EFTEC ’09 was a good conference early on, but it quickly became a great conference on Tuesday evening at the Operations Challenge Awards Ceremony.

The Windy City Wizards, sponsored by the Illinois WEA and comprised of MWRDGC employees, took home First Place in the Division 2 competition.

The competition consists of five events: collection systems, safety, maintenance, laboratory, and process control. The events mimic scenarios likely to be found in the maintenance and operation of wastewater treatment plants. All of the events are timed, and penalties are given for mistakes, missed components, safety violations or abusing equipment. The event has often been referred to as the Olympics for wastewater treatment operators.

This is only their third year of competition, but the Windy City Wizards have been improving each year. They traveled to Ohio in May to compete against teams from both Division 1 and Division 2. The Wizards brought home first place trophies in the Collections System Event and Safety Event. Just as important, competing in the Ohio regional provided valuable live competition experience and helped identify areas the team needed to focus on for WEFTEC.

After Ohio, the team spent many long hours practicing and preparing for the competition. The key to winning the competition is to work quickly, but without penalties; penalties are severe and can ruin an event. There were spent tweaking procedures and choreographing moves for each event, in addition to sweating over pipes and pumps set up in garages. In addition to the physical component, there were many nights spent studying and learning to prepare for the Process Event – a timed written exam testing the team’s knowledge of wastewater treatment.

The key to winning the overall event was a strong finish in all of the events and winning First Place in two of the events. Considering the team consists of operations and maintenance personnel, they could not have won without the help of Illinois WEA Laboratory Committee members Tom Liston, Victor Olchowka, and Sandy Conrad. This was evident when the team took First Place in the Laboratory Event. They also took First Place in the Process Control Event.

The Windy City Wizards team consists of personnel that work in the day-to-day operation of the MWRDGC’s treatment plants. Team members were nominated by their plant managers, and a final team was selected from this pool. Each of the three areas of the MWRDGC is represented on the team.

The team did MWRDGC and Illinois WEA proud by their performance. Congratulations to Coach Ed Staudacher, Captain Paul Wysocki, Bob Jones, Jim Kaminski, Jim McNamara, and Rich Stubing. We are very proud of you guys!

*See photos of the Wizards in action on page 5.*
Thoughts on Autumn and Leadership Day at WEFTEC

By Amanda J. Withers, P.E., IWEA President

Autumn is definitely in full swing here in Springfield. The rainy days and cooler weather have hit us full force, but it is still my favorite season. October is filled with changing temperatures, a dazzling array of colors, my birthday (yes, I am still considered a YP, but just barely), my favorite holiday, Halloween, and of course WEF’s annual conference and exhibition, WEFTEC. I was privileged to be able to represent IWEA at WEFTEC ’09 in Orlando, Florida this year. We drove down with the kids and spent the week with my parents, so it doubled as our first official family vacation as well!

While Logan and Leita, with grandparents in tow, were enjoying the humidity and killer whales at SeaWorld, I was scouting for new technologies in the Exhibit Hall, learning from our peers in some excellent technical sessions, and representing IWEA at the WEFTEC.09 Leadership Day. This event is designed specifically for paid staff and leaders of the member associations to focus on topics that impact the success of WEF and MA’s. It was a full day workshop on Tuesday, October 13th, and I want to share some of what I learned that day.

The first topic was a presentation by and discussion with WEF’s general counsel, James Sullivan, on the “Revised Form 990 – Are you Compliant?” This federal form has recently been revised and requires expanded record-keeping and disclosure of information regarding our organization’s governance and administrative policies. I now understand the difference between what a not-for-profit (state law) versus a tax exempt organization (no federal taxes) is. I came out of this session with questions and plan on finding out if IWEA is compliant with the new Form 990 requirements; if not, we will be!

A WEF representative updated us on their WEFeco initiative, now two years into the program that was designed to reduce WEF’s carbon footprint through education of staff, vendors and energy-efficient improvements to their headquarters. The MA’s representatives were then given the opportunity to brainstorm and present some of our ideas on what we can implement in our MA operations, such as carpooling to events through a rideshare website, centrally located conferences, more conference calls when appropriate, electronic notices/registrations, putting recycling requirements in hotel contracts and putting recycling requirements in hotel contracts and

cont. on page 5

Illinois Water Environment Association is a Member Association of the Water Environment Federation dedicated to improving Illinois’ surface, sub-surface and atmospheric water. The ILLINOIS CLARIFIER is a quarterly publication of IWEA providing pertinent information by, for and about IWEA Members. The opinions contained herein are those of the authors and not necessarily those of the IWEA or the Illinois CLARIFIER committee. Copy deadlines are the 15th of January, April, July and October. Direct comments and inquiries to: Illinois Clarifier, Heather Wachter, Managing Editor; e-mail: ILClarifier@juno.com; website: http://iweasite.org. Printed on recycled paper. Share with a friend and prospective member, then recycle.
By Lou Kollias, Delegate 2011

WEFTEC ’09 is history as I write this, and almost 17,500 visitors attended this year’s event in Orlando. Ted Denning and I attended, representing Illinois WEA as your Delegates to the House of Delegates (HOD).

Our work started early with two conference calls in August and September wherein we discussed the results of the WEFMAX meetings held this year, the progress of the Work Groups, and an orientation refresher on the duties of the Delegates. The Work Groups include WEF/MA Relationship, Ways and Means, WEFMAX, Operator Involvement/Outreach, and House/MA Representation work groups.

On Saturday at 8:00 a.m. we began a full day’s worth of meetings. It started with an orientation refresher for the HOD on policies and procedures. Speaker Tom Helgeson then convened a joint session of the 2008-2009 and 2009-2010 HOD. There was an introduction of all members of the HOD, followed by presentations by WERF and Water for People, and a discussion of future WEFTEC locations.

We then broke into the individual work groups for discussions. The WEF/MA Relationship work group discussed ways of improving WEF/MA relations, and what has been done to date. The Ways and Means work group discussed evaluating HOD policies and procedures. The WEFMAX work group discussed planning procedures and evaluation of content and format to provide the most effective use of WEFMAX meetings. The WEFMAX Work Group will become a Standing Committee in 2010. The locations of the 2010 WEFMAX meetings are Puerto Rico; Alexandria, VA; Cleveland, OH; and San Diego, CA. The Operator Involvement/Outreach work group discussed just what their title is, reaching out to operators. They will be posting a survey on the WEF website which can be printed out, be directed to a link, or completed online. The final work group on House/MA Representation was led by our own Ted Denning. Their goal is to review the current policy established by the Constitution and By-Laws regarding the size, voting privileges, and representation of MAs in the HOD. On one side were the small MAs who have lost their voting privileges because they fell under the limit, and on the other side were the large MAs with over 2,000 WEF members who wanted more than three delegates. I assisted Ted, and it was a very lively session.

We then adjourned for lunch and returned at 1:15 p.m. with the 2008-2009 HOD meeting where we approved the new officers and the new Board of Trustees nominees. Approved were: Vice President Matt Bond, Kansas WEA; Treasurer Chris Browning, Georgia AWP; Delegates-at-Large Eric Dodds, Minnesota; Kari Fitzmorris, Georgia; Elliot Whitby, Ontario, Canada; Bob Matthews, California; and Marvin DeVries, Ontario, Canada. For Board of Trustees, the following were approved: Paul Bowen, Georgia; Paul Schuler, Pacific Northwest; Terry Krause, Central States; and Rick Warner, Nevada.

After adjourning, we reconvened the 2009-2010 HOD meeting. This year, both meetings were held on Saturday. Usually the second meeting is held on Wednesday afternoon of WEFTEC but was changed this year as a result of discussions at the WEFMAX meetings. We approved the new HOD Speaker, Bill Orne, and the members of the new Board of Trustees were introduced. The Work Group leaders then discussed the results of their sessions. The meetings ended at 4:30 p.m., but we all met later that evening at the HOD reception.

In conclusion, it was a very productive day in the HOD. This was my second year as a Delegate, and I appreciated the dedication of all those involved.
O
n August 25, 2009, the Laboratory Committee met in Kankakee. Agenda items included the budget, evaluation of the joint seminar with Central States, and the 2010 Conference. After payment of expenses for the joint seminar with Central States, IWEA received $742.62. The Laboratory Committee, jointly with the Public Education & Student Affairs Committee, will be purchasing a Hach Spectrophotometer to be used at future workshops and seminars. At the 2010 Conference, on Tuesday, March 2, the Lab Session will return between 8:30 a.m. and noon. Topics and speakers will be published in the next Clarifier.

If you attended the joint workshop with Central States in Downers Grove, you know that Hach LBOD Technology and Hach Method 10360 (Luminescence Measurement of Dissolved Oxygen, LDO, in Water and Wastewater) was presented. The question has been raised, “How do I get approval from IEPA to use this probe for BOD measurement?” Needless to say, first ask yourself, “Are you an accredited lab through the Illinois EPA’s Environmental Laboratory Accreditation Program (ELAP)?” If you are an accredited lab, with regrets, this method is not approved for 40 CFR Part 136 testing.

Secondly, ask, “Do you want to use Hach Method 10360 for NPDES compliance monitoring?” Contact the USEPA, Region 5 ATP office, Ken Gunter. The authority for ATP has not been granted to Illinois to pass on to facilities.

DMR-QA Study Calendar
By the time this goes to print, one copy of the Permittee Data Package (NPDES Permittee Data Report Form, Chemistry/Microbiology and Wet Checklists for each laboratory used) should have been sent to the State Coordinator; hopefully you remembered to make a copy for your records. By December 4, 2009, negotiate any “Not Acceptable” data for corrective action with the state DMR-QA coordinator.

Check Your Knowledge
Does the Illinois EPA require municipal laboratories to be certified through their Environmental Laboratory Accreditation Program? (Go to iweasite.org for the answer.)

Have you ever read your NPDES Discharge permit? Maybe you have not. Maybe that super-secret document is locked up in the “Supers” office. Maybe it’s one of those “need-to-know” things at your facility. Truth be told, every wastewater operator should have a copy of the relevant pages of the NPDES permit. I say ‘relevant’ because there are just some things in the permit that we, as plant operators, have no control over. What operators do have control over is what goes out to the river.

That marvelous document called the NPDES permit is the legal stuff that has to be done in order to comply with the Clean Water Act. What? You never heard of the CWA? Congress passed it into law back in 1972 as Public Law 92-500. It outlines what needs to be done to protect the environment. It also outlines all the things that POINT SOURCE dischargers can and cannot do. The environmentalists out there would rather that no pollutants be discharged. However, there is not enough technology or money to do that. What the NPDES permit does do is set limits on the amount of pollutants that can be discharged. On the flip side, there are no limits for NON-POINT SOURCES! You know, the small streams or farm runoff that actually does the real polluting. Don’t think so? Ever hear of soil erosion? That’s the stuff that blows off or is washed off farm fields. Guess where that ends up. Yep, in the lake or stream. Enough pontificating!

The NPDES permit actually has a structure to it. The first page is the obligatory cover letter from the issuing authority. Next is the identification page. This is where the permit issue and expiration date, permit holder, facility address, and receiving stream are identified. Next are the outfall limits pages. These pages are the most important stuff to us as operators. These pages list the parameters that cannot be exceeded. There is an outfall limit page for every identified outfall belonging to the facility. Lots of important information is contained in these pages. Read them or weep!

Next are the Special Conditions. Ooh Wee, what fun and excitement here. In the Special Conditions sections, all the neat stuff such as sludge sampling and reporting requirements, additional effluent sampling, construction timelines, compliance stuff, and a host of other aggravations are listed. Pay close attention to the Special Conditions, as lots of big, one time studies and reports are defined.

Now the one section that is near and dear to my heart is the back of the final page. Not many have dared to read it; to do so will require good eyesight, a magnifying glass and strong light. These are the Standard Conditions. Not unlike a contract, this is the fine print stuff that usually “bites you in the behind.” The Standard Conditions define certain terms such as Grab Sample and Flow Proportional Composite Sample. The real bite of the Standard Conditions lies in the 11 bulleted paragraphs. Look at them closely. Outlined there are the exact responsibilities of the permit holder.
incentives such as a prize drawing to encourage badge holder reuse. IWEA has already implemented many of these ideas, and I would encourage each of you to let the Board know how you think we can lessen our MA’s impact on the environment.

WEF highlighted several of the community service outreach projects that MA’s have been doing lately to give back to the community. South Carolina has a program called Critters in the Creek, Virginia did one recently that got great public participation called Water Jam, Missouri teams up with the DNR to host a Stream Team and Worldwide Monitoring Day events, and Puerto Rico has a program called Partnership for Pure Water. Check out their websites for more information.

That was all in the morning; the afternoon session was a bit less interactive and included a preview of the new and improved MA Resource Center on WEF’s website. The search engine does work now, and the forms for submitting awards are much easier to find. An update of the new Data Management System was given by Lori Jordan, Director Member Services. They are currently working on cleaning up all of the old information and reformatting addresses to comply with the USPS requirements. IWEA was one of the MA’s selected to help WEF improve the membership database and Fred Wu, our Membership chair, participated in the design phase of a new WEF Data Management software system.

The last item of business for the Leadership Day Workshop was “Membership – Mentoring and much more.” WEF believes that now is a great time to grow our membership by offering security, services, networking and professional development opportunities to individuals and companies. A MA mentoring program was discussed; it would basically pair a larger MA with a smaller MA to help them. I did not sign up for this program, but I did make some great contacts. Amongst others, I made friends with the Executive Director of the North Carolina AWWA-WEA, Lindsay Roberts and California’s MA (CSWA) Director - Education & Training, Julie Taylor, who both offered to help mentor us whenever we need assistance or advice. I will definitely be taking them up on their offers!

Contact me anytime with comments or questions at awithers@cmtengr.com or (217) 572-1114.
The 2010-11 nominees for the Executive Board and WEF Delegates have been selected. Dan Bounds, nominee for Second Vice-President and John Lamb, nominee for WEF Delegate, were presented to the Board at the September meeting and were unanimously approved. The election of the nominees by the Association will take place at the Annual Meeting in March.

FOR THE OFFICE OF PRESIDENT, DENNIS PRIEWE

Dennis is the Industrial Waste Surveillance Supervisor for the Rock River Water Reclamation District, a position he has held for over 20 years. He has also served on the District’s Safety Committee during this time and has been chairman of the committee for the last nine years. He has a B.S. in Biology from Western Illinois University. Dennis has been a member of IWEA and WEF since 1990. He also maintains membership in the National Safety Council, The Federation of Environmental Technologists, the Rockford Branch of AESF, and is a member of the Winnebago County LEPC. He has participated on the IAWA Pretreatment Subcommittee. Dennis was the IWEA Treasurer from 2002 to 2007. He has served on the Awards, Industrial Pretreatment and Local Arrangements Committees. He became a member of the I5S Society in 2005.

FOR THE OFFICE OF PRESIDENT-ELECT, MARK HALM

Mark is a Vice President and Principal with Walter E. Deuchler Associates, Inc. of Aurora, Illinois. He holds a B.S. and a M.S. in Civil & Environmental Engineering from Marquette University and also has a M.B.A. Since completing his M.S. degree in 1992, he has worked as a wastewater treatment plant design engineer, and is a licensed PE in Illinois, Iowa and Pennsylvania. Mark has served as the Chair of Young Professionals Committee, on the Program Committee for the past six years, and on the Public Education & Student Affairs Committee. He has been a WEF and IWEA member since 1992 and was recently inducted as a member of the I5S Society.

FOR THE OFFICE OF FIRST VICE-PRESIDENT, KRISHNA R. PAGILLA, PHD., P.E., PROFESSOR

Dr. Pagilla is a registered professional engineer and a Professor at the Illinois Institute of Technology. He holds a Ph.D. in Civil/Environmental Engineering from the University of California, Berkeley and is a member of Engineers without Borders, Haiti Outreach. His expertise is in wastewater treatment, sludge treatment and reuse, environmental engineering and science research. Dr. Pagilla holds leadership positions in the Water Environment Federation, International Water Association and Association of Environmental Engineering and Science Professors. He has been active in IWEA with WEFTEACH at WEFTEC, Chair of Local Issues for WEFTEC 2008, Student Activities Associated with Engineers without Borders, Haiti Outreach and numerous Operator Training and Technical Seminars at IWEA Annual Conferences and Workshops.

FOR THE OFFICE OF SECOND VICE-PRESIDENT, DAN BOUNDS

Dan Bounds is a Principal Engineer for CDM in Chicago, and has managed or led the development and implementation of numerous water quality programs and projects throughout the US. He has a B.S. in Civil Engineering from the University of Illinois, an M.B.A. from Eastern Illinois University, and is a licensed Professional Engineer in Illinois and California. Dan spent the first several years of his career as an Engineer with the Illinois Environmental Protection Agency in the Champaign Regional Office, and is now one of CDM’s national Water Resources Division group leaders. Dan is currently the Chair of IWEA’s Watershed Management Committee and has previously served as Chair of IWEA’s Marketing Committee. He is also a member of the Water Environment Federation’s Watershed Management Committee, and a Diplomate Water Resources Engineer with the American Academy of Water Resources Engineers.

FOR THE OFFICE OF WEF DELEGATE 2012, JOHN LAMB

John Lamb is the Environmental Services Manager for the City of St. Charles where he has been employed since 1998. He oversees operation of the wastewater, water supply and laboratory operations at the City. John has been a member of IWEA and WEF since 1991 and has worked in the wastewater field for 32 years. He served as IWEA President from 2007-2008, chaired the Laboratory Committee, participates on the Awards, Biosolids and Conference Committees, and is a member of the ISS Society. He received the WEF Arthur Sidney Bedell Award in 2009 and the IWEA Presidential Service Award in 2006.
WEF Incoming WEF President Paul Freedman addresses the assembly

WEF Keynote Speaker Dr. Mike Magee

WEF Registration Lines on Monday morning

Grand entry hall at the Orlando Convention Center, with registration line

Exhibit Hall (no endorsements expressed or implied)

WEF President Rebecca West addresses the Opening Session of WEFTEC.09

Bill Orne (left) receives the HOD Speaker's Gavel from Tom Helgeson

Photos by Ted Denning, Delegate ‘10
Winter seems to be setting in early this year, which may mean more snow and ice to contend with this season. Some deicing practices, principally salting, can have a negative effect on water quality. Road and driveway salting can contribute significantly to elevated chloride levels in Illinois surface waters, having adverse effects on the health of our local watersheds. Several Illinois water bodies are listed as impaired due to excessive levels of chloride, and Total Maximum Daily Loads (TMDLs) have been developed as a result. As concentrations of chloride rise, chronic health conditions begin for aquatic vegetation and certain fish and invertebrate species. With high enough concentrations of chloride, acute toxicity begins. The State’s water quality standard for chloride is 500 mg/L, approximately only a tablespoon in five gallons of water, can cause impairments. How much salt did you put on your driveway last year? How many tons did your municipality need to use to maintain safe roadway conditions in your watershed? Once chloride enters streams and lakes, it does not biodegrade or settle out.

Alternative, lower chloride deicing methods and products are being tested throughout Illinois to help address the need for safe winter travel while maintaining or improving the health of our watersheds. Pre-wetting road salt with brine or other performance enhancing liquids reduces roadside “bounce off” and increases the effectiveness of applied salt, resulting in reductions in salt usage in the 30% range. Applying liquid deicers regularly or just ahead of winter storms is a practice commonly called anti-icing, and has shown even greater reductions.

A host of new products, including plant by-products such as beet juice have shown promise as effective pre-wetting / anti-icing alternatives. As promising as they are, revisiting the basics of detailed salt use tracking (benchmarking), staff retraining, and equipment calibration has also shown significant salt use reductions with no upfront capital expenditure.

The “more salt is better” mindset is changing as salt prices have skyrocketed in recent years. More salt than necessary for melting during each storm is just more salt poured directly into the watershed, at a cost. Approaching winter de-icing with a water quality mindset and with better management practices may save municipalities money in the short to long term through reduced annual salt purchases and less corrosion on transportation infrastructure. At home, the shovel is a great non-chloride, cost effective alternative.

The DuPage River Salt Creek Workgroup is responding to TMDLs calling for significant reductions in chloride loadings within its local watersheds. The Workgroup has performed an in-depth study to characterize salt usage and has developed a program aimed at education and reduction. The Workgroup is assisting local municipalities to explore alternatives to conventional practices for winter deicing through public works meetings and educational workshops aimed at explaining the environmental and economic benefits that can be realized with no reduction in the level of winter safety. Workgroup findings indicate that the quantity of winter salt use by private businesses can collectively rival that of small municipalities. In response, the Workgroup recently led a groundbreaking training and certification workshop for facility managers and private snow removal companies to promote best management practices for winter parking lot and sidewalk deicing. Workshops on other similar deicing program topics have been held by other organizations throughout the state.

The Workgroup has developed several fact sheets highlighting chloride concerns and salting alternatives available, as well as a very informative list of alternative low-chloride deicing products. The information is available at http://drscw.org/ChlorideReduction.htm, and includes a fact sheet for what each of us can do at home to reduce chloride impacts to Illinois waters this season.

If you are interested in watershed management topics and would like to join IWEA’s Watershed Management Committee, please contact Watershed Management Committee Chair Dan Bounds at BoundsDG@cdm.com or (312) 346-5000. The Committee is actively planning activities for next year’s 2010 IWEA Watershed Management Symposium.

From the SHED … Promoting the Understanding of Nonpoint Source Issues, Including Storm Water and Watershed Management

By Dan Bounds, Watershed Management Committee Chair

Get Out the Snow Shovel (Leave the Salt in the Shaker)
This quarter, *Electricity and Water Do Mix* presents the second in a two part series of highlights from the EPEC Committee’s recent “Update on Equipment Energy Efficiencies” presentation at the IWEA Plant Operations Seminar.

At a wastewater treatment facility, one of the largest expenditures is energy usage. Two users of electricity are transformers and motors, both of which have been the subject of recently enacted federal guidelines to improve their energy efficiency. The previous newsletter discussed the changes in standards for the energy efficiency of transformers. This article will discuss energy efficiency in motors.

In 2007, the National Electrical Manufacturers Association (NEMA) released a new version of the standard MG-1 for motors and generators. Among the changes within this standard, the new MG-1:

- Established the new category “NEMA Premium Efficiency” for the higher efficiency motors
- Focused on motors of 1 to 500 HP at commonly used speeds (1200, 1800, 3600 rpm) with commonly used enclosure types (open drip proof, totally enclosed fan-cooled)

As a result of this new standard, NEMA Premium Efficiency Motors have an improved operating efficiency of approximately 1-1.5 percent, and increased motor cost of approximately 10-15 percent.

