Aerial view of Rice Lake Utilities, Rice Lake, Wisconsin

49th Annual W.W.O.A. Conference
October 6-9, 2015
Kalahari Resort, Wisconsin Dells
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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.
Presidents message: Spring has sprung – time to refresh!

My personal take on the four seasons is that summer is nice, but, it can be hot and very dry, winter is just plain cold and nothing seems to work right (hibernation time for me), fall colors are beautiful, but, my favorite time of year is spring… everything becomes ‘fresh’ and new growth appears. It’s the time of year to get back outside, crack a window or two and refresh.

At the government affairs seminar this past February, someone came up to me and said they really liked my article in the last Clarifier issue. They mentioned that they would like to see more operators write articles. I said “Well, I am an operator”, they were very surprised to hear that… and to be honest, I was surprised that they didn’t know. The Clarifier staff is always looking for information. If we as operators could take the short amount of time to share some information, even a small article stating something you did to improve some sort of treatment process or efficiency at your facility, it would be very beneficial.

Have you thought of anyone who deserves one of the many WWOA awards? I feel like a broken record here because I know I have said this many times The awards chairperson, Lyle Lutz, still has not received any nominations. I realize that we have a couple months to submit the information, but, why wait? The qualifications and forms can be easily found on our WWOA website.

What about running for the state board of directors? Being a member of this organization is great! And being a member of the state board of directors is even better! There will be at least one opening on Thursday, October 8th, 2015. Contact Kevin Freber if you are interested in taking advantage of this opportunity.

How about taking advantage of our college tuition aid or nominating someone for a scholarship? Many years in the past there is no one who submits for the tuition aid – I have to ask why? It’s available … why not? Again, this information can be found on the website and the chairperson is Don Lintner.

My last request for this article – the operators’ competition. Over the past few years, our number of teams has grown. (I personally believe this is due to the fact that Jeff Bratz coordinates a very well planed competition.) Last year I received many positive comments from team members after the competition was over. I know it will be even better this year – what are you waiting for?

On February 12, Sharon Thieszen, WWOA Vice President and Technical Chair, pulled together a talented bunch of members to help create an information-packed technical program for the conference. The tour this year will be at the Wisconsin Dells-Lake Delton Wastewater Treatment Facility. And Randy Herwig has chosen the Tuesday golf outing to be held at the Reedsburg Country Club. Keep your eyes open for more information on the conference in the upcoming months.

I will be attending several of the regional meetings throughout this year, and I look forward to see many members. The quality of the regional meetings that the regional officers put together is exceptional. They do a great job in putting their agendas together and offer excellent training opportunities for a small fee. For those members who are unable to attend the more expensive training opportunities, please remember your local meetings are a great opportunity to receive quality training for a reasonable cost.

In closing, I am very excited for what the spring season brings. I’m looking forward to getting out and getting dirty planting my gardens, and doing some morel mushroom hunting. I hope everyone had a wonderful Easter and hope you have a terrific spring season! ☺

Kelly, WWOA President
Rice Lake Utilities renews its commitment to the vitality of northwestern Wisconsin

The City of Rice Lake is situated in northwestern Wisconsin in the beautiful Red Cedar Valley. It serves as a hub for shoppers and visitors in the region year round. The area is serviced by Rice Lake Utilities, which owns and operates a 2.2 mgd wastewater treatment facility (WWTF) that treats wastewater generated within its service area in the city and discharges to the Red Cedar River.

The original plant on the site was built in 1951. The design engineer for the plant was Davy Engineering. The liquid treatment facilities consisted of primary clarification and a high rate trickling filter and final clarification for secondary treatment, with anaerobic digestion and sludge drying beds for solids treatment.

Previous Plant Upgrades

The plant was upgraded in 1981 utilizing the design engineers of Cooper Engineering, with some of the existing structures at the plant being retained and converted to different uses:

- A new headworks building was constructed at the head of the facility with a mechanical bar screen and grit classifier.
- One of the primary clarifiers was converted into an aerated grit chamber and aerated wet well, and the second primary clarifier was converted into a chlorine contact tank.
- The trickling filter was demolished.
- Aeration basins using the contact stabilization process and two new final clarifiers were constructed on the site of the old drying beds.
- The new administration building was constructed over the existing final clarifiers, which were repurposed as the foundation and lower level.
- Sludge thickening facilities were also installed in a section of the administration building.

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You guys are great. Every time I call, everybody helps me out. There was one time I needed a relief valve, and I needed it to be no-lead compliant. Your reps were really helpful in getting me from what I thought I wanted, to what I actually needed."

