Strong and Stronger for Years to Come...

By Krishna Pagilla, IWEA President

I am honored to serve as President of IWEA for the 2012-13 year and look forward to another productive year for the association and the membership. I thank all the past Presidents, past and present Executive Board members, committee chairs, numerous volunteers and committee members for building such a strong and vibrant organization. I would like to single out Mark Halm, our outgoing President, for his outstanding leadership and focus as President for the last year. Mark is calm and poised during meetings and events, and yet he was decisive and a strong leader to achieve the goals at hand. Thanks Mark!

We had a successful partnership between IWEA and ISAWWA, and a resoundingly successful WaterCon 2012. Kudos go to Annual Conference Committee Chair Dan Bounds and Program Committee Chair Sandra Conrad for their wonderful work on a successful conference and very informative program. Of course, Laurie Riotte, Executive Manager of IWEA, and Laurie Dougherty of ISAWWA effectively took care of the important pre-event and on-site issues such as registration, exhibitors, and activities, and made WaterCon the premier water event in Illinois, perhaps in the Midwest. Much credit should be given to the committees and their chairs who organized sessions and events for a job well done. The speakers were well prepared with good talks, and we had good attendance by the participants.

We were fortunate to have two distinguished speakers during the Business Luncheon on Monday including Mr. David St. Pierre, Executive Director of Metropolitan Water Reclamation District of Greater Chicago, and Mr. John Hart, WEF Trustee. As always, Cheryl Kunz (Marketing), Pat Schatz (Awards), and Carlee Scharnhorst (Local Arrangements) played a major role in WaterCon organization for IWEA. The IWEA banquet at Erin’s Pavilion was a wonderful experience. It was a strong WaterCon 2012, and we look forward to an even stronger one in the future.

During the last year, we have sought and established collaborative partnerships with like-minded and complementary organizations to jointly organize programs and workshops successfully. Now that we have a successful slate of IWEA events to fill the calendar each year, I believe, additional growth and benefit to the membership and IWEA can come from more joint events. In the Strategic Planning Meeting on April 27, I urged the Executive Board to focus on the strong...
The 2012 Award Winners Are...

By Pat Schatz, Awards Chair

Mark Termini was the recipient of the WEF Hatfield Award. This award is presented to operators of wastewater treatment for outstanding performance and professionalism. Mark is the Superintendent of the Environmental Services for the Village of Addison.

Lou Kollias was the recipient of the WEF Bedell Award. This award acknowledges extraordinary personal service to the Member Association. Lou has served on the IWEA Executive Board since 2002. He served as the IWEA president for 2006-2007 and recently served as a WEF Director from 2008-2011. Lou also received the WEF Delegate Service Award. Lou served as a Director from 2008 to 2011.

Anas Rabah was the recipient of the WEF Laboratory Excellence Award. This award recognizes individuals for outstanding performance, professionalism and contributions to the water quality analyst profession. Anas is a lab analyst at the Metropolitan Water Reclamation District of Greater Chicago.

The City of St. Charles received the WEF George W. Burke Jr. Award. This award recognizes an active and effective safety program in municipal and industrial wastewater facilities.

William Gonwa was the recipient of the IWEA Best Technical Presentation Award for his excellent presentation at the 2011 Annual Conference. His presentation was titled: Why 100 Year Storm Occurs So Frequently and What to Do About It?

Joe Koronowski was the recipient of the IWEA Merideth Award. This award goes to an individual for outstanding contributions to the wastewater treatment plant operations profession. Joe recently retired from Illinois EPA after a career of more than 30 years, all in the Champaign Regional Office. He served as Regional Manager in the Division of Water Pollution Control for more than 20 years.

Larry Ziemba was the recipient of the IWEA Paul Clinebell Award. This award recognizes an IWEA individual who has and continues to provide significant contributions to the Illinois Water Environment Association over at least a 25 year membership. Larry is one of the charter members of the IWEA and a tireless supporter of the Association. He was the IWEA President for 2005-2006 and continues to serve on the Public Education and Awards committees.

Fred Wu was the recipient of the IWEA Outstanding Young Professional Award for 2011. This award recognizes the contribution of a young professional for significant contributions to IWEA. Fred was recognized for his many contributions to IWEA and WEF.

James Liubucich was inducted into the WEF Quarter Century Operator’s Club. The Quarter Century Operator’s Club is a group of members who have been actively involved as full-time participants in the water environment industry for 25 years or more.

These awards were presented at the 2012 IWEA Annual Banquet at Erin’s Pavilion in Springfield. Congratulations to all the award recipients!

