



The Wisconsin Section
Central States
Water Environment Association

**Wisconsin Section CSWEA
Committee Reports
Winter Board Meeting
February 18, 2009**

Trustee's Report- Kenneth Sedmak

The most recent meeting of the Central States Executive Committee was held on Thursday and Friday December 11 & 12, 2008 at the Lincolnshire Marriott, in Lincolnshire, IL.

Eric Lecuyer again informed the committee of a new phone number for the Executive Director's home office phone/fax, 815-356-7885 and a new email address of CSWEA@ymail.com.

Financial Report: Carol Strackbein reported total liabilities and equity of \$128,563.31 as of December 1, 2008. This is \$31,807.21 less than the same date in 2007. This loss was due to greater expenses at the annual meeting, and lower income from the Asset Management and Energy Seminars. The financial position of the Association is good.

Knutte & Associates will do the financial audit and the association federal and state informational returns for 2008. They will continue for a three year term.

2008 Year End Fiscal Report – Eric Lecuyer reported a net loss for the year of \$20,982 due to reduction in reserves by the sections and lower than expected revenues from the Asset Management and Energy Management Workshops. Eric reported that the association is in good financial condition with end of the year \$130,370.20.

WEFTEC'08 Welcome Reception: Scott Trotter reported as follows:

- Well attended by CSWEA.
- Sponsorship provided \$16,000 but cost was \$19,000.
- IWEA suggested increasing the sponsorship from \$300 to \$350 for next year
- Short fall to be considered a marketing expense because it promotes membership.

WEF Director Report: Dan Lynch highlights from the meeting that were as follows:

The House of Delegates (HOD) has established the five following working groups for 2008/09: Funding, Infrastructure and Asset Management (FIAM) - The FIAM Work Group is charged with gathering information on what WEF's different committees and Communities of Practice are doing within WEF on this topic.

WEF/MA Relationship – This work group is charged with gathering information from the MAs on how the relationship is viewed and looking at how it may be enhanced.

Image and Enhancement - This work group will evaluate what's been done to date; and, what WEF and its members can do maintain a positive image for our industry.

Communicating Value to the Industry - This work group will help establish and communicate our value in order that others might understand and support the WEF.

WEF is trying to get the “Water for Life” on public television.

WEFMAX - This work group will identify future MA Host, and look at ways to enhance the structure and value of these meetings.

WEFMAX 09

WEFMAX provides the members of the House of Delegates, MA Leaders, and WEF Staff an opportunity to meet, discuss challenges, and share successes.

DATE	HOST	LOCATION
April 23-25	Nevada WEA*	Las Vegas, NV

Each MA is asked to share information on their MA programs and services. MAs are encouraged to develop a one page (front/back) FAST FACTs sheet providing their historical statistics and current information. Each MA should plan to bring 55 copies to share with the WEFMAX attendees.

“Liquid Assets” DVD outreach kits are available while supplies last. They include a DVD with the full length documentary, chapters, and two shorter videos to show at meetings. To receive a “Liquid Assets” Outreach kit and be included in a database to connect you to others wishing to promote Liquid Assets in your state, contact WEF.

2009 WEF Specialty Conferences

February 17-20 - Utility Management Conference, New Orleans, LA

February 28 - March 3 - Disinfection 2009

March 1-4 - AWWA/WEF Information Management & Technology Conference & Exhibit

April 19-22 - Collection Systems 2009

May 3-7 - Residuals and Biosolids 2009

June 28 - July 1 -Nutrient Removal Conference

July 26-29 – Micro-constituents and Industrial Water Quality Conference, Baltimore, MD

August 9-12 - TMDL 2009

September 13-16 - 24th Annual Water Reuse Symposium

State Trustee Reports:

Minnesota:

Patti Craddock made the following comments:

- Treasurer's report shows the section healthy at \$32,114.
- Conference on the environment was a success with 130 participants

Illinois:

Sue Baert reported the following highlights:

- Section holds an account balance of \$13,850.
- Section held its maintenance and safety seminar in Naperville on November 12, 2008.
- The Section will co-host with IWEA, the Government Affairs at the Water Pollution Control conference on January 28, 2009 in Willowbrook, IL.
- The Section is has a new Lab Committee Chairperson, Mary Dressel.

PWO Representative Report: Howard Jacobson reported on the two teams that represented CSWEA at the Operations Challenge at WEFTEC 08 in Chicago. The CSWEA Pumpers took Third Place in Division II in the Process Control Event and overall the Shovelers placed 27th and the Pumpers placed 28th out of 32 teams that completed in Division II. This is the second time in the last three years that a CSWEA Team has brought home some hardware. At WEFTEC Operations Challenge 06 in Dallas, the CSWEA Shovelers took First Place in Division II in the Lab Event.

The 2009 Operations Challenge will be in Orlando.

YP Representative Report: Rachel Lee's report stated:

- The U of W AWWA-WEF "Night with Industry" dinner was well attended.
- Chapter leadership change should be done on calendar year to coincide with student organizations schedule of leadership change.
- Sustain Student Chapters through professor contacts and possibly local alumni.

Committee and Activity Reports

Education Seminar: Jay Kemp reported the following:

- The seminar will be held April 7, 2009 at the Monona Terrace in Madison with a focus on Nutrient Removal, adding that there are new regulations in both WI and MN.
- The seminar may be a webinar with an YP reception.

General Awards: Rusty Schroedel reported on the awards recommendations. Awards were discussed and approved by the board on February 11 during a teleconference call. It was suggested that a standing committee for awards be created. This will be discussed at the annual meeting.

Internet: Eric Lecuyer reported the following:

- The “constant contact” for broadcast email service is very useful for sending the newsletter and other announcements.
- For internet communication and postings, contact Eric at cswea@ymail.com.
- Web advertiser cost \$25.00 per month or \$300 per year.
- Job postings are free.
- Wisconsin section should send Eric event information.
- **The use of the Cvent registration process for CSWEA and Section events is very useful and WI section is not using it and should consider it. Contact Eric for more information.**

Central States Water Magazine: Eric Lecuyer the following:

To promote Central States, the magazine has been sent to some 350 selected POTW's throughout the three states, and includes two plant profiles.

Following is the publication schedule for 2009.

1) Spring issue

***Promoting Spring Annual Meeting, May 18-22, 2009**

- a) Content and advertising deadline – February 20
- b) Art proof to the Chapter for approval – March 6
- c) CSWEA returns proof to CK – March 13
- d) Magazine printed and mailed – April 3

2) Summer issue

***Post Annual Meeting**

- a) Content and advertising deadline – June 12
- b) Art proof to the Chapter for approval – June 26
- c) CSWEA returns proof to CK – July 3
- d) Magazine printed and mailed – July 17

3) Fall issue

- a) Content and advertising deadline – August 21
- b) Art proof to the Chapter for approval – September 4
- c) CSWEA returns proof to CK – September 11
- d) Magazine printed and mailed – September 25

4) Winter issue

***Promoting CSWEA/AWWA Midwest Water Industry Expo**

- a) Content and advertising deadline – November 13
- b) Art proof to the Chapter for approval – November 27
- c) CSWEA returns proof to CK – December 4
- d) Magazine printed and mailed – December 18

Public Education: Roger Gyger's report noted:

- a. **Water Is Life and Infrastructure Makes It Happen**
A display was shown at the Annual Meeting and also used at a number of Section seminars. E-mail blasts were begun to advise the CSWEA membership of the periodic WEF webinars and the other collateral materials that they are producing and making available to the WEA's. We will be soliciting a series of "endorsing utilities" over the next year.
- b. **World Water Monitoring Day**
The Illinois and Minnesota Sections participated in this program by purchasing a number of test kits and distributing them through schools and affiliated groups. We also had a display at the Annual Meeting. CSWEA has become a Regional Partner in this program.
- c. **Stockholm Junior Water Prize**
The Minnesota Section acknowledged three students for the 2008 SJWP. Cash prizes and certificates were awarded to the winners who represented the Section at the National SJWP competition in June in Orlando. Last year's winner of the Section SJWP and the 2008 Finalist presented their work at this year's Annual Meeting.
- d. **Children's Water Festival (CSF)**
The Minnesota Section participated in this event for the 11th year. This festival provides an opportunity for more than one thousand children to learn about water-related issues. Six classrooms of students attended the CSWEA's session on *FLUSH*. The Section also supported the event by providing the WEF Water Sourcebook and the World Water Monitoring Day CD's to each of the forty-five classroom teachers.

Midwest Water Industry Expo: Jay Kemp is working on this effort to help acquire revenue of about \$2500 for the association and promote equipment and services. The expo was February 10 and 11.

Annual Meetings

- 2009 Lincolnshire, IL: Dean Wiebenga's posted report indicated:
 - Room rates \$129.
 - Vendor space is limited to 68-70
 - Golf outing is at Crain's Landing (on-site).
 - Sue Baret is planning a walk/run, this may be eliminated due to limited participation and insurance requirements
 - The Fox Valley group and Illinois Association of Wastewater Agencies will attend.
- 2010 Madison, WI: Jay Kemp reported the conference will be at Monona Terrace. The host hotel is the Hilton with 410 rooms blocked at \$161 per night.
- 2011 MN: Jim Miller reported that the committee is leaning towards a Twin Cities meeting at the Thunderbird Lodge.

Old Business:

CSWEA CSX/YPX 08 Follow-up: Eric reported the following:

- The Water Magazine emphasized operators and included two plant profiles.
- CEU's credit are solicited from IEPA, DNR and MPCA and posted as part of registration info for each CSWEA and Section event.
- Create and approve a plant maintenance certification program as approved at this meeting.
- Provide email blasts to associate members inviting them to our meetings.
- CEU's credit solicited from IEPA, DNR and MPCA and posted as part of registration info for each CSWEA and Section event

WEFTEC LAC '08 Committee – Scott Trotter reported that there were 50-60 volunteers on this committee and a report was being finalized to send to WEF along with the remaining donation money from the raffle and golf outing.

CSWEA/IWEA Relations: Tim Tack reported the following:

IWEA, WEF and CSWEA met at WEFTEC. WEF representatives stated that they would take no action requested by IWEA with regard to CSWEA existing in Illinois. The organizations are to work together.

CSWEA received a memorandum of understanding (MOU) from IWEA. The MOU was unacceptable to CSWEA. The board decided not to meet with IWEA until they have drafted and sent a reasonable MOU to IWEA.

CSWEA-USEPA Energy Management Workshop – Eric Lecuyer stated that the USEPA was very happy with the turn out but it resulted in a loss with 45 attendees despite the aggressive marketing. He planned the budget to break even with 60 attendees.

CSWEA/ABC Plant Maintenance Technologist Certification: Gary Scott is working on this project with a proposal being available in March. His plans include that this initiative be revenue neutral for the Association with the exception of administrative fees for mailings and a registration fee of \$300 that covers up to 30 tests. The first round of tests will be in Illinois as a start before opening it up to the other sections.

WFP Fundraising Raffle – Tim Tack reported that tickets 100 tickets were sold. The raffle raised \$3,650 for Water for People. Dan Lynch from Janesville was the winner of the raffle.

WFP Fundraiser Raffle for 2009 – Eric Lecuyer suggest we consider another raffle to raise funds for Water for People. The board believes we could sell more tickets if we would begin earlier in the year. The board approved the WFP Fundraiser Raffle for 2009. 300 tickets will be available to sell at \$100 each to go to the Super Bowl.

New Business:

Adoption of 2009 Fiscal Budget -- \$1600 was added for Public Education and approved. Following discussion, income and expenses were increased for the WEFTEC Reception and adjustments were made based on the Executive Director's reappointment.

Next meeting is scheduled for May 18, 2009, at the Lincolnshire Marriott in Lincolnshire, IL.

WWOA Liaison's Report – Dennis Egge, Liaison

No report received.

Collection System – Todd Stelmacher, Chair

The purpose of this memo is to provide an update to the Wisconsin Section Board related to the activities of the Collection System Committee since November 2008.

As previously reported, August 6, 2009 has been selected as the date for the second "Northwoods" seminar. A planning meeting has been set for March 3, 2009 in Neenah. The Committee has also selected the date of June 4, 2009 for the 22nd annual "Classic" seminar in Watertown. A planning meeting was held on January 6, 2009 in Brookfield for the Watertown seminar. A copy of the meeting minutes is attached. As of February 12th, many of the speakers are already confirmed.

The Committee's next meeting is schedule for February 18, 2009 in conjunction with the Government Affairs seminar.

Collection System Committee Meeting
January 6, 2009, 9:00 AM
Applied Technologies, Brookfield, WI

Meeting Minutes

Members Present: Craven, Dickrell, Lecey, Beier, Stelmacher, Lange, Tiefert, Belanger, Kolczaski, Nejedlo, Buntrock, Fratrack, ???

1. Review previous committee activity – **no "Old Business" to discuss**
2. Collection System Award - Nominee submitted
 - a. Ron Dickrell/Marshfield
 - **Three good nomination packages received, two of them were exceptional. We have two solid candidates for next year plus any additional packages received.**

3. Draft Annual Plan
 - a. Goal to add one additional collection system operator
 - b. Goal to conduct a second seminar in Marshfield
 - c. Other
 - **Other potential goals discussed included submitting a paper for publication in the Clarifier, and making seminary presentations available electronically. These may be considered in the future.**

4. Seminar Promotion
 - a. Poster (Dennis)
 - b. CSWEA and WWOA websites (**Nejedlo**)
 - c. APWA meeting
 - d. Clarifier and Central States Water (**Nejedlo**)
 - e. Rural Water
 - **Tom Nejedlo will confirm submittal dates for magazines. Committee members responsible for confirming speakers are encouraged to do so in time for Tom to submit information for publication in various magazines.**

5. Marshfield Seminar
 - a. Commitment to Clearwaters Hotel & Convention Center
 - b. Planning meeting set for March 3 in Neenah. – **Offices of McMahon Associates**
 - **Discussion pertaining to last year's attendance indicated that many who attended were from the southern parts of the state. It would be nice to encourage attendance by more "local" entities.**
 - **Committee members are encouraged to attend District WWOA meetings, particularly in the northern parts of the state, to encourage attendance at the Marshfield Seminar**
 - **Tom Mulcahy is considering setting up a golf outing to be held in conjunction with the Marshfield seminar. The golf outing would be an independent function, but it was agreed that we could promote the outing with our brochures (and vice versa – hopefully).**

6. 2009 Watertown Seminar – 22nd Annual
 - a. Review 2008 Speaker Evaluations – **Referred to speaker evaluations for topics of interest.**
 - b. Brainstorm for speakers/topics – **refer to summary table below**
 - c. Brochures – design and mailout – **refer to "Collateral Duties" summary for identification of responsible parties**
 - d. Awards or other recognition at Seminar – **refer to "Collateral Duties" summary for identification of responsible parties**

- e. Vendor Program (Lecey) – refer to “Collateral Duties” summary for **identification of responsible parties**
 - f. Fees/Expenses – **no changes proposed**
 - g. Duties of committee members – refer to “Collateral Duties” summary for **identification of responsible parties**
7. Important Dates: **Dates in BOLD were established at the meeting (because we are the Deciders!)**
- a. February 19, 2009 Next meeting @ Gov’t Affairs Seminar
 - b. Feb 2009 – Publicity & Vendor Letter (Bob L.) – **February 4th**
 - c. March 3, 2009 – Marshfield Planning Meeting (Neenah) – **9 AM**
 - **March 6 – confirm speakers**
 - d. Mid-Late Mar 2009 – Finalize/Confirm speakers/agenda & Brochures design & to printer – **Early March required**
 - e. Apr 2009 – Mail Brochures – **Early April required**
 - f. May 2009 – Advance Registration Deadline – **May 21**
 - g. June 4, 2009 – Watertown Seminar
 - h. August 6, 2009 – Marshfield Seminar

Collateral Duties

Andy Craven – Vice Chair/Secretary, Awards Subcommittee, Speaker Evaluations (Watertown & Marshfield)

Bob Lecey – Exhibitor Letter

Frank Tiefert – Soda Sponsor (Flygt)

Jim Beier – Awards Subcommittee

Jim Fratrack – Speaker gifts, DNR Credits

Randy Belanger – Brochures (printing)

Mike Spence – Brochures (design)

Paul Lange – Watertown Facilities (Turner Hall, Food, etc)

Ruth DeLay – Watertown Finance, Awards Poster & Clerical

Todd Stelmacher – Committee Chair

Tom Krueger – Awards Subcommittee, Brochure Mailing

Ron Dickrell – Marshfield Facilities (Meeting Hall, Food, etc.)

Marshfield Clerk – Jean Coy

Mark Kolczaski – Door Prizes, assist with Vendor demo schedule

Dennis Egge – WWOA Liason

Tom Nejedlo – Publicity (WWOA & CS-WEA WI)

Nancy Schultz – (Out of town assignment)

Kari Dennis – Promotional Poster Board, Awards subcommittee

Gary Buntrock -

Presented below are the tentative topics, speakers, allotted time, responsible committee member, and miscellaneous comments for the upcoming Watertown seminar. Please review and comment as appropriate

Topic	Potential Speaker	Allotted Time (min)	Responsible CS Committee Member	Comments
Behavioral Based Safety	Dave Kodel - CVMIC	45	Stelmacher	This topic/speaker was submitted by the Safety Committee
Chlorides	Tom Steinbech - City of Oconomowoc	30	Fratrick	
Regulatory Update	Jack Saltes - WDNR	15	Fratrick	Focus on CMOM & CMAR?
SSES – Components to a Successful Program – With a Case Study	Taryn Nall - Kaempfer	45	Belanger	Talk to include a municipal representative to discuss their program
Storm Sewer – How Storm Sewers Impact the Operation of the Sanitary Sewer System	Mary Jo Lange – City of Cudahy	30	Beier	

Topic	Potential Speaker	Allotted Time (min)	Responsible CS Committee Member	Comments
Private Property I/I	TBD	30	Craven	Speaker from WEF PPVL committee will discuss current practices (based on PPVL information). This session will also include a municipal speaker to discuss their private property I/I program.
2008 Wet Weather Events – Lessons Learned	Moderator (TBD) conducting an open forum discussion	30	?	The intent of this session is to allow audience members to share with others what they learned during the flooding events of 2008 – what worked & what did not work.

Government Affairs Committee – Jane Carlson, Chair

Status report - update on current year committee plan, roster, etc.

Current committee members and assignments are listed at:
<http://www.cswea.org/wisconsin/governmentaffairs/>

New members include Tom Sigmund as a member-at-large, and Mike Gerbitz who will track TMDLs. We still need to add Mike’s contact information to the web site.

Our 2009-2010 Annual Plan has been finalized and will be submitted to the Board separately.

Minutes of Last Meeting

A few committee members met at the November Business Meeting. In new business, we agreed we would send quarterly e-mail alerts to Section members to let them know of the latest GAC report posted on the web site, and other e-mail alerts as necessary. An e-mail alert was sent in January related to the proposed thermal standards.

The committee “met” again by e-mail in February. Updates to regulations or other initiatives are attached.

Next Meeting

Our next meeting will be by e-mail so that we can report on regulatory initiatives in time for the May 2008 Annual Meeting. At the Annual Meeting, Brandon Koltz will become chair of the GAC.

cc: All committee members (Dave Taylor, Paul Kent, Gil Hantzsch, Chad Olsen, Bill Desing, Joan Hawley, Brandon Koltz, Keith Haas, Jim Kleinschmidt, Tom Sigmund, and Mike Gerbitz) and committee board liaison (Ken Sedmak)

**Regulatory and Other Initiatives Updates
February 2009 Attachment to Government Affairs Committee Report**

The primary focus of the Government Affairs Committee (GAC) is to identify and track various regulatory/legislative initiatives that may have a significant impact on Wisconsin Section members. Attached please find reports prepared by individual committee members summarizing activities in the areas that they are responsible for tracking.

**Wisconsin Alliance of Cities Liaison
By Jim Kleinschmidt, P.E./Strand**

The Wisconsin Alliance of Cities and League of Municipalities has created a Local Government Storm Water group effective January 30, 2009. The purpose of this group is to advocate on storm water issues before the DNR, Governor's office and the Wisconsin legislature. In addition they may sponsor educational seminars. Contact the Alliance (608) 257-5881 or League 608-267-2380 for additional information.

One of the Alliance of Cities' concerns is proposed changes to NR 151 that may affect municipal separate storm sewer systems. See <http://dnr.wi.gov/runoff/rules/nr151/rulerevision.htm> for a summary of the rule revisions.

**Wisconsin DNR Thermal Rules Revisions (NR 102 and NR 106)
By Jim Kleinschmidt, P.E./Strand**

At the January 14, 2009 review meeting for the newest draft thermal standards, the DNR announced that the exemption for existing wastewater treatment plants contained in the previous draft rules was being eliminated. This was primarily based on a legal opinion of DNR and EPA that such an exemption was no longer defensible. Central States WEA provided two sets of comments on the rule to the Wisconsin DNR. Copies are available from Jim Kleinschmidt or Jane Carlson, 608-251-4843. The proposed rules appear to have the potential to result in thermal effluent limits for discharges to inland lakes, and effluent dominated streams including LFF (Limited Forage Fish) and both warm and cold water designations.

Key comments sent to DNR included:

- New POTWs should be covered by the same language as existing POTWs
- Clarification that these rules do not apply to stormwater (DNR stated that this was the case in the responses to 2008 comments, but it is not clear in the rule language)
- Concerns with the method of criteria development related to gametogenesis
- DNR's Rationale used POTW averages to conclude that the rules would affect ~25% of the POTWs, rather than using maximum weekly values for effluent temperature and

maximum daily effluent flow values as proposed in the draft rule. Use of maximums will result in the rules affecting more POTWs.

Biosolids-EPA Initiatives and National Biosolids Partnership EMS Program
By David Taylor; Madison Metropolitan Sewerage District

EPA has released the results of the Targeted National Sewage Sludge Survey (TNSSS). The survey measured concentrations for a target list of chemicals (analytes) in sewage sludge from a statistically derived sample of publicly-owned treatment works (POTWs) in the contiguous United States with flow rates of at least one million gallons per day and which use secondary treatment or better.

The [TNSSS Overview Report](#) provides an overview of two reports that together comprise the TNSSS:

Targeted National Sewage Sludge Survey Sampling and Analysis Technical Report ("Technical Report"), and Targeted National Sewage Sludge Survey Statistical Analysis Report ("Statistical Report").

The Overview Report provides summary information on the background of the survey, the selection of chemicals and POTWs included in the survey, and some preliminary observations based on survey results. Additional details may be found in the Technical and Statistical Reports. Results from the TNSSS provide important chemical concentration information that EPA intends to use in its effort to evaluate biosolids generated by the nation's POTWs.

About the Survey

EPA is working to understand potential pollutants in sewage sludge and in the environment. Because many chemicals tend to accumulate in sewage sludge during wastewater treatment, EPA initiated the TNSSS to characterize what chemicals may be present in sewage sludge. The survey included metals, inorganic ions, and certain organics, such as polycyclic aromatic hydrocarbons, semivolatiles, polybrominated diphenyl ethers, pharmaceuticals, steroids and hormones.

EPA collected and analyzed sewage sludge samples from 74 POTWs that employ secondary treatment or better. The 74 POTWs statistically represent over 3,300 of the nation's largest POTWs. Sample collection at the 74 POTWs was conducted between August 2006 and March 2007.

Results

Results include minimum and maximum concentrations for 145 different analytes, including four anions (nitrite/nitrate, fluoride, water extractable phosphorus), 28 metals, four polycyclic aromatic hydrocarbons, two semivolatile chemicals, 11 PBDEs, 72 pharmaceuticals, and 25 steroids and hormones.

Results also include nationally-representative estimates of the underlying distribution of concentrations across POTWs as well as an in-depth statistical analysis of a subset of 34 out of the 145 analytes. EPA selected the subset of 34 analytes for in-depth statistical analysis. These 34 analytes were selected for the following reasons:

nine "target" analytes from the 2003 Biennial Review were identified as needing additional evaluation of potential risks using more up-to-date sludge concentration and occurrence data;

molybdenum is being re-evaluated using updated information to determine the need for a revised numeric standard in land applied biosolids;

four PBDEs have been detected in various environmental media and acceptable human health benchmarks exist that may be useful for any future risk assessment purposes; and

20 pharmaceuticals were detected at 90 percent or more of the POTWs in the target population.

Briefly, the survey found that:

Nitrite/nitrate, fluoride and water-extractable phosphorus were found in every sample.

27 metals were found in virtually every sample, with one metal (antimony) found in no less than 72 samples.

Of the six semivolatile organics and polycyclic aromatic hydrocarbons, four were found in at least 72 samples, one was found in 63 samples, and one was found in 39 samples.

Of the 72 pharmaceuticals, three (i.e., ciprofloxacin, diphenhydramine, and triclocarban) were found in all 84 samples and nine were found in at least 80 of the samples. However, 15 pharmaceuticals were not found in any sample and 29 were found in fewer than three samples.

Of the 25 steroids and hormones, three steroids (i.e., campesterol, cholestanol, and coprostanol) were found in all 84 samples and six steroids were found in at least 80 of the samples. One hormone (i.e., 17a-ethynyl estradiol) was not found in any sample and five hormones were found in fewer than six samples.

All of the flame retardants except one (BDE-138) were found in nearly every sample; BDE-138 was found in 56 out of 84 samples.

Next Steps

EPA plans to evaluate the pollutants identified by the survey as being present in sewage sludge. As its first priority, using the survey information, EPA has begun assessing molybdenum and the nine pollutants identified from the 2003 biennial review as needing updated concentration information to determine whether additional action may be necessary. In addition to the survey information, EPA will evaluate other available data and conduct exposure and hazard assessments for these pollutants if sufficient data are available. Later this year, EPA expects to initiate evaluations of other pollutants in the survey that may warrant further consideration. The evaluations will depend on the availability of data needed to conduct the evaluations.

Additional Information

To get more information about the TNSSS, please contact [Rick Stevens](mailto:stevens.rick@epa.gov) (stevens.rick@epa.gov) at (202) 566-1135.

[Targeted National Sewage Sludge Survey Overview Report](#) (January 2009; EPA-822-R-08-014)

[Targeted National Sewage Sludge Survey Sampling and Analysis Technical Report \("Technical Report"\)](#) (PDF) (88 pp., 359 K, EPA-822-R-08-016)

[Targeted National Sewage Sludge Survey Statistical Analysis Report \("Statistical Report"\)](#) (PDF) (58 pp., 373 K; EPA-822-R-08-018)

[Statistical Report Appendices](#) (PDF) (501 pp., 1.7 MB)

CMOM – Wet Weather Issues

BY: Joan B. Hawley, P.E., Superior Engineering, LLC joan@superior-eng.com

1. The Economic Stimulus Package proposed will include money for infrastructure. It is too soon to tell what funds will be earmarked for Wisconsin and specifically for wastewater infrastructure.
2. The Water Science and Technology Board (WSTB) of the National Research Council (NRC) has identified the national water infrastructure challenge as being an area for which an NRC study might provide a useful contribution that can help the “nation understand aging water and wastewater infrastructure issues and technological, managerial, and behavioral science strategies to address them.” The WSTB has sought input from the Water Environment Federation (WEF) regarding how this study might be focused to provide the most helpful information and also in the identification of potential sponsors. This study involves WEF committees as well. Comments are due back by the end of February, 2009.
3. WEF Collections System Committee –
 - a. Webcasts for 2009
 - i. Large and Small Diameter Pipe Cleaning Methods (3-18-09) –
 - ii. Inspection and Assessment of Gravity and Pressure Pipelines (6-17-09)
 - iii. Construction and Inspection of Pipelines 9-16-0
 - b. Private Property Programs. A valuable resource on private property programs is hosted on www.wef.org website, Science & Technology Resources Tab; Access Water Knowledge Tab, Collections Systems Tab – under technical resources.
4. 22nd Annual Collections System Conference in Watertown, June 4th, 2009.

5. No updates on the Wisconsin CMOM rules. The Department continues to promote and advocate for CMOM-like activities through a variety of means including the CMAR reporting. DNR produced a media-site presentation on an introduction to CMOM (see <http://dnr.wi.gov/org/water/wm/ww/cmar/CMOM.htm>).
6. The Milwaukee Metropolitan Sewerage District Satellite Communities will be submitting CMOM plans to the DNR by June 30th, 2009 in accordance with a Court Stipulation.

NUTRIENT CRITERIA

By Jane M. Carlson, P.E./Strand Associate, Inc.

The DNR's technical advisory committee (TAC) last met on September 8, 2008. The draft P criteria appear very stringent, ranging from 0.005 mg/L in Lake Superior to 0.1 mg/L in rivers. These numbers are primarily based on USGS studies for streams and rivers and work completed in other studies or other states for lakes. Several implementation issues were discussed at the September 8, 2008 meeting. Also in September, the Municipal Environmental Group (MEG) released a cost of P removal study to the DNR. The study developed costs for various sized treatment plants (0.1 to 20 mgd) to reliably meet various annual average effluent P concentrations (0.1 to 0.5 mg/L). Cost opinions from four of Wisconsin's largest POTWs were also included. Costs were extrapolated to all Wisconsin POTWs that discharge to surface waters. The capital costs of imposing limitations statewide could be from \$3 to \$5 billion and the 20-year present worth costs from \$4 to \$7 billion. Note that these costs were developed in the third quarter of 2008, and chemical costs have doubled to tripled since then. MEG has formally requested that the State conduct a fiscal review of the proposed phosphorus regulations. **The DNR has yet to set a date for the next TAC meeting.**

On the national front, CSWEA-WI sent a letter to EPA supporting a Pennsylvania group's request for a peer review of nutrient criteria that were developed for a TMDL there. The criteria were based on an assumed direct link between nutrient concentrations and "toxicity" to aquatic life, which the PA group asserts is not scientifically valid. The method used was similar to the USGS-Wisconsin DNR method used for draft P criteria development. The EPA has agreed to perform a review of the regulation; however, it appears it will be limited and will not seek broad or direct input from the scientific or public community. This is in contrast to the open Science Advisory Board or National Academy of Sciences review that the PA group had requested. This development could have negative implications for future standards development processes for nutrients or other compounds.

NR 214 - LAND TREATMENT OF INDUSTRIAL LIQUID WASTES, BY-PRODUCT SOLIDS AND SLUDGES
By Jane Carlson/Strand

<No Update This Report – See Previous Reports >

Summary of Key Legislative and Rulemaking Activity
By Paul G. Kent of Anderson & Kent sc
Legal Counsel for the Municipal Environmental Group
Wastewater Division

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Government Affairs Seminar (GAS) Committee Report
By Gil Hantzsch, P.E., MSA Professional Services Inc.

The 2009 Government Affairs Seminar is slated for Thursday, February 19, 2009 at the Madison Marriott West. Final arrangements are being put in place, with a final head count due to the Marriott on Monday, February 16. The

Committee has put together a great program addressing many current topics of interest to wastewater system owners and operators, as well as consultants, regulators and equipment manufacturers. Keynote speaker and Chicago environmental attorney Fred Andes will be sharing his perspectives on national regulatory trends impacting wastewater system owners. Closer to home, we have three speakers set to give their perspectives on the water quality based phosphorus criteria being proposed for Wisconsin.

Local impacts from climate change will be the topic of a presentation by Dr. Christopher Kucharik of the Nelson Institute for Environmental Studies. Dr. Kucharik will be followed by a first-hand presentation of how the City of Reedsburg worked together to survive a flooded wastewater treatment facility. Ken Johnson of the DNR will then discuss how the DNR addresses extreme events like 2008 from a regulatory perspective.

Dan Thompson of the League of Municipalities will discuss how he sees the financial crisis impacting municipalities' ability to fund wastewater projects. The emerging topics of effluent trading and personal care products in wastewater will lead into the final presentation, the ever-popular DNR update, to be delivered by Bob Masnado.

The 2010 GAS conference is also preliminarily booked for Tuesday, February 23, 2010, and we have a hold on the last Thursday in 2011 to get us back to our traditional date.

Stream Re-classification/Proposed Revisions to Chapters NR 102, 104, and 106 as Related to Stream Classification & Outstanding and Exceptional Resource Waters

February 16, 2007

By Chad T. Olsen/McMahon Associates, Inc.

<No Update This Report – See Previous Reports >

TMDLs

Jane M. Carlson, P.E., Strand Associates, Inc.

Following is some recent information for Wisconsin:

- The EPA's consultant team completed a draft phosphorus and sediment TMDL for the Rock River Basin in early April, 2008. The DNR had some technical and editorial issues with the draft and is in the process of reviewing and revising it. The new deadline for the final TMDL submission to EPA is September 30, 2009, and a public comment draft may be released around early April 2009.. For more information please see: <http://dnr.wi.gov/org/water/wm/wqs/303d/RockRiverTMDL/> .
- The EPA has hired a consultant to complete a phosphorus and TSS TMDL on the Lower Fox River watershed (Green Bay). The DNR's goal is to optimize this TMDL for costs. Costs have been developed for urban stormwater and agricultural runoff best management practices (BMPs) and are under development for wastewater treatment plants. The intent is to make load and wasteload allocations based on the lowest-cost mix of BMPs and treatment technologies. The DNR has assembled several committees to promote stakeholder involvement and assist in TMDL development. The original schedule called for a draft TMDL to be completed in the spring of 2009; however, it is likely to be later. For more information please see: <http://dnr.wi.gov/org/water/wm/wqs/303d/FoxRiverTMDL/> .
- The DNR continues to develop nonpoint source TMDLs and others, including a recent P and sediment TMDL for Little Lake Wissota for which public comments will be received until March 2. For more information see: http://dnr.wi.gov/org/water/wm/wqs/303d/Draft_TMDLs.html

For additional TMDL program details, please refer to previous GAC reports.

Wastewater Security

By Bill Desing, CH2M Hill

On April 9, 2007, the U.S. Department of Homeland Security (DHS) issued the Chemical Facility Anti-Terrorism Standards (CFATS). Congress authorized this interim final rule (IFR) under Section 550 of the Department of Homeland Security Appropriations Act of 2007, directing the Department to identify, assess, and ensure effective security at high-risk chemical facilities. Wastewater utilities are currently specifically exempt from CFATS but it is widely believed that utilities are likely to lose that exemption this year. In addition, bills have been introduced in Congress that would require facilities that use listed chemicals to evaluate alternatives to using these chemicals.

CFATS requires all high risk chemical facilities to complete vulnerability assessments and develop and implement protective measures. The CFATS program could in the future set the requirements for chemical security for water and wastewater utilities. CFATS establishes risk-based performance standards that identify the areas for which a facility's security posture will be examined. These standards vary depending upon a "risk tier" that will be defined by DHS on a facility-by-facility basis. By using performance based standards, CFATS allows facilities the flexibility to choose the most cost-effective methods for achieving a satisfactory level of security.

Chemicals and Thresholds. Table 1 lists the disinfection chemicals most commonly used by water and wastewater systems that are subject to CFATS. CFATS may also apply in the future to other nondisinfection chemicals used in water and wastewater treatment processes. If the quantity of chemical stored in a facility exceeds the chemical threshold quantity shown, CFATS requires that DHS evaluate non-wastewater sector facilities to determine if the facilities are high risk. If a facility is determined to be high risk, a site security plan must be implemented that includes security measures that meet risk-based performance standards. See CFATS regulations for a complete list of chemicals and explanation of threats.

(http://www.dhs.gov/xprevprot/programs/gc_1177001576714.shtm)

Table 1

CFATS Thresholds and Threats for Chemicals Commonly Used by Water and Wastewater Systems

	• Toxic Release (lb)	• Theft (lb)
• Ammonia, anhydrous	• 10,000	•
• Ammonia, liquid (> 20% conc.)	• 20,000	•
• Chlorine, gas	• 2,500	• 500
• Chlorine dioxide	• 1,000	•
• Hydrochloric acid (> 37%)	• 15,000	•
• Hydrogen chloride (anhydrous)	• 5,000	• 500
• Hydrogen peroxide (> 35% conc.)		• 400

Compounds of Emerging Concern and other National Issues

By Brandon Koltz/Symbiont

<No Update This Report – See Previous Reports >

Great Lakes Issues – The Great Lakes Compact

By Keith Haas/Racine Water and Wastewater Utilities

<No Update This Report – See Previous Reports >

Industrial Waste – Brian Molenaar, Chair

No report was received.

Membership – Jay Kemp

No report received.

Operations Committee – Troy Larson, Chair

- The WI Section operations group has forwarded their nominees for the three awards to Jim Miller. The awards include 1) the WI section Operator of the Year, 2) Hatfield Award, and 3) Laboratory Excellence Award. Nominees for the Hatfield and Lab Excellence awards will be considered against nominees from the other states.

Management Seminar – Tom Krueger, Chair

No report was received.

Public Education and Awareness – Dale Doerr, Chair

World Water Monitoring Day

Last fall, Kris Stepenuck, the Wisconsin Volunteer Stream Monitoring Coordinator placed an announcement using the following email link; wistreammonitoring@lists.uwex.edu. Within hours of this announcement, I received nearly 50 email responses requesting a WWMD kit. I ordered 50 WWMD kits from the supplier, however; they only had 36 kits left for 2008. The 36 kits were shipped to my office awaiting delivery. Additional kits will be available beginning March 1, 2009.

As a member of the Board of Directors of WWOA, I requested \$1,000 additional funding from WWOA to help purchase additional WWMD kits. The Board voted unanimously to provide the additional fund. If the cost of \$14.50 per kit holds constant for 2009, the \$1,000 will purchase 68 additional kits for distribution next spring. If we provide 2 - WWMD kits to each classroom, this important education and outreach program will provide public awareness and involvement to 52 classrooms (more than 1,000 students) on the importance of protecting Wisconsin's water resources.

When the additional WWMD kits are delivered in March 2009, help will be needed to distribute the WWMD kits to schools across the state.

Wisconsin Society of Science Teachers

CSWEA – Wisconsin Section has acquired a booth at the Wisconsin Society of Science Teachers Convention in Milwaukee, March 5 – 76, 2009. The display is designed to inform science teachers across Wisconsin what CSWEA _ Wisconsin Section is doing to protect Wisconsin Water Resources. The display will have information WWMD and Stockholm Junior Water Prize (SJWP) information. Since the exhibitor registration allows two people per booth, there is one WSST Exhibitor pass available if someone wants to join me during the exhibit.

Stockholm Junior Water Prize

The SJWP competition is underway; Wisconsin Students wishing to submit entries must have their projects entered online by April 15, 2009. Anyone interested in helping with judging should provide me with the contact information. If we receive the Wisconsin My April 2, 2009 we only have 14 days to make a selection and submit the winner's information to WEF.

Safety – Jerry Hirt, Chair

Safety Committee Report

Submitted by: Jerry Hirt, Safety Committee Chairperson

The Safety Committee is still in need of growing in size. An offer was extended to a Safety Supply vendor but was declined. Current members include: Gordy Koch (Alpha Terra Science), Mark Robinson (United Water), Dennis Egge (Retired WWOA liason, City of Janesville, and myself. *(Dennis is officially retired but will stay on the committee until year-end)*

I have developed a topic to be provided to the membership on "New high-visibility safety apparel requirements" for the first quarter of 2009. I need input as to the best way to share the information with the membership. I was hoping that we would be able to provide it on our web site but I'm not quite sure who to contact for this request.

Additional topics to be developed during the course of the year include some of the following possibilities: NFPA 70E Updates, Chemical Hygiene Programs, fall protection, and excavation. I am waiting to hear back from existing committee members their choice for topic development.

Dave Kodel, CVMIC representative, has been confirmed as our Speaker for the Watertown Seminar. His topic is "Behavior-based Safety".

I will be using the upcoming Midwest Water convention as an opportunity to solicit membership for the Safety Committee.

Watershed Management – Bill Krill, Chair

No report received.

Student & Young Professionals Committee Report

The UW-Madison chapter continues to be active and have regular meetings. They had their semester kick-off meeting on February 5, 2009. I was the guest speaker and did a presentation on the Dane County Community Digester Facilities Plan. Dr. Park and Paul Nehm were also at the meeting. The group was planning on attending EXPO on February 11, 2009. They are working on setting up a bank account and have added the position of Treasurer to their roster. They are actively working on student paper and student design projects.

There is no report on other chapters at this time.

YP Events and News

The YP Summit will be held on April 23, 2009, in Las Vegas, NV. More information is posted on WEF's website. This is a great opportunity for our YPs. I will be attending with some financial support from CSWEA and CSWEA-WI. If we want to send another representative, we should consider subsidizing their attendance.

The reception on the evening before the Education Seminar will be co-hosted by the S&YP Committee. Student Chapter Members and YPs are welcome to attend in addition to the seminar attendees.

There are no YP events on the calendar at this time. We plan on scheduling something soon.

Spring Biosolids Symposium – Jay Kemp

The 2009 Spring Biosolids Symposium will be held on March 10, 2009 at the Holiday Inn in Stevens Point. Another excellent program is in store, as noted below, with a mix of national, state and local speakers participating.

2008 Spring Biosolids Symposium Program

- 7:15 am Registration Opens
- 8:15 am Welcome – *Fred Hegeman*
- 8:20 am USEPA Emerging Issues & Update – *Bob Bastian*
- 9:00 am Wis. DNR Update – *Fred Hegeman*
- 9:30 am WERF Research – *Alan Hais*
- 10:30 am Nutrient Management & SNAP Plus – *Sue Porter*
- 11:15 am Phosphorus Availability – *Dick Wolkowski*
- 11:45 pm **Lunch**
- 12:15 pm Lunch Presentation – *Gene Laschinger*
- 12:45 pm Morning Panel Question & Answer – *Connie Wilson, Moderator*
- 1:15 pm Economics of Septage Charges at Wastewater Treatment Plants – *Connie Wilson, Alan Kaddatz, Rich Boden & Dave Taylor*
- 2:15 pm Road & Vehicle Issues – *Mike Klingenberg*
- 3:00 pm Panel Discussion/Nutrient Costs – *Dick Wolkowski, Jay Kemp & Dave Taylor*
- 3:30 pm Adjourn

Water/Wastewater Education Association – Tom Mulcahy, Chair

No report was received.