Jonnie Allison—Operations Manager at Frazier Park Public Utility • Frazier Park, CA

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Emma Kohl—Lake Supervisor at Crystal Lake WWTP • Crystal Lake, IL

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Carl Naumann—W & WW Superintendent at City of Justin WWTP • Justin, TX

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In 1997, the contact stabilization plant was changed to conventional aeration with biological phosphorus removal using the A2O process. A sludge storage facility was constructed to house the thickened digested sludge, along with a pump station for loading the sludge hauling trucks. Short Elliot Hendrickson completed the design engineering work for the project.

Most Recent Upgrade
In 2007, the utility completed an operation and needs review, which identified and prioritized a list of necessary infrastructure improvements at the plant. The utility hired Applied Technologies, Inc. (ATI) to prepare a facilities plan and provide design and construction services for the upgrade. The facility improvements were completed in 2012, and the facility is designed to meet the City of Rice Lake's wastewater treatment needs through the year 2030. The WWTF improvements made a number of changes to existing treatment facilities and added new facilities.

Facilities
New primary treatment facilities were constructed and include two primary clarifiers and a new primary treatment building. The building houses the primary sludge and scum pumps, which transfer solids directly to the anaerobic digester. A chemical phosphorus removal system consisting of a storage tank and chemical pumps was installed as backup to the facility's biological phosphorus removal.

Aeration Basin
A new aeration basin was constructed to provide additional treatment capacity. Biological phosphorus removal facilities were installed in the new basin. An anoxic and an anaerobic selector were constructed in the new basin and are mixed with floating mixers. The existing basins' coarse bubble diffusers were replaced with fine bubble membrane diffusers to improve mixing and treatment efficiency.

Receiving System
The Rice Lake WWTF accepts various types of hauled waste, including septage/holding tank waste, grease trap waste/salt whey, and landfill leachate. The nature of some of these wastes was causing maintenance and operational issues at the existing septage receiving station. A separate receiving system was constructed to store and manage the grease and salt whey waste streams to alleviate maintenance and storage issues. Two submersible choppers were installed in the new system's storage tank to provide mixing and to pump the grease/salt whey to the anaerobic digesters. In addition, various improvements were made to the existing septage receiving facilities, including the removal of non-functioning equipment, improvement of piping layouts, and replacement of the submersible grit pumps.

Anaerobic Digesters
The existing anaerobic digesters were modified and rehabilitated for continued use as the sludge stabilization process. The fixed, concrete digester covers were removed from both digesters and replaced with a steel floating cover on the primary digester and a steel gas holding cover on the secondary digester. The digester gas bubbler mixing system was replaced, with a draft tube mixer installed in each digester to thoroughly mix the digester contents. A new digester gas flare was installed, as well as all respective gas piping and gas handling safety equipment.

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Built to Last!
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Miscellaneous
Miscellaneous improvements included the following
• Replacement of the plant’s influent pumps
• Extensive HVAC modifications in the preliminary treatment building and solids thickening room
• Rehabilitation of the grit chamber and replacement of the grit classifier.
• In-kind replacement of the dual-fuel combination boiler and heat exchanger
• Replacement of the existing centrifugal aeration blowers with rotary lobe blowers
• Installation of a new supervisory, control, and data acquisition (SCADA) system to provide improved control over facility process
• Extension of hot water heating to the preliminary treatment and sludge storage operation buildings

The vision and forethought of Rice Lake Utilities ensures that residents and tourists will continue enjoying the region’s beautiful four seasons well into 2030!

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Flygt is a brand of Xylem, whose 12,500 employees are addressing the most complex issues in the global water market.
John Edlebeck, Director of Public Works/ City Engineer and Henry Veleker, City Administrator of the City of Waupaca, welcomed the members to the City.

Rick Mealy of the WDNR presented on preparing for the DNR wastewater exams. Rick showed example problems and gave helpful suggestions on how and what to study. Rick discussed how the DNR's laboratory review classes help improve test scores.

Next on the agenda was Steve McCuskey of Hach Company. Steve presented on why nutrient monitoring is necessary, options for phosphorus measurement and control, testing methods, and provided tips on reducing testing errors. He presented on some of the new phosphorus testing procedures. Steve showed how to easily convert between phosphorus and orthophosphate. Steve provided helpful tips for installing and operating continuous phosphorus testing equipment.

Marc Stephanie called the WWOA LMD business meeting to order. Marc handed the chair position over to Jake Becken. Jake presented a plague to Marc for his service. Last quarter’s minutes and Treasurer’s report were approved. Josh Steffeck was introduced as the new Secretary/Treasurer. Richard Sachs of the WDNR advised that applications were sent out for the May 6th exams; new certification system will take effