition in the world.

Whatever you decide do, plan to attend the CSWEA Welcome Reception at the Peabody Hotel on October 11, 2009. Meet up with colleagues, renew old friendships, and begin new ones. See if the "Lecuyer Party Machine" can outdo the Annual Meeting at Lincolnshire ... Stay tuned.

Finally, if you want to grow professionally, and give back to your community, please consider joining one of the many committees or activities of CSWEA. Getting involved can change your life and career. Go to http://www.cswea.org and take a look around. You're sure to find something that will have a positive impact on you and your career. (S

"Determine never to be idle...It is wonderful how much benefit may be done if we are always doing." - Thomas Jefferson





SEPTEMBER

WI Section YP Event Centrifuge Technology and Theory Seminar

September 16, 2009 Centrisys Corporation Kenosha, WI

IL Section Operations Seminar

September 17, 2009 Fox Metro Aurora, IL

OCTOBER

WEFTEC '09

October 10-14, 2009 Orlando, FL

CSWEA-IWEA WEFTEC '09 Welcome Reception

October 11, 2009 Peabody Orlando Hotel, Orlando, FL

IL Section Business Meeting

October 22, 2009 Naperville, IL

NOVEMBER

Deadline to Submit Award Nominations November 1, 2009

WI Section Board Meeting

November 5, 2009 Fond du Lac, WI

MN Section CSWEA/A&WMA
Conference on the Environment

November 12, 2009 Earl Brown Heritage Center Brooklyn Center, MN

IL Section Maintenance and Safety Seminar

November 18, 2009 Naperville Safety & Training Facility Naperville, IL

MN Section CSWEA/MWOA Collection System Workshop

November 20, 2009 Location TBA

DECEMBER

Deadline to Submit Abstracts for 83rd Annual Meeting

December 7, 2009

JANUARY 2010

IL Section CSWEA/IWEA
Government Affairs Seminar

January 27, 2010 Location TBA

FEBRUARY 2010

Midwest Water Industry Expo

February 9-10, 2010 Wisconsin Dells, WI

MN Section CSWEA/MWOA Annual Innovative Approaches To Wastewater Operational Problems

February 23, 2010 St. Cloud, MN

APRIL 2010

15th Annual Education Seminar

April 5-6, 2010 Madison, WI

MAY 2010

83rd CSWEA Annual Meeting

May 11-14, 2010 Madison, WI



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OR Visit www.CSWEA.org to join on-line and pay by credit card. Visa, Master Card & American Express Accepted.									
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