Aerial view of Elmwood Wastewater Treatment Plant

51st Annual W.W.O.A. Conference
October 17-20, 2017
Madison Marriott West, Middleton
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The Clarifier is the publication of the Wisconsin Wastewater Operators’ Association and is intended to inform and educate the membership on issues related to the treatment and control of wastewater. The Clarifier is produced five (5) times each year: February, April, June, September, and December. All members are encouraged to contribute to the mission of the Clarifier.

The Wisconsin Wastewater Operators’ Association is a non-profit organization dedicated to educating, informing, and advancing the wastewater profession. WWOA has approximately 2,000 members divided throughout six regions: Southeast, Southern, Lake Michigan, North Central, Northwest, and West Central.
President’s Message: We are resource managers

The calendar tells us spring has officially arrived and the ski resorts across Wisconsin confirm this as they sadly close for the season. The snow has melted in much of Wisconsin and the winter/spring rains are delivering higher than average flows to most resource recovery facilities. Most of us accept the temperature changes, increased flows, and changes in treatment conditions and make the necessary treatment adjustments without much thought. As I stated previously, the Wisconsin resource recovery specialists are skilled and equipped to handle almost any adversity Mother Nature or the political climate and regulations hand us.

WWOA Vice President, Jeff Simpson, called the Technical Committee to order on February 10 in Middleton, Wisconsin. Juice led us through the many high quality abstracts submitted and together the committee selected two pre-conference workshops and 38 technical presentations. The workshops will address laboratory requirements and the elements for a successful safety program. Back on the Technical Program for the third consecutive year is a discussion on “Tricks of the Trade.” The presentation committee is soliciting tricks and tips from members. Members are invited to submit their tricks and tips to be included in the presentation to Troy Larson at troy.larson@strand.com. The Tricks of the Trade committee will assist contributors in presenting a series of short stories illustrating lessons learned. Assistance for contributors will vary as necessary to promote the sharing of ideas and may include presenting on their behalf.

In addition to the 38 technical sessions, a new special session devoted to septage and land application regulations will be held on Thursday afternoon. The WWOA Technical Committee wants to send a special thank you to all those who took the time to submit an abstract to present at the annual conference. We received many more abstracts than we could use. If your paper was not selected, please resubmit the abstract next year. The topics were all good and interesting; we simply could not fit them all into this year’s program.

2017 marks the 45th birthday of the Clean Water Act (CWA). The CWA is one of the most successful environmental statues in the history of United States and set the standards for secondary wastewater treatment. The CWA led to a significant reduction in point source pollution and provided direction toward critical investments in our nation’s infrastructure. Now 45 years later, our wastewater treatment plants discharge cleaner water than ever before and we are now faced with new water quality challenges that reach outside our fences to the watershed. We are no longer just treaters of a waste; we are resource managers recovering and redistributing vital resources from waste streams.

As I have mentioned in my previous two messages, I strongly believe public education is a primary component to improving our final treated products, reducing maintenance costs, and gaining the trust and respect for our work so that the public ultimately understands and appreciates the true value of water. Reaching out to our communities so they truly understand the value of clean water and the innovative technological advances our industry has made is perhaps more critical now than ever before. To help increase respect and appreciation from the public, it is important that our name adequately describes what we do. The Water Environment Federation recognized the changing paradigm in the water sector and officially started using the term, water resource recovery facility (WRRF) in place of wastewater treatment plant in 2012. A name is not just words; a name describes an organization and helps motivate people.

The Wisconsin Wastewater Operators Association has evolved and grown over the last 50 years. I believe it is time we recognize our advancements and the paradigm shift from treating waste to recovering resources from a waste. I propose the WWOA adopts a new name which reflects this paradigm shift, perhaps Wisconsin Resource Recovery Specialists. I invite all the WWOA members to contact me or another Board member with your thoughts on adopting a new name for our organization. What better way to distinguish our industry for the next 50 years!

WATER is our resource to protect, renew, and share! ☕️
Village of Elmwood Wastewater Treatment Plant

Elmwood is a beautiful rural community located along Pierce County’s northeastern border, with close proximity to I-94 and Menomonie, Elmwood offers the best of both rural living along with easy access to larger metropolitan areas.

The Village of Elmwood was incorporated in 1905 and the Village began treating wastewater discharges at the current location in 1938 with a pump station, primary clarifier, trickling filter, secondary clarifier, anaerobic digester and sludge drying beds. In 1962, a larger trickling filter and a 2nd anaerobic digester were added to the existing plant. A rotating biological contactor (RBC) replaced the trickling filter in 1982, and additions of raw wastewater screening, effluent chlorine disinfection, and improvements to the digesters were also completed. The larger trickling filter

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basin was remodeled to form an influent flow equalization basin in 1988 and UV disinfection and sulfuric acid feed system for ammonia nitrogen limits were installed. Since then the Village stores the sludge and land-applies it in the spring and fall.

In 2012, the Village contacted Foth to consider planning for upgrades to the aging existing facility, many of the existing structures were beginning to fail due to age. Some structures were from the original facility constructed in 1938 and other unit process and equipment had exceeded the design life of 20 years. The facility plan completed in 2013, and approved by the Wisconsin Department of Natural Resources in July of 2013. During the planning process, different funding sources were evaluated to determine how to best pay for the facilities upgrades. It was determined that the US Department of Agriculture-Rural Development had the best program for the Village of Elmwood. The Village would receive a grant along with a low interest loan to pay for the design and construction of a new facility at the current site.

The Village elected to construct a new sequencing batch reactor system (SBR), along with a new process headworks building, replace the UV system, upgrade the anaerobic digesters, convert the flow equalization basin to sludge storage, and add a new lab/garage building to the existing site.

The existing system had to remain in operation during the construction of the new facilities. The design was completed in early 2014, after some delays with the property boundaries resolved. The project was bid in May of 2014 and awarded in July of 2014 to Staab Construction Corporation of Marshfield, WI, in addition to several local sub-contractors. Work began in August of 2014 and was completed in May of 2016.
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NEW FACILITIES
The new headworks building was constructed to the west of the existing system to remove rags and large solids. A duplex pump station with provisions for a 3rd bypass pump lifts wastewater into the Sequencing Batch Reactor (SBR) where secondary treatment of the wastewater occurs. The SBR system incorporates two (2) independent basins that treat and then settle the solids by sequencing different phases that cycle variations equipment on and off. The treated water is then removed from just below the surface after solids are settled. The effluent then flows by gravity through an ultraviolet radiation disinfection system prior to discharging system in the Eau Galle River. Excess solids are wasted through automatic valves and piping into the aerobic digesters for further treatment. Those solids are then pumped to the sludge storage basin until ready for land application.

A new garage and lab building were constructed on the east side of the plant site. A new Supervisory Control and Data Acquisition (SCADA) system was installed so operators can monitor and make changes to the various treatment
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processes. Elmwood has to remove ammonia nitrogen and total phosphorus. The ammonia nitrogen is treated biologically through the SBR, however to meet the required effluent phosphorus limits, the Village must add a chemical Aluminum Sulfate (Alum) to precipitate phosphorus that will settle in the sludge and be wasted out with the other biological solids or sludge.

The total cost of the project was approximately $4,935,000 including facility planning and land purchase. The grant/loan split was approximately $1,742,000 grant and $3,170,000 of low interest loan at 2.75% interest. With the funds the Village was able to replace half of the water service meters as well as purchase a new mobile generator.

The current operators with the Village are: Jamie Reitz-Public Works Director and has been with the Village of Elmwood for 24 years. Josh Kern-Operator and has been with the Village for 16 years.

The staff from left to right are: Amy Wayne, Clerk/Treasurer; Josh Kern, Operator; and Jamie Reitz, Director of Public Works

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- Must be completed by December 31, 2018 to receive the bonus

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- Must be submitted by December 31, 2017
- On the application indicate you are a water or wastewater facility (no additional paperwork needed)

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Seymour hosts February Lake Michigan District meeting

The February 16th Lake Michigan District meeting in Seymour was another successful meeting with approximately 85 operators and septage haulers, along with many equipment and process vendors. A special thanks to Vacuum, Pump, & Compressor for sponsoring the treats during the breaks. Judith Schuette, City of Seymour Mayor, welcomed everyone and gave an overview of the City.

Following the welcome by Judith Schuette, Dale Braun and Dave Watermolen spoke on Designs, Types, Testing and Troubleshooting of Submersible Pumps. Dale and Dave explained some of the recommended steps to take for troubleshooting submersible pump problems. Dale and Dave showed a cross section and pointed out the major features of submersible pumps. Following the features discussion, Dale and Dave discussed the different types of submersible pumps and the associated applications for the different types. Following the presentation, many operators asked questions relating to problems they personally had with submersible pumps and asked for Dale's and Dave's opinion on how to deal with the same issues in the future.

Next on the agenda was Michael Sobotik of Synergy Sales and Service. Michael had a presentation titled Cellular SCADA for Lift Stations. Michael first discussed the history of SCADA system and how the technology improved over the years. Michael described how a SCADA system works and provided examples of the different data that can be monitored and gathered. Michael then went on to explain the different types of SCADA systems and the differences between the systems. In addition, Michael covered the pros and cons of the different SCADA systems. Michael provided lists of information on how cellular SCADA differs between providers. Next, Michael explained the different ways alarms can be transmitted to the operators. Michael ended his presentation by discussing some previous projects, and how cellular SCADA systems can be cost-effective and used in a variety of applications.

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Aaron Eichhorst called the WWOA-LMD business meeting to order. Last quarter’s minutes and treasurer’s report were approved. Aaron Eichhorst presented Dustin Jerabek with a plaque and thanked him for his two years of service to the Lake Michigan District. Dick Sachs of the WDNR was unable to make the meeting. However, Dick provided his DNR update to Aaron Eichhorst, who presented it for him. First off for the DNR update was that the applications for the May 3rd operator certification exams are now available. If you did not get one in the mail, they can be downloaded from the DNR website or contact Dick Sachs to have an application sent to you. The application deadline is April 5th. The second item was that the EPA recently approved the Phosphorus Multi-Discharger Variance, which is also referred to as the Statewide Phosphorus Variance. This variance provides an additional option for permittees to consider for meeting phosphorus limits, which can be at very low levels. Following the DNR update, Jeff Smudde gave the WWOA Board of Director update. Jeff stated people are encouraged to start thinking about and submitting 2017 award nominations. If interested in being part of a team for the 2017 Operator Competition, contact Jenny Pagel. Lastly, Jeff notified everyone present that Rick Mealy will be taking over on the state board for organizing the operator competition. The last presentation of the day was by Joan Hawley of Superior Engineering. Joan’s presentation was titled CMOM – What Next. Joan gave an overview of what everyone’s CMOM’s contained. Joan explained the importance of documentation to justify rates, causes of failure, and to prevent loss of information when people retire. Next, Joan discussed sewer inspection strategies. In addition, Joan explained the history of sewer inspection and how it has improved over the years. Joan went on to list the benefits of conducting manhole inspections and how to repair the issues found. Joan provided the frequencies for inspecting and cleaning lift station wet wells. The presentation was wrapped up with Joan discussing cured-in-place pipe. Robert Piso, plant operator for the City of Seymour, gave an introduction of the WWTP history, flows, loadings, current industrial discharge impacts, major processes, and components. A plant tour followed the plant introduction. The next meeting will be in Kelly Lake on May 18, 2017. Special thanks to City of Seymour for hosting this meeting. Submitted by Josh Steffeck, Lake Michigan District Secretary/Treasurer
The WWOA Southeast District Regional Meeting on February 2nd, was hosted by the South Milwaukee Wastewater Facility and held at the Knights of Columbus Hall in South Milwaukee. A warm welcome was given by Erik Brooks, The Mayor of South Milwaukee is very proud of the Oak Creek Watershed Restoration Project and the city’s partnership with MMSD. Oak Creek is the Heart of South Milwaukee.

Following the introduction to February meeting, Southeast District Chair, Ben Huffman began the meeting. Our first speaker of the day was Matt Crousillac from Mission Communications spoke about SCADA Systems in behalf of Mike Sobotik from Synergy Systems. Notes of interest were the types of SCADA systems, how often they should be upgraded and how passwords play an important role in protecting security. Ben then introduced Dana Hicks of ENZ to speak on Sewer Nozzle Applications. Dana provided a very detailed presentation on the role of and different types of nozzles that are attached to the end of the hoses on vac trucks. The continued on page 16

Dana Hicks
type of nozzle for the application is often overlooked and ranks right up there as the most important component of the cleaning job.

After a break sponsored by Mulcahy Shaw, Ben introduced the third speaker of the morning, Chris Hohol with SESCO to speak on Traffic Safety. Chris directed the attendees on how to approach making a traffic work zone safe. Keeping and referencing a Manual on Uniform Traffic Control Devises in your vehicle is a good way to start and an easy manual to become familiar with.

Following Chris’ presentation a talk on Critical Infrastructure: Replacing Lead Service Lines in Madison was given by Amy Barrilleaux of Madison Met.

Just before lunch, Ben called to order for the Business Meeting. The 2017 regional officers were all introduced. There were motions and approvals to adopt the minutes from the August meeting and the current agenda. The treasury report was given by Paul Gagas. There was a motion and approval of the Treasurer’s report. Andrew Bakalarski was recognized for hosting the South Milwaukee Meeting. The 2016 Operator of the Year, Kerry Kloss was also recognized for his distinguished career in wastewater. Future meetings at Waukesha, and the Annual Conference in Middleton were mentioned by WWOA President Sharon Thieszen along with information about the WWOA website. She also also encouraged us to nominate operators of the year from your district, join the operator’s competition at the annual conference, nominate an operator for the newcomer of the year award. See the WWOA website for these items. After, there was a motion and second to adjourn the business meeting.

The DNR update was given by Amy Garbe who disseminated information regarding Bryan Hartsook, the new but temporary DNR contact. She also shared information on land application forms, and the new energy section on 2016 CMARs.

Ben brought attention to our next speaker, Mark Peck with Trojan Technologies to speak to us about UV Disinfection Technologies. Following Mark was Russel Davis on Low Pressure Membrane Experience in Potable Water and Wastewater Treatment.

An invitation to tour either the South Milwaukee Water Treatment Facility or the South Milwaukee Wastewater Treatment Plant was extended by Ben Huffman of SMWWTF. We were encouraged to visit the UV building at the treatment plant.

Submitted by Nate Tillis
The WWOA Board of Directors is an ever changing structure and I would like to take this opportunity to get the word out and get you to start thinking about joining the state Board of Directors or encouraging someone you know to explore the future in becoming a Director. Sadly I will be finalizing my term on the Board of Directors and joining the ranks as a “has been” at the conclusion of the Annual Conference in October.

The old saying goes that time flies when you are having fun couldn’t hold more truth to my experience with the Board. I can confidently say that if you ask any past or current board member, they will agree! Honestly, I’m wondering why I can’t just stay on the board?! One of my only regrets is not getting myself on the Board earlier, but then again I don’t know if I would have wanted it any other way. I followed the ranks of some of the best friends that one could make and learn from! I look also to the greats that follow.

There are so many excellent ideas and conversations that are held to lead this organization into the next 50 years. Many would think the Board of Directors experience is just about holding a position and maybe even a political clout, but there is nothing further from the truth. It is team effort and how one grows as an individual that highlights my experience. I encourage you to take a look at the list of current Board members listed in this Clarifier. Do you know any one of them? They are some of the most respected individuals I know in our Resource Recovery industry! If you don’t know them, I strongly encourage you to at some time in the upcoming year to introduce yourself and say hi. I have no doubts that they hold even more interest in your experiences, ideas, or background than you would ever believe!

I look back at the list of Board members when I became involved and really wondered how I would ever fit in with such an elite group. It surely did not take much time at all to realize that I was welcomed and that the group wanted me to be there. And fun? Well, there was never a doubt that all the members through the extent of my terms would be fun, and I can see that is not going away either with the newest of Directors!

My real question to any of you is not if you’re interested in becoming a Director for WWOA, but why wouldn’t you want to become a Director?? The future of the organization

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is dependent on you as members to step in and continue the team efforts of the Directors. I strongly encourage you to explore the nomination of yourself or someone you know to further build the organization. Nomination papers can be found on the website. It would be appreciated if the nomination papers are submitted to me by the beginning of August. Nomination from the floor is always an option, but why wait? If there are any questions at all, feel free to contact any current Board member. I'm sure the interest is out there, so take some time to think about if you could become involved in the organization!

Sincerely,
Lyle Lutz
2017 WWOA Past President

The Medford wastewater treatment plant has had a long-time commitment to excellence. Tim Pernsteiner (l. to r.) joined superintendent Ben Brooks and city coordinator John Pales in receiving the Wisconsin Wastewater Operators Association (WWOA) “Operator of the Year” award.

City utility continues tradition of excellence

BY BRIAN WILSON
NEWS EDITOR

When it comes to city services success is measured by if clean water comes out when a faucet is turned on and waste goes away when toilets are flushed.

As with most things, making sure that happens every hour of every day is a bit more complicated. This is especially true when it comes to handling waste.

Medford has a population of about 4,500 people, but with the schools, industry and shopping, the service population of the city is closer to 8-10,000 people every day. According to the Environmental Protection Agency, each person on average either directly or indirectly generates about 100 gallons of wastewater each day. These gallons add up and it is the job of the operators at the Medford Wastewater Treatment Facility on Whalen St. to treat it, remove the solids and release the treated water back into the Black River.

Keeping the plant running smoothly and within state and federal parameters takes hard work and dedication. The city of Medford takes this work seriously and it shows with the plant and its operators being recognized as some of the best in the state.

Tim Pernsteiner recently joined the ranks of current and former plant operators in receiving the Wisconsin Wastewater Operators Association (WWOA) “Operator of the Year” award for 2016.

According to Ben Brooks, superintendent of the Medford Wastewater Treatment facility, in order to receive the award, an operator must be nominated and then the WWOA board decides who to recognize.

Pernsteiner is the third operator at the Medford plant to receive the recognition. Brooks and city coordinator John Fales are past recipients. This shows a decades-long ongoing commitment to professional wastewater treatment plant operations.

For Pernsteiner, the commitment to ensuring the water coming out of the plant is as clean as possible is a very personal one.

“I like to know that the valley people fish out of the river are good to eat,” he said. Pernsteiner is himself a fisherman who enjoys fishing in the Black River in Medford.

“The number of species of fish found in the river is amazing.” Brooks said. He explained that the plant is currently in the process of virtually eliminating all phosphorus in the discharge, the plant is already well below the level allowed under its operating permits. As part of the process, the Department of Natural Resources did a fish count study to determine the health of the river and found numerous species including ones such as trout that are indicative of a healthy river ecosystem.

Brooks praised the work done by Pernsteiner and other members of the wastewater treatment facility for their efforts.

In case you ever wondered if the work you do gets noticed, enjoy the following article that appeared in the February issue of the Medford Star News.

The article is about one of our own, Tim Pernsteiner, receiving his Operator of the Year award from WWOA.

Congratulations to Tim and all operators for a job well done.

Larry Reinke (left) of the WWOA was in Medford on Monday to present operator Tim Pernsteiner with the traveling plaque for the Wisconsin Wastewater Operator of the Year. He was joined by plant superintendent Ben Brooks and mayor Mike Wellner.
WWOA Board of Directors Meeting April 2016 LaCrosse

Wisconsin Wastewater Operators' Association BOD Meeting – Radisson Hotel, La Crosse, WI April 21 - April 22, 2016

1. CALL TO ORDER, ROLL CALL: President, L. Lutz called the meeting to order at 10: 14 am on Thursday, April 21, 2016. Roll call was taken. All present with the exceptions of both K. August and S. Thieszen (late arrivals) and J. Johnson was not in attendance until Friday, April 22nd.

2. AGENDA CHANGES AND ADDITIONS AND CORRESPONDENCE:
Additions to the agenda were included (Storage Unit break in, BOD Shirts, New Pins, Milwaukee Workforce, DNR/State Fair). Motion to except the agenda as is made by J. Bratz, Second by K. Zimmer. Motion carried.

3. APPROVAL OF MINUTES: Motion to except minutes from the December 10/11, 2015 meeting made by J. Bratz, Second by J. Smudde. Motion carried

4. FINANCIALS: Financials for January – March, 2016 were reviewed. Motion to except financials as is made by K. Zimmer, Second by K. Zimmer.

5. La Crosse Center Staff Meeting (2:00 pm Thursday): Met with staff of the Radisson and La Crosse center to pick the main meals for the Meet and Greet, Walk Around Lunch, Operators’ Business Lunch and the Banquet. We also did a complete walk through the conference setting.

6. COMMITTEE REPORTS

a. Nominations: K. Zimmer reported that she had received nomination papers for Vice President from Jeff Simpson and for Director position from Rick Mealy. She also reminded D. Lintner and J. Johnson to re-submit their nomination paperwork (if they were planning on running again). Assuming J. Simpson moves into the VP position, continued on page 22
Annual conference awards – complete nomination papers now!

It is time to start filling out the nomination papers for the Annual Conference Awards. There are many people in our industry that are deserving of these awards. We are looking for nominees for the following awards:

1) George F. Bernauer Award: Criteria include successful plant performance, and/or successful solution of important or complicated operational problems, and/or outstanding contributions in the field of wastewater technology in the State of Wisconsin. The nominee may be a municipal, industrial, or institutional operator, administrator, or educator in Wisconsin. It is not limited to WWOA members.

2) Koby Crabtree Award: Presented to a WWOA member for excellence in technical support provided to others in the field of wastewater treatment. The individual should be a recognized authority in wastewater, share knowledge through presentation, contribute to problem solving, and provide service regardless of compensation.

3) Service Award: Presented to a person who has made an outstanding contribution to the WWOA in the areas of promotion, operation, management, program participation, or education. The nominee must be an active member of WWOA for a period of ten years.

4) Newcomer of the Year Award: Recognizes an operator, support staffer, or environmental technician with less than three years of experience as of August 1st of the year nominated. The nominee should demonstrate higher than average growth in their place of employment, a willingness to learn, innovation on the job, and exceptional enthusiasm for their profession. The nominator should be a supervisor, manager, peer, co-worker, or DNR personnel familiar with the day-to-day efforts of the nominee. WWOA membership is not required, and a two year membership or renewal is included in the award.

5) Regional Operator of the Year Awards: Given out to someone who has demonstrated excellent plant performance, and/or successful solution to a problem, and/or contributions to the wastewater field. It is open to Wisconsin Certified operators of municipal, industrial, or institutional wastewater treatment facilities. The nominee must be a five year member of WWOA.

The nomination form and instructions for all the awards can be found on the WWOA website or by contacting Jeff Bratz, Awards Committee Chair, at (262)206-1323 or email at wrcsd@tds.net.

Please note, the Regional Operator of the Year Award nominations should be submitted to the Regional officers listed on the nomination form by July 7, 2017. All other awards need to be submitted to Jeff Bratz by August 1, 2017 for consideration.

Feel free to contact me if you would like any further information on the awards, the nomination procedure, or if you have a question if a potential nominee meets specific award criteria. Thank you in advance for taking the time and effort to nominate individuals and allowing WWOA to recognize these deserving recipients!

Sincerely,
Jeff Bratz Award Committee Chair
Focus on Energy grant money available for municipalities

After a Successful 2016, Focus on Energy is Providing even more Options for Agriculture, Schools and Government Facilities to save Energy and Money.

Focus on Energy’s Agriculture, Schools and Government (AgSG) Program provides cash incentives to aid in the installation of energy efficient equipment. Customers eligible for this beneficial program include: agricultural producers, tribes, federal, state, county and municipal entities, water and wastewater facilities, K-12 schools, colleges and universities. In 2016 alone, this statewide program provided nearly $6.4 million in financial incentives to more than 1,150 Wisconsin agriculture, schools and government facilities. Through their participation, these facilities have saved a total of $11,121,065 on their energy bills.

The AgSG Program is determined to make 2017 a year of savings for all qualified customers. Special offerings have been created for each sector including: a Multiple Equipment Bonus for agricultural customers, a Water and Wastewater Bonus and Wastewater Bridge Initiative for water and wastewater facilities, and a Comprehensive Lighting Initiative for all eligible AgSG businesses.

Focus on Energy is continuing to offer a Delivering Energy Efficiency Together (DEET), an initiative that rewards K-12 schools for reducing their energy consumption through energy-smart choices like turning off lights in unoccupied classrooms. Currently the three school districts participating in the DEET initiative have earned $36,896 in incentives during their first year in the program. These districts are loving the significant savings they are seeing just by making small, everyday changes.

“For over 14 years, our staff has been conserving energy, so it’s great our buildings can now receive an incentive to do even better. Participating in the DEET initiative has been a good fit for all our school facilities,” said Kermit King, Energy Manager for the La Crosse School District.

These unique opportunities, plus custom incentive rates of $0.03/kWh, $100/peak kW, and $0.60/Therm equal a continuum of savings that customers of qualifying electric and natural gas providers will not want to miss. In addition to these exclusive offerings, the AgSG Program provides expert Energy Advisors located throughout the state to help guide customers through potential energy saving projects and assist them in receiving the proper incentives.

To learn more about Focus on Energy offering details and to find an Energy Advisor near you, visit focusonenergy.com/AgSG or call 888-947-7828 to speak with an AgSG representative.

About Focus on Energy
Focus on Energy is Wisconsin utilities’ statewide energy efficiency and renewable resource program funded by the state’s investor-owned energy utilities and participating municipal and electric cooperative utilities. Focus on Energy works with eligible Wisconsin residents and businesses to install cost-effective energy efficiency and renewable energy projects.

Focus on Energy information, resources and financial incentives help to implement projects that otherwise would not be completed. Its efforts help Wisconsin residents and businesses manage rising energy costs, promote in-state economic development, protect our environment and control Wisconsin’s growing demand for electricity and natural gas. For more information call 800.762.7077 or visit focusonenergy.com.
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we will have two 2-year terms available and one 1-year term for the BOD.

b. Promotional items: J. Johnson reported that he had solicited all of the regions to encourage ordering items for regional meetings. He has been working with Strategies and Triple Crown on potential T-shirt order for the conference. He is also working on 50th Anniversary Polo Shirts with the 50th Committee. J. Johnson advised that we will be going with Triple Crown for these as they can do a better job with the 50th Logo and the sleeve logo (Protection Wisconsin Waters). J. will bring sample of the different shirts to the 50th Committee meeting on May 3rd at Wade Peterson’s office.

c. Membership: K. Harter reported that membership renewal letters will be mailed out this year as the email notices are not working.

d. Scholarship: J. Johnson reported that there were tuition reimbursement requests from Mark Wittstock, Dale Passehl and Robert Butcher. He is waiting on grade reports from them.

e. Executive Meeting: L. Lutz/No Report

f. Clarifier: J. Butt/No Report (see 50th Committee)

g. Career Development: J. Johnson reported that a booth had been reserved to be shared with New Water for the Northeast Wisconsin Technical College (NWTC) Engineering Open House for February 25th. Due to scheduling conflicts, neither New Water or WWOA was in attendance.

h. Awards: S. Thiesen reported that she had received one nomination each for the Bernauer and Service awards along with the Northwestern Regional Operator of the Year.

i. Operator Training: D. Linter/J. Smudde advised that WWOA was a co-sponsor for the MWWOE for the first time this year. MWWOE was held on February 2nd and 3rd at the Kalahari Resort. Turnout was good despite the weather. They are also working with Seventhwave for an electrical conservation session planned for September in Eau Claire. Mike Raynovic, NCL, has been contacted about using his facility for a training session, Greg Paul, Op2myz, has been contacted regarding a training session on Bio-P. They also have a suggestion to contact Tone Glymph to set up a microbiology class for some time in the future. And  


k. Publicity: K. August No Report

l. Regional Coordinator: J. Simpson reported that he attended the LMD regional meeting in Clintonville and the Southern regional meeting in Beaver Dam in February. Both meetings had great attendance. He reported that a few of the presenters were promoting the products they represented rather than the “technology”, which needs to be discouraged. Need to continue to stress to the regional officers to get their meeting dates on the website and to have everyone stress the importance of membership to those non-members attending the regional meetings.

m. Government Affairs: J. Smudde reported that the financials from 2015 were reviewed and discovered that the
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Marriott charged a sales tax of 5.5% ($1000). The Marriott reimbursed them for the amount. The decided to check on competitive pricing for 2017 at the Alliant Energy Center, the Monona Terrace and the Crowne Plaza. The committee also discussed having CALS handle registrations again for 2016 but to consider the option of having Karen Harter (WWOA) handle the 2017 registrations. CSWEA is leading the 2016 GSA planning.

n. Biosolids Symposium: L. Lutz/D. Lintner No report

o. Central States Liaison: J. Smudde reported that the CSWEA-WI held its Winter Business meeting on February 24, 2016. Treasurer's reported a total balance as of February 24, 2016 of $31,162.85. CSWEA is trying to implement a steering committee that meets regularly to discuss big picture ideas, direction, markets, etc.

p. Web-Site: J. Bratz reported that WWOA made the final installment for the website upgrade of $10,800.00 was made. The new website is paid in full. There are still some minor fixes being made but that will always be an ongoing thing.

q. Technical Program: J. Bratz reported that the Technical Committee met on Thursday, February 11th at the Marriott Madison West Hotel. There were 67 outstanding papers presented for review. Working on the Conference Program that will be mailed to all members. The Abstract will once again be on-line this year (no print copy). Mr. Bratz also met with the 50th Anniversary Committee and advised that the plans were coming together.

r. Exhibitor Committee and M&CC: T. Mulcahy/C. Strackbein K. Harter advised that there are numerous exhibitor registrations already in. Goal is 141 total booths.

s. Operators Competition: J. Bratz/K. August No report

t. Local Arrangements: M. Johnson/J. Greeno – La Crosse. M. Johnson reported that the plant tour will be the La Crosse WWTP in 2016. They are also working on a possible second tour of Kwik Trip. Once they have the information on the bussing options they will get it to Karen Harter for review.

u. Golf Outing: Randy Herwig Reported that he wanted to raise the cost of the Annual Golf Outing to $65.00 this year. The gold outing will be held at the Fox Hollow Golf

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Course. He also is planning on raising the hole sponsorship from $50 to $75 to cover all costs. BOD did not see any problems with raising the cost of the golf outing to $65.00. R. Herwig with get the updated registration form to J. Bratz for the Conference Program.

v. Sporting Clays: J. Simpson Reported that they tentatively set the Fall Sporting Clays at the Sparta Road & Gun Club for Tuesday, October 11, 2016. Mr. Simpson, along with Jim Thalke, Tom Stebbins, and Bucky Walters will be visiting the club on April 26th to confirm all details and will “walk/shoot” the course. Once all is confirmed they will get the details to Karen Harter for inclusion in the Conference Program.

w. Permanent Arrangements: K. Freber presented the 2020 Conference contract for the Kalahari Resort for review and approval. After much discussion with the Kalahari, the contract had been presented that was approved by the Permanent Arrangements committee. After discussion, the BOD also approved the contract. Karen Harter will sign it and get it back to the Kalahari Resort for their signature.

x. Resolutions and Bylaws: J. Leonhard No Report

y. Historical: T. Crouse No Report

z. 50th planning (Ad-hoc): W. Peterson reported that Joe Gehin will take the lead on the Keynote, which will include a couple of other “older” members of the WWOA. Keynote will be about the 50 years of WWOA. Entertainment this year will be a band, Studebaker 7, however there will also be card playing available. The 50th Anniversary Clarifier will be around 44 pages. It will include some of the articles in the 25th Anniversary edition along with new articles. The sponsors will be on the last page. 2,000 copies will be printed. Each conference attendee will get a copy with the registration. K. Harter will get the rest. The cover of the 50th Clarifier will be the WWOA logos over the years. 50th Anniversary Polo Shirts will be reviewed and determined at the Committee’s May meeting. The color will be the WWOA blue. There will be an added TV for the

The 2020 Conference will be held on October 19 – October 23, 2020.

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50th Anniversary area so it can show a presentation of the last 50 years of the WWOA. This TV will then be raffled off at the Farewell Breakfast on Friday. This is a one-time thing. A special registration fee was determined for the Past Presidents for this year only. All past presidents will pay $55 for the full conference. K. Harter will send a letter to all of the past presidents advising them of this special fee.

A motion was made by J. Smudde and second by S. Thiesen to accept the Committee Reports as presented. Motion Carried.

7. OLD BUSINESS: there was no old business

8. NEW BUSINESS:

a. WWOA Clearing House of Information for municipality policies. This was suggested by a member. It was pointed out that there is a Tips and Ideas area on the website. If something needed to be added it could be put there.

b. Logo approval for the 50th shirts. It was decided that the logo for the 50th Anniversary Polo Shirts should be same as the 50th Conference pins.

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c. BOD organization history write-up for special anniversary edition. Consensus from the BOD is that this should be left to someone on the 50th Anniversary Committee as they have the knowledge of the WWOA history because they have been around the longest.

d. Memorandum of Understanding for the Midwest Water & Wastewater Operator Expo.

It was decided that Jeff Bratz, Don Lintner and Karen Harter should work with the current MWOE to rewrite this as they are already involved with the Expo.

e. Storage Unit Robbery. K. Harter is still working with the insurance company on the claim for the items that were stolen out of the storage unit.

f. Board of Directors Shirts. It had been decided at the December 2015 BOD meeting that there would not be new BOD shirts for the 2016 Conference, the BOD would all wear the gold shirts from 2014. However, it was brought up by K. Harter, Executive Secretary, that maybe the BOD would and should have 50th Anniversary shirts. After much discussion, it was decided that the BOD would in fact order new BOD shirts with the same logo as the 50th Anniversary Polo Shirts minus the logo on the sleeve. Same shirt style as before with a color as close to the Polo Shirts as possible. BOD shirts will also be ordered from Triple Crown.

g. New Pins for the Past-Presidents. It was determined that we need to order new pins for the past presidents as Karen Harter only has 5 left. We will have the same company that did the 50th Conference pins as they are less expensive and did a great job. Karen will order 100 pins.

h. Milwaukee Workforce Update. K. Harter updated that BOD that the first set of students had gone through the first classes and that the Milwaukee Workforce would be starting to look to place them into the workforce something this summer.

i. DNR/State Fair. K. Harter advised that Kelly O’Connor, WDNR asked if the WWOA had anything that they wanted to display in the WDNR booth this year at the Wisconsin State Fair. BOD advised no.

Adjournment Motion to adjourn made by D. Lintner, second by J. Smudde. Meeting adjourned.

August Board of Directors Meeting will be held on, August 18, 2016 and Friday, August 19, 2016 at the Radisson Hotel in La Crosse, WI.

Attention All Golfers – Operators Golf Outing
Monday, June 19, 2017     Tee-off 11AM Shotgun Start
Quit Qui Oc, 500 Quit Qui Oc Lane
Elkhart Lake, WI 53020  QuitQuiOc.com  920-876-2833

Cost: $85.00 per person includes Lunch, Dinner, 18 holes of golf with cart.
Sponsor Fee: $85.00 Required per firm, any non-municipal operator attending the event.
(This goes to door prizes and helps offset the cost of the event) Donated prizes encouraged as well.
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WWOA Board of Directors Meeting October 2016 LaCrosse

Wisconsin Wastewater Operators' Association
BOD Meeting – Radisson Hotel, La Crosse, WI
October 10, 2016

1. CALL TO ORDER, ROLL CALL: President, L. Lutz called the meeting to order at 10:25 am on Monday, October 10, 2016. Roll call was taken. All present with the exceptions of K. August and Jeff Simpson.

2. AGENDA CHANGES AND ADDITIONS AND CORRESPONDENCE:
Additions to the agenda were the meeting with the La Crosse Center (Mike Farris) to review BOE's and take a walk through the La Crosse Center at 1:30 pm on Monday, October 10, 2016 and with Radisson staff on Tuesday morning, October 11 to review BEOs. K. Harter also asked to add Insurance Policy review to the agenda.
Motion to except the agenda as is made by J. Bratz, Second by K. Zimmer. Motion carried.

3. APPROVAL OF MINUTES: Motion to except minutes from the August 18-19, 2016 meeting made by J. Bratz, Second by K. Zimmer. Motion carried

4. FINANCIALS: Financials for August - September, 2016 were reviewed. Motion to except financials as is made by K. Zimmer, Second by S. Thieszen.

5. La Crosse Center Staff Meeting (1:30 pm Monday):
Met with staff of the La Crosse center to review the BEOs. Covered last minute details on the locations and BEO requirements from the La Crosse Center with Mike Farris. We did a complete walk through to review final layout for all functions.

Radisson Hotel Staff Meeting (8:30 am Tuesday): Met with Tami Woods and her staff to review the function meals (Business Lunch, Awards Banquet and Farewell Breakfast). Also, reviewed the A/V requirements for the Farewell Breakfast meeting on Friday, October 14th.

6. COMMITTEE REPORTS

a. Nominations: K. Zimmer reported that as of Friday, September 30, 2016 she had received nomination papers for Vice President/Jeff Simpson and Director positions/Don Lintner, Jim Johnson, Rick Mealy, and Jeremy Cramer. Assuming J. Simpson moves into the VP position, there will be two 2-year terms available and two 1-year terms for the BOD. Kris August will be resigning from the Board of Directors effective prior to the Annual Business meeting on Thursday which opens-up one full year remaining term. The call for nominations will be placed from the floor and if there are any nominations received they will be added by the voters via write in on the ballots. Voting will proceed by ballot and the two candidates receiving the highest number of votes will assume the two 2-year terms and the next two highest vote getters will fill the two 1-year terms. In the event of a tie between the 1 and the 2-year term vote placements, another vote will be held to decide the placement of the term for the candidates.

b. Promotional items: J. Johnson reported that he had 52 polo shirts pre-ordered. He ordered 48 for stock in both various sizes for men and women. Cp

c. Membership: K. Harter/No Report

d. Scholarship: J. Johnson reported that there six scholarship applicants. He reviewed the ones that were eligible for the NCL scholarship with Mike Raynovic. That scholarship went to Serena Kuczmarkski, junior at UW Stevens Point.

Out of the other five applicants, three were choose for the two WWOA scholarships (Evan Garski, Simon Stevenoski) and the one Crane Scholarship (Brandi Saylor).

e. Executive Meeting: L. Lutz/No Report

f. Clarifier: J. Butt/No Report

g. Career Development: J. Johnson/No report

h. Awards: S. Thieszen reviewed all of the award nominations with the BOD. After discussion on the nominees, the individual awards were decided. 2016 Bernauer, Crabtree, Service, Newcomer, Membership (S. Thieszen will work with K. Harter to determine this award). Regional awards went to: NW-Tim Pernsteiner, NC-Dan Felckowski, SE- Kerry Gloss, SO-Jack Wendler, LM-Brent Mulholland, WC-Jared Greeno. Region of the Year went to West Central Region. There were eighteen Lifetime Members for 2016.

i. Operator Training: D. Linter/J. Smudde advised that the MWWOE was held at the Kalahari on February 2nd and

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February 3rd. Expo went well. WWOA made a profit of $8675.69 from this year’s MWWOE.


k. Publicity: K. August No Report

l. Regional Coordinator: J. Simpson handed out an updated Regional Meeting Schedule and BOD member attendance asking for updates from the BOD. He also reported that he had attended the North Central District meeting and the West Central District meeting. Both meetings were well attended. J Simpson also advised that we need to continue to stress the importance of getting meeting dates and notices to K. Harter.

m. Government Affairs: J. Smudde reported that the financials from 2015 were reviewed and discovered that the Marriott charged a sales tax of 5.5% ($1000). The Marriott reimbursed them for the amount. The decided to check on competitive pricing for 2017 at the Alliant Energy Center, the Monona Terrace and the Crowne Plaza. The committee also discussed having CALS handle registrations again for 2016 but to consider the option of having Karen Harter (WWOA) handle the 2017 registrations. CSWEA is leading the 2016 GSA planning.

n. Biosolids Symposium: L. Lutz/D. Lintner No report

o. Central States Liaison: J. Smudde reported that the CSWEA-WI held its May Business Meeting on May 19, 2016 at the Monona Terrace in Madison, WI. Upcoming events for CSWEA include WEFTEC – September 24-28 (New Orleans, LA); Operations Seminar – November 10 (Fond du Lac, WI); Watershed and Stormwater Annual Webinar (November 15).

p. Web-Site: J. Bratz reported that Vendor registration continues with most of the booths sold. He also reported that it has been quieter for the most part where the website changes are concerned.

q. Technical Program: J. Bratz reported that the Conference Program has been sent out to the members and registration has begun. There were a few minor changes with moderators being replaced to changes. Presentations are coming in slowly and a reminder has gone out to all of the presenters.

r. Exhibitor Committee and M&RC: T. Mulcahy/C. Strackbein K. Harter advised that we had met the goal of 141 booths.

s. Operators Competition: J. Bratz/K. Harter advise that they have verbal commitments for teams; Southeast, UW Stevens Point, Lake Michigan, and NWTC. Registration cost is $200 for each team (with the exception of the schools). All of the sponsors to assist with this year’s supplies have been contacted. Everyone is on board with John Bond running the competition this year.

t. Local Arrangements: M. Johnson/J. Greeno – La Crosse. K. Harter reported that all of the bus contracts have been signed and all of the tours are set to go.

u. Golf Outing: R. Herwig/No Report

v. Sporting Clays: J. Simpson Reported that they have set the Fall Sporting Clays at the Sparta Road & Gun Club for Tuesday, October 11, 2016. Mr. Simpson, along with Jim Thalke, Tom Stebbins, and Bucky Walters visiting the club on April 26th and confirmed all of the details and “walk/shoot” the course.

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If you haven’t paid your membership dues yet, **please do so ASAP!!**

If you have questions on your number, renewal date, or want to pay your renewals, contact Karen Harter at secretary@wwoa.org or 608-355-3081.

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w. Permanent Arrangements: K. Freber/No Report

x. Resolutions and Bylaws: J. Leonhard No Report

y. Historical: T. Crouse No Report

z. 50th planning (Ad-hoc): W. Peterson K. Harter reported that the 50th Anniversary Committee was planning on sponsoring breakfast items, including juices and coffee, at the Keynote speech on Wednesday, October 12th and again on Thursday morning in the North Hall. K. Zimmer reviewed the Tumbler style (original tumbler was not available) and it was decided to order black with the gold logo. She will get the tumblers ordered and delivered to Wade Peterson’s office (due the large quantity).

A motion was made by S. Thieszen and second by J. Smudde to accept the Committee Reports as presented. Motion Carried.

7. OLD BUSINESS: there was no old business

8. NEW BUSINESS:

a. 2017 BOD vacancy: L. Lutz advised that Kris August sent him his letter of resignation from the WWOA Board of Directors. His resignation officially takes place as of October 12, 2016. Discussion on how to proceed to replace Mr. August took place. Since he is officially on the BOD until the October General Meeting, it was agreed that nominations for his position, whether from the floor or from someone who sends in his/her nomination, can be put forth at the General Meeting for voting. K. Zimmer will work with K. Harter to get the word out to the WWOA members that there is another opening on the BOD and that we are taking nominations for four BOD positions for 2017.

b. Events Cancelation Insurance: K. Harter reported that the insurance company that WWOA uses has advised that the events cancelation insurance policies have changed. They are no longer part of the overall insurance policy. She presented the different options available. After some discussion, a policy was picked and she was advised to go with Hays Affinity Services for $492.50. This policy is for the Annual Conference only and must be renewed each year.

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c. TV cost (split between WWOA and M&rC) K. Harter advised that both TVs have been ordered. M&rC/WWOA will split the cost of the TV that will play the Exhibitor videos. This TV will be raffled off at the Operators Business lunch on Thursday, October 13th. Everyone that purchased a lunch will be eligible for this raffle. The 50th Anniversary Committee will pay for the second (smaller) TV that will show the 50th Anniversary PowerPoint. This TV will be raffled off at the Farewell Breakfast on Friday, October 14th.

d. Awards (new vendor): A new vendor (that supplies the awards for WEF) approached K. Harter and S. Thieszen. They would like to quote on the WWOA awards. All of these new awards are eco-friendly. After some discussion, it was decided that there was not enough time to quote and review the new awards before this year’s conference. It was also pointed out that we should stay with our current vendor as this is the 50th Anniversary and start the next 50 years with a new vendor and style. This topic was tabled until 2017. K. Harter will get all of the information for a quotation from the new vendor.

Adjournment

Motion to adjourn made by J. Bratz, second by J. Smudde. Meeting adjourned

Clarifier
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