It’s never too early to start thinking about nominations for next year. If you know someone who should be considered for an award, please submit a nomination.

All award information and nomination forms can be found at www.iweasite.org.

cover story continued...

collaborative links with other organizations in conducting events, expand our membership base to under-represented groups like operators, students, and public officials, and strengthen our committees with active volunteers who will undertake strong programs. The goal is to grow stronger as an organization each year and serve our member needs effectively and in a timely manner.

I am pleased to report the newest committee, Nutrient Removal and Recovery Committee, formed during 2011 with the Board’s approval, is off to a strong start.

Mark Halm and I have taken personal interest in this committee due to the importance of nutrients issues in Illinois currently and hope to have numerous programs during the year for the membership. I will write more about our committees in my next column since they are such an important part of the organization.

Enjoy the summer, but don’t forget to participate in our events and most importantly, our Golf Outing on June 8 at the Links at Carillon. I am sure Mark Halm has planned and will have a great event to meet and have fun.
Attendees at IWEA’s annual meeting during WATERCON ’12 heard WEF Trustee, John Hart, discuss WEF’s new strategic direction. The rollout and implementation will continue over the next several months. An early outcome of the plan was the proposal of a set of changes to WEF’s Constitution and By-laws to provide an open nomination process for Board of Trustees members, restructure the WEF officer nominating committee, and reduce the size of the Board of Trustees. The drivers for these changes, as expressed by WEF President, Matt Bond, included:

- Ensuring a diverse set of skills, knowledge, experience and expertise in WEF leadership;
- Enhancing the Board’s capacity to remain strategically focused;
- Increasing the capacity of WEF to have influence in the water sector;
- Improving deliberative nimbleness and efficiency;
- Assuring balanced and well informed; consideration of potential Board candidates

John Lamb and Tim Kluge participated in one of several House of Delegates conference calls with Matt Bond on these items. These calls were held prior to the vote to discuss any questions or concerns the Delegates may have had on these issues. Delegates were recently informed that the WEF membership voted to approve the changes.

The “Water’s Worth It” messaging campaign was also visible to those attending WATERCON. Executive Director, Jeff Eger, prepared the following introduction to this campaign for WEF members:

**Water Should Be Clear, But Not Invisible**

*By Jeff Eger*

Water is incredibly valuable — you and I know that. But how much is water worth to the general public? Unfortunately, it’s not appreciated as much as it should be. What’s out of sight often is out of mind, and what’s delivered and whisked away like magic is often taken for granted.

This is a familiar refrain in the water sector. But the Water Environment Federation (WEF) is seeking to change that.

On March 22, WEF officially launched the WATER’S WORTH IT™ public messaging campaign. WATER’S WORTH IT is designed to demystify water and water treatment, as well as generate greater awareness of the value of water. One of its goals is to promote the direct connections between what our profession does and what the public values — jobs, health, security, and clean water.

WATER’S WORTH IT features simple, compelling messages, such as:

- Clean water is everyone’s responsibility.
- Be as good to water as water’s been to you.
- Indispensable to jobs, the economy, our health, and our communities, water runs through our lives in many ways.

WATER’S WORTH IT made its debut as a pilot campaign at WEFTEC® 2011 in Los Angeles. The response from WEF members and other stakeholders was incredibly positive. We drew on all the input we received to further develop the campaign, which we officially launched to the water sector on March 22, World Water Day.

I encourage you to visit the new campaign website, www.WatersWorthIt.org, which features a toolkit with graphics, fact sheets, and other materials. These materials are versatile, so you can use them on their own or incorporate them in to your existing communications plans. Materials can be customized to reach any audience, in any location, about any issue.

The central message is a powerful one. Whenever I wear my WATER’S WORTH IT pin, it never fails to spark a conversation. Whether I’m at a WEFMax or Member Association meeting, on Capitol Hill, or on an airplane, I inevitably get comments such as, “What’s that?,” “You’re right,” or my favorite, “Hell yeah!”

We are already generating some buzz with WATER’S WORTH IT, and we are just getting started. But water needs our unity. In order to fully realize the potential of this campaign, we need you to join us and be a voice for water.

There are several simple ways to do this. You can download the toolkit materials at WatersWorthIt.org and start putting them to use. You can take the “Water’s Worth It” pledge and declare that clean and safe water is important to you. And you can send us your feedback at WatersWorthIt@wef.org. We want to hear how we can develop WATER’S WORTH IT to suit your needs.

We are very excited about the campaign and encourage you to think about how you might use it in your community programs and outreach efforts. Help us keep water visible. WATER’S WORTH IT!

Implementing the new nominating process, WEF has issued an invitation for members to submit nominations for WEF Board of Trustees (2 positions), WEF Vice President, WEF Treasurer and WEF House of Delegates - Delegate-at-Large (4 positions).

The deadline is May 31, 2012 and nominating information and forms may be found at [www.wef.org/MAResourceCenter](http://www.wef.org/MAResourceCenter).
MLB Drops the Ball on Grounds of Chain-of-Custody

Recent news involving Milwaukee Brewers superstar and National League MVP Ryan Braun has brought public attention to a common lab practice that we are all too familiar with. The practice I’m referring to is Chain of Custody.

Chain of Custody (COC) plays an important role in documenting the integrity of a sample. COC forms are used for tracing the lineage of a sample from the time of collection, through reporting of results, to the disposal of the sample. Proper COC protocol gives confidence to the analytical results.

The sampler initiates COC. As samples are passed from individual to individual, the transfers are noted. This process continues until the samples are delivered to the lab where the COC form is signed, timed and dated.

To get you up to speed on the Braun story ... in 2011, Ryan Braun tested positive for performance enhancing drugs. As a result, Major League Baseball came down on him with a 50 game suspension, which has since been overturned. This made Braun the first player to have a drug suspension overturned. In his appeal, Braun didn’t argue against the validity of the test results, he didn’t argue against the science, but instead he successfully argued that COC protocol had not been properly followed.

The issue was that the sample was not shipped for testing as soon as possible, as required by the testing policy. The sample collector thought FedEx was closed because it was late on a Saturday. The sample was taken to his home and kept in the refrigerator over the weekend. The public debate is ongoing about the validity of the results, but many feel that the case was dismissed on a technicality.

Technicality or not, this case clearly illustrates the importance of the chain of custody when handling samples. If the location of a sample is called into question, it could present enough reasonable doubt to render the related sample data inadmissible. It’s impossible to really know when chain of custody will need to come into play, so it’s important to ensure the COC procedures are followed correctly every time.

The EPA offers a great COC training course online for FREE. It’s a 50-minute, self-instructional course that gives an introduction to what chain of custody is, why it is relevant to environmental professionals, and how to correctly perform chain of custody procedures for samples and data. This free online course concludes with an exam that the user can opt to take to test their COC knowledge and a course certificate for successful completion.

Here’s the link: [www.epa.gov/apti/coc/](http://www.epa.gov/apti/coc/)

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Shovelers Welcome Three New Members

By Greg Garbs, pH7

The ILLINOIS SOCIETY OF SANITARY SLUDGE SHOVELERS, known as the “I5S”, inducted three new members into its elite ranks during the IWEA Conference in March. Selection to I5S membership is based upon recognition of “outstanding, meritorious service above and beyond the call of duty” to the Illinois Water Environment Association.

John Hart, WEF Trustee; Laurie Riotte, Fox Metro WRD; and Rebecca Rose, MWRDGC, were all welcomed into the Shovelers ranks. A gentle chiding was given to all the new shoveler’s and was most graciously received.

All three of these individuals were elevated to the “highest pinnacle on the sludge bed” and granted all the honor, atmosphere, prerequisite and dignity appertaining thereto. The nominees were each awarded a golden shovel and a membership certificate for their unselfish contribution of service to both the Association and the Federation.
The Illinois Environmental Protection Agency’s (IEPA) State Revolving Fund (SRF) loan programs have been in existence for decades, but we are frequently surprised that many Illinois municipalities, counties, townships, sanitary districts, public water districts and private water supply companies are unaware they could be taking advantage of funding for necessary infrastructure improvements at favorable financial terms. What started in Illinois as a grant only program in the early 1970’s for wastewater projects, transitioned into a wastewater project loan program in 1987. In 1996, the drinking water loan program began.

The two loan programs are operated simultaneously by the IEPA, Bureau of Water, Infrastructure Financial Section, and have grown into two of the most successful funding vehicles for wastewater and drinking water improvements in the State of Illinois. The Water Pollution Control Loan Program (WPCLP) funds wastewater projects around the state with a maximum loan term of 20 years and an interest rate at approximately half the market bond rate. The current FY 2012 interest rate is 2.295%. The Public Water Supply Loan Program (PWSLP) runs parallel to the WPCLP and funds drinking water projects of all kinds with similar 20 year loans.

Funding levels for both programs are stronger than ever and will likely continue to grow in the coming years. In the last four years, the WPCLP has provided approximately $1.2 billion in funding while the PWSLP has provided approximately $378 million in funding.

IEPA SRF loan programs operating on a fiscal year beginning October 1 and ending September 30 will see approximately $240 million in wastewater funding available and approximately $79 million in drinking water funding available to Illinois communities. In Fiscal year 2012, funding has been limited to $15 million for any single entity for wastewater projects and $7.5 million for any single entity for drinking water projects. Similar limitations are likely in future fiscal years. Fiscal year 2013 funding levels are anticipated to be similar to those in FY 2012. Projects can include improvements such as sanitary sewer lining, treatment plant rehabilitation/replacement/expansion, water main looping, storage tank painting, sanitary sewer collection system rehabilitation/replacement, water main replacement, lift station rehabilitation/replacement, new wells and/or replacement wells and many more.

If you have a wastewater or drinking water system improvement that may require financing, please contact the IEPA’s Bureau of Water Infrastructure Financial Assistance Section at (217) 782-2027 or www.epa.state.il.us/water/financial-assistance/state-revolving-fund.html to find out how you can take advantage of the favorable financing offered.

New Members

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<tr>
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<tr>
<td>Mark G. Calvino</td>
<td>Klein and Hoffman</td>
<td>April</td>
<td>Larry P. Cook</td>
<td>City of Rock Island</td>
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<td>Robert Swanson</td>
<td>Dupage County, Stormwater Management Division</td>
<td>March</td>
<td>Glenn O. Gottardo</td>
<td>Metropolitan Water Reclamation District of Greater Chicago</td>
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<td>Elizabeth Anne Tijerina</td>
<td>MWRDGC</td>
<td>March</td>
<td>Steve Zehner</td>
<td>Robinson Engineering Ltd.</td>
<td>February</td>
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<td>James Marvin Strong</td>
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<td>March</td>
<td>Joshua L. Stevens</td>
<td>Bloomington-Normal Water Reclamation District</td>
<td>February</td>
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<td>Edward Henry Horn</td>
<td></td>
<td>March</td>
<td>Ron Parente</td>
<td>Granite City Regional WWTP</td>
<td>February</td>
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<td>Ravi Shankar Jayaraman</td>
<td>Burns &amp; McDonnell</td>
<td>March</td>
<td>William Moore</td>
<td>Aqua-Aerobic Systems, Inc.</td>
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<td>Nathan Lair</td>
<td>Virden Sanitary District</td>
<td>March</td>
<td>Gene Ward</td>
<td>Rush University Medical Center</td>
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<tr>
<td>Paul A. Nelson</td>
<td>Aqua-Aerobic Systems, Inc.</td>
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Watershed Management at WaterCon 2012

Watershed Management Committee planned and hosted this year’s Watershed Management Session on March 20 as part of WaterCon 2012. Over 80 people attended the day-long event featuring guest speakers from USEPA, IEPA, and several watershed organizations throughout the state. Dan Bounds with CDM Smith kicked things off with a committee update and overview of accomplishments in 2011 / 2012. The committee produced several educational articles on emerging water quality issues and a newly available watershed management guidance.

Bob Newport, USEPA Region 5, presented topics from a national perspective including an update on the proposed Federal stormwater rulemaking and information on implementing green infrastructure within new development and redevelopment projects. Bob explained several aspects of the proposed rule, including the potential for volumetric retention requirements and expanding the area currently covered by Phase II NPDES stormwater permits. USEPA’s plans are to draft the stormwater rule for public comment sometime in 2012, and finalize the rule in late 2013.

Bob Mosher with IEPA provided an Illinois water quality standards update, covering new information on Boron, Fluoride and Manganese standards, new Chicago Waterway Standards, and new statewide Bacteria, Ammonia, and Nutrient standards. Boron, Fluoride and Manganese standards were proposed in December, 2010 to the Illinois Pollution Control Board as acute and chronic values based on the latest aquatic life data. Each standard was relaxed compared to the existing one-number values. No comments were received during the public hearing process; the rulemaking has yet to proceed to the 1st notice.

Improvement in Chicago Area Waterways quality has led to the development of new standards that reflect existing uses of the waterways with corresponding effluent standards. Remaining sticking points include temperature and dissolved oxygen standards. A hearing process is currently underway. Regarding Bacteria standards, USEPA is preparing to publish its National Water Quality Criteria for Bacteria (October 2012). It appears that E. coli will be the organism that the criteria are based on. States such as Illinois with standards based on Fecal Coliform must convert to E. coli. The new Illinois Bacteria standard will not necessarily be more stringent, just different.

USEPA will publish the final National Water Quality Criteria for Ammonia soon. These criteria are no longer in a dual format based on ‘mussels present/mussels not present’ because newly derived snail data show sensitivity equal to mussels. There is no longer a reason for two sets of standards as snails are routinely present in Illinois waters. These new criteria may be very low – five times lower than existing ammonia standards.

Regarding nutrient standards development, Bob explained that Phosphorus is the limiting nutrient in almost all Illinois waters, and there is no cause-effect relationship between Phosphorus concentrations and adverse impacts to aquatic life. Given the Federal stance on nutrients, Phosphorus reduction seems inevitable, though for implementation reasons, a numeric standard for Illinois streams may not be workable. USEPA has written IEPA letters insisting that Phosphorus be regulated immediately where violations of the existing narrative standards exist. IEPA foresees four tasks to satisfy nutrient issues and has organized workgroups for each task, as follows:

- Update the narrative standard to define aquatic life impairment from excess algae/plants = excess Phosphorus
- Devise a way to regulate Phosphorus in the near term when facilities are upstream of algae/plant impaired waters
- Determine economically reasonable/technically feasible Phosphorus limits for larger dischargers
- Identify and protect streams that currently are low in Phosphorus
Amy Burns Walkenbach, IEPA provided an update on the Illinois TMDL and Non-Point Source Programs, as well as efforts on green infrastructure, watershed planning implementation, and the state's nutrient priority watersheds. Amy updated the session on the progress of several statewide TMDLs, and explained that the 2012 303d list of impaired waters will soon go to public hearing. There has been partial approval of the 2008 list, and the 2010 list is pending approval, awaiting action by USEPA.

Funds continue to falter for the Section 319 Nonpoint Source Grant Program, although the President's budget for FY2013 does ask for a slight increase over last year. Regarding nutrient priorities, workgroups have been established to focus on nutrient priority watersheds, currently the Lake Bloomington, Lake Vermilion, Lake Decatur, Vermilion River-Illinois River Basin, Salt Fork Vermilion-Wabash Basin, and Lake Mauvaise Terre watersheds.

Stephen McCracken with the DuPage River Salt Creek Workgroup provided an overview of all current Workgroup initiatives with focus on project identification and ranking based on stream segment restorability using the Workgroup's Integrated Prioritization System (IPS). The IPS tool is proving beneficial for directing the Workgroup's watershed implementation resources.

Keith Alexander with the City of Decatur presented the history and evolution of the Lake Decatur Watershed Partnership, highlighting the Partnership's nonpoint source control management efforts and participation in the KIC (Keep It for the Crop) by 2025 initiative.

Rick Valent with the City of Crystal Lake discussed McHenry County Source Water Protection efforts, including each component of McHenry County's Water Resources Action Plan. Rick also added specific insights and experiences from the City of Crystal Lake's perspective.

Melissa Eaton with the Tri-County Regional Planning Commission provided an update on Peoria Area Watershed Programs, including an updated stormwater ordinance, enforcement of the existing ordinances, regional education efforts, and the development of a stormwater utility.

Bob Trueblood, Fox River Water Reclamation District and Kyla Jacobsen, City of Elgin teamed to provide an update on Fox River Study Group efforts, consisting of four major phases since 2002: understand available information, develop planning tools, integrated monitoring/define models, and propose and promote management actions.

To wrap up the day, Dan Bounds facilitated the session's open forum discussion, where some truly dedicated watershed practitioners interacted for over an hour on current management challenges and potential solutions.

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Marketing Committee Seeks New Members

By Cheryl Kunz, Marketing Committee Chair

Enthusiastic People with New Ideas Welcome.

The Marketing committee is currently seeking individuals to join its team. If you or someone at your company or facility is interested in helping support and promote the IWEA and its initiatives, we would welcome you to our team. We are looking for individuals who are considered those “right-brain” creative thinkers who get a boost out of conceptualizing, planning, creating and implementing marketing communications in a fun and professional way.

We are seeking people who may have some experience in areas such as graphic design, social media, publicity writing and tradeshow/event coordination or those people who just enjoy participating in the brainstorming process and can add value to our committee and the IWEA organization. We have an exciting year ahead of us and are eager to welcome new members to our committee.

Please contact Cheryl Kunz at: ckunz@aqua-aerobic.com or call (815) 639-4582 for more information.