The table below compares the energy cost savings of some select motors between the new and old standards (table is based on an 1800 rpm, total enclosed fan-cooled type motor, operating annually for 8000 hours at 75% load with an electricity cost of $0.10/kWh).

So what can you do? Update project specifications to ensure that newly supplied equipment meets these standards. Survey motors within your plant and develop an action plan for replacing motors. Focus on motors with annual operation of greater than 2000 hours and horsepower greater than 25 HP. And finally, search and evaluate state and utility rebate programs (see below).


<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Full-Load Motor Efficiency (%)</th>
<th>Annual Savings from Use of a NEMA Premium Motor</th>
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<tr>
<td></td>
<td>Energy-Efficient Motor</td>
<td>NEMA Premium Efficiency Motor</td>
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<tr>
<td>10</td>
<td>89.5</td>
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<td>93.6</td>
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3rd Annual YP Golf 101
Presented jointly by IWEA and CSWEA YP Committees

For more information about IWEA’s Young Professionals group or the Annual YP Golf 101 event, please contact YP Chair Sajana Chitrakar at (312) 373-6830 or sajana.chitrakar@aecom.com.

Photos by Sajana Chitrakar, YP Chair
Welcome New Members

July
Elena Zhang
Brian Kramer
Kuldip Kumar
Donald Lorenz
Brian McIlhenny
Paul Quinn
Allison Ramsey
Wayne Rydecki
Rufus Fisher

August
Brad Baird
Dana Downing
Malcolm Ezekiel
Jon Kaufman
John Nejman
Michael Neubeck
Frank Nocifora
Christine A. Staples

September
Scott David Banjavic
Joel DeWall
Valerie Benning

October
Perry A. White

Web Site Upgrades
By Mary Johnson, Web Site Chair

Make sure to check out the IWEA website, www.iweasite.org. We have improved the website with a new look and enhanced navigation.

New features include:
• A home page that lists the latest news and events
• Easy navigation using the website search function or the website map
• Answers to frequently asked questions, such as how to join the IWEA and how to register for conferences
• A separate and unique page for each committee
• A separate and unique page for each annually sponsored event
• A governance page that includes copies of policies and procedures, and all approved meeting minutes
• A link to IWEA’s logo merchandise store
• A link that allows browsers to join our email list

IWEA welcomes suggestions for other website improvements. They can be emailed to info@iweasite.org.

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The first quarter of the IWEA fiscal year runs from July 1 through September 30. IWEA typically is not very busy at this time of the year. IWEA had a total income of $10,201.24 and expenses of $14,524.81. This gives IWEA a net loss of $4323.57 for the quarter.

Arrangements are being made to have a formal audit done of the 2008-2009 fiscal year. The final audit report will be submitted to the Executive Board for review prior to the annual meeting.

Moving into the second quarter, IWEA will need to file the required IRS Form 990. This is filed annually under the Federal IRS statutes as a 501(c)(3) organization.

Financial Statement at the end of the First quarter is:

<table>
<thead>
<tr>
<th>Bank Accounts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Bank</td>
<td>$88,784.42</td>
</tr>
<tr>
<td>Science Fair Fund</td>
<td>$ 3,202.29</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Asset Accounts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Month Reserve CD</td>
<td>$11,882.10</td>
</tr>
<tr>
<td>24 Month Reserve CD</td>
<td>$12,012.78</td>
</tr>
<tr>
<td>Total</td>
<td>$115,881.59</td>
</tr>
</tbody>
</table>

The By-Laws change will be sent in mid-January to all members. The IWEA Executive Board is proposing the hiring of a part-time "Executive Manager" to handle the duties of Secretary, to act as the liaison between IWEA and WEF, and "other duties, as assigned by the Board."