We look forward to having you or someone you know on our team!
Illinois EPA Updates

Draft 2012 Integrated Report

The Draft 2012 Illinois Integrated Water Quality Report and Section 303(d) list is now available and open for public comment. This report documents streams that are impaired from meeting their designated uses and identifies specific causes of these impairments. That information is then used to determine restrictions in future permitted loading and aids in the selection of water bodies for the development of Total Maximum Daily Loads (TMDLs). Public comments may be submitted until May 17, 2012. For more information or a copy of the report, please visit www.epa.state.il.us/water/tmdl/303d-list.html.

Development of Nutrient Standards

IEPA continues to study nutrient related issues and to engage stakeholders in the development of updated water quality standards. IEPA has determined that phosphorus is the limiting nutrient in most Illinois streams. However, they have been unable to find a relationship between phosphorus and adverse impacts to aquatic life that would justify any specific numerical phosphorus standard. Therefore, IEPA is currently working on an approach that will utilize a narrative water quality standard to prevent aquatic life impairments due to excess nutrients and new effluent standards to reduce phosphorus from point sources. Under this approach, the existing “offensive condition” narrative water quality standard (35 IAC 302.203) will be modified to better define and prohibit cultural eutrophication. The effluent standards in 35 IAC 304.123 will also be modified to include updated technology based effluent limits for facilities undergoing upgrades, requirements to limit phosphorus to streams exhibiting cultural eutrophication, and provisions to protect existing low phosphorus waters.

On a related note, USEPA is expected to publish a final version of their Updated National Water Quality Criteria for Ammonia sometime this year. Illinois will be required to examine and update their existing ammonia standard after publication of these recommendations. These criteria will be significantly more stringent than the existing Illinois standard if adopted.

USEPA Updates

Storm Water and Integrated Plans

USEPA continues to work on a new national rule to strengthen its existing storm water program to reduce discharges from both newly developed and redeveloped sites, and to possibly reduce discharges from existing development. USEPA hopes to release a schedule for this rulemaking by the end of April.

USEPA is also working on a final framework for integrated planning approaches to meeting municipal storm water and wastewater water quality objectives. A draft version of this framework was released earlier this year, and the final version will likely be released late spring or early summer.

Please visit http://cfpub.epa.gov/npdes/index.cfm for more information on these efforts.

Bacteria Water Quality Standards

USEPA published draft recommendations for protecting human health in water recreation waters on December 21, 2011. USEPA recommends that states and authorized tribes adopt new or revised water quality standards based upon either E. Coli or enterococci concentrations during the recreational season. USEPA is expected to release its final recommendation in the fall of 2012. USEPA will expect Illinois to shift from its current Fecal Coliform standard to a standard based upon these final recommendations. Facilities without current bacteria limits should pay particular attention, as the Illinois rulemaking will likely determine the future of the disinfection exemption process.

ILLINOIS WATER ENVIRONMENT

TRIVIA!

What is Illinois’ largest inland lake?

See answer on bottom of page 11.
The Student and Young Professional Poster Competition took place on Wednesday, March 21st at WaterCon ‘12 in Springfield. Five wastewater posters and one clean water poster were evaluated for originality of work, technical content, completeness of work, clarity of poster, relevancy and abstract.

The following is a list of posters (in alphabetical order by presenter’s last name):

- Enhancements of Hemoglobin Expressing Bacteria in Activated Sludge Process to Reduce Oxygen Supply Requirements – Marina Arnaldos, IIT (IWEA 2nd Place)
- Improving the Stability and Performance of Algal Wastewater Treatment System with Integrated Adsorption Treatments – Kuo Chih-Ting, U of I (IWEA 1st Place)
- Moline WTP Expansion Project – Billy Nichols, U of I (ISAWWA 1st Place)
- Understanding and Controlling Foam in Anaerobic Digesters: Case Studies – Baargavi Subramanian, IIT
- Evaluation of Gas-Phase Ozone Oxidation for the Odor Removal from WRPs – Yanming Zhang, IIT

The competition was fierce. Each participant did a superb job in discussing their posters to the judges. And each is performing stellar work. Kuo Chih-Ting received $200 for 1st place and Marina Arnaldos received $100 for 2nd place.
Executive Committee

Illinois Water Environment Association Executive Board

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<tr>
<th>Member/Position</th>
<th>Affiliation</th>
<th>Telephone/Email</th>
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<td>Tim Kluge</td>
<td>Sanitary District of Decatur</td>
<td>(217) 422-6931, ext. 214 / <a href="mailto:timk@sdd.dst.il.us">timk@sdd.dst.il.us</a></td>
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<td>Mark Halm</td>
<td>Walter E. Deuchler Associates</td>
<td>(630) 897-4651 / <a href="mailto:mhalm@deuchler.com">mhalm@deuchler.com</a></td>
</tr>
<tr>
<td>Past President</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laurie Riotte</td>
<td>Fox Metro Water Reclamation</td>
<td>(630) 301-6825 / <a href="mailto:ExecMgr@iweasite.org">ExecMgr@iweasite.org</a></td>
</tr>
<tr>
<td>Executive Director</td>
<td></td>
<td></td>
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</tbody>
</table>

Third Quarter Financial Report

By Debra Ness, Treasurer

The third quarter for IWEA is, as most of you know, a busy time for the association because a large portion of its educational programs are held during this period. This past January, the Government Affairs Seminar in partnership with the CSWEA was moved back to its original month of January and had great program and attendance. Also, the Industrial Pretreatment Committee once again partnered with the Industrial Water, Waste and Sewage Group to host its annual dinner meeting in February, and the ISAWWA/IWEA Watercon Conference was held at the Crowne Plaza in Springfield this past March. Hopefully you had a chance to attend one or more of these events.

The Annual Report to the Illinois Secretary of State under the General Not for Profit Corporation Act was filed during the third Quarter of the fiscal year. This report was filed in March and provided notice of the election of new officers.

3RD QUARTER
FINANCIAL STATEMENT

BANK ACCOUNTS
- Community Bank: $43,787.63
- Science Fair Fund: $3,965.68

ASSET ACCOUNTS
- 12 Month Reserve CD: $12,272.53
- 24 Month Reserve CD: $12,688.23
- 24 Month Reserve CD: $10,045.31
- 24 Month Reserve CD: $10,075.32

TOTAL: $92,834.70
### Committee Chairs

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chair Person</th>
<th>Company</th>
<th>Telephone/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Conference</td>
<td>Kendra Sveum</td>
<td>Donohue &amp; Associates, Inc.</td>
<td>(312) 236-9147 / <a href="mailto:ksveum@donohue-associates.com">ksveum@donohue-associates.com</a></td>
</tr>
<tr>
<td>Awards</td>
<td>Patricia Schatz</td>
<td>Kankakee Municipal Utility</td>
<td>(815) 933-0487 / <a href="mailto:peschatz@citykankakee-il.gov">peschatz@citykankakee-il.gov</a></td>
</tr>
<tr>
<td>Biosolids</td>
<td>Dan Collins</td>
<td>MWRDGC</td>
<td>(708) 588-4300 / <a href="mailto:daniel.collins@mwrd.org">daniel.collins@mwrd.org</a></td>
</tr>
<tr>
<td>Collection Facilities</td>
<td>Tom Woods</td>
<td>Visu-Sewer of Illinois, LLC</td>
<td>(708) 236-0340 / <a href="mailto:TomW@visu-sewer.com">TomW@visu-sewer.com</a></td>
</tr>
<tr>
<td>Electrical, Power, Energy and Controls</td>
<td>David Tucker</td>
<td>CDM</td>
<td>(312) 346-5000 / <a href="mailto:tuckerdd@cdm.com">tuckerdd@cdm.com</a></td>
</tr>
<tr>
<td>Governmental Affairs</td>
<td>Lou Kollias</td>
<td>MWRDGC (retired)</td>
<td>(224) 805-2020 / <a href="mailto:lkollias@comcast.net">lkollias@comcast.net</a></td>
</tr>
<tr>
<td>Industrial Pretreatment</td>
<td>Jim Czarnik</td>
<td>Robinson Engineering, LTD</td>
<td>(815) 412-2716 / <a href="mailto:jczarnik@reldt.com">jczarnik@reldt.com</a></td>
</tr>
<tr>
<td>Laboratory</td>
<td>Becky Rose</td>
<td>MWRDGC</td>
<td>(708) 588-3675 / <a href="mailto:rebecca.rose@mwrd.org">rebecca.rose@mwrd.org</a></td>
</tr>
<tr>
<td>Local Arrangements</td>
<td>Carlee Sharnhorst</td>
<td>Prairie Analytical Systems</td>
<td>(217) 414-7762 / <a href="mailto:carlee@prairieanalytical.com">carlee@prairieanalytical.com</a></td>
</tr>
<tr>
<td>Marketing</td>
<td>Cheryl L. Kunz</td>
<td>Aqua-Aerobics Systems, Inc.</td>
<td>(815) 639-4582 / <a href="mailto:ckunz@aqua-aerobic.com">ckunz@aqua-aerobic.com</a></td>
</tr>
<tr>
<td>Membership</td>
<td>Fred Wu</td>
<td>MWRDGC</td>
<td>(312) 751-4025 / <a href="mailto:frederick.wu@mwrd.org">frederick.wu@mwrd.org</a></td>
</tr>
<tr>
<td>Newsletter</td>
<td>Kathy Cooper</td>
<td>Rochelle Municipal Utilities</td>
<td>(815) 561-2065 / <a href="mailto:kcooper@rmu.net">kcooper@rmu.net</a></td>
</tr>
<tr>
<td>Nutrient Removal and Recovery</td>
<td>Krishna Pagilla</td>
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<td>(312) 567-5717 / <a href="mailto:pagilla@iit.edu">pagilla@iit.edu</a></td>
</tr>
<tr>
<td>Safety</td>
<td>Mark Temini</td>
<td>Village of Addison</td>
<td>(630) 279-2140 / <a href="mailto:mjohnson@rrwrd.dst.il.us">mjohnson@rrwrd.dst.il.us</a></td>
</tr>
<tr>
<td>Scholarship &amp; Charitable Giving</td>
<td>Mary Johnson</td>
<td>Rock River Water Reclamation</td>
<td>(815) 387-7523 / <a href="mailto:mtermini@addison-il.org">mtermini@addison-il.org</a></td>
</tr>
<tr>
<td>Student Chapters</td>
<td>Lou Storino</td>
<td>MWRDGC Engineering Dept.</td>
<td>(312) 751-3167 / <a href="mailto:louis.storino@mwrd.org">louis.storino@mwrd.org</a></td>
</tr>
<tr>
<td>Watershed Management</td>
<td>Dan Bounds</td>
<td>CDM</td>
<td>(312) 346-5000 / <a href="mailto:boundsdg@cdmsmith.com">boundsdg@cdmsmith.com</a></td>
</tr>
<tr>
<td>Website</td>
<td>Mary Johnson</td>
<td>Rock River Water Reclamation</td>
<td>(815) 387-7523 / <a href="mailto:mtermini@addison-il.org">mtermini@addison-il.org</a></td>
</tr>
<tr>
<td>Young Professionals</td>
<td>Sai Archana Kuchimanchi</td>
<td>Greeley &amp; Hansen</td>
<td>(312) 578-2412 / <a href="mailto:skuchimanchi@greeley-hansen.com">skuchimanchi@greeley-hansen.com</a></td>
</tr>
<tr>
<td>2011 SJWP Local Arrangements</td>
<td>Chuck Corley</td>
<td>Illinois EPA</td>
<td>(815) 987-7760 / <a href="mailto:charles.corley@illinois.gov">charles.corley@illinois.gov</a></td>
</tr>
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**Trivia Answer:** Illinois’ largest lake is Carlyle Lake, 24,580 acres located in Clinton, Bond and Fayette Counties.  
2nd largest: Rend Lake, 24,000 acres located in Franklin and Jefferson Counties  
3rd largest: Lake Shelbyville, 11,000 acres located in Shelby and Moultrie Counties.
IWEA Calendar of Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Meeting/Activity</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 5, 2012</td>
<td>T-Con Midwest Water &amp; Wastewater Technology Conference</td>
<td>McHenry County College, Crystal Lake, IL</td>
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<tr>
<td>June 8, 2012</td>
<td>IWEA Member Golf Outing</td>
<td>Links at Carillon, Plainfield, IL</td>
</tr>
<tr>
<td>June 15, 2012</td>
<td>Committee Chairs Meeting</td>
<td>Utica Room, Starved Rock Lodge, Utica, IL</td>
</tr>
<tr>
<td>September 13, 2012</td>
<td>Nutrient Removal and Recovery Workshop</td>
<td>Timber Creek Convention Center, Sandwich, IL</td>
</tr>
<tr>
<td>September 14, 2012</td>
<td>Committee Chairs Meeting</td>
<td>Utica Room, Starved Rock Lodge, Utica, IL</td>
</tr>
</tbody>
</table>

You’re Invited!

Join us for IWEA’s Annual Golf Open and BBQ Buffet Dinner on Friday, June 8th at the Links at Carillon in Plainfield with a 9 a.m. shotgun start. Cost is $85.00 per person and includes one round of golf with a cart, lunch, and BBQ buffet dinner.

Information about sponsorship opportunities is available on www.iweasite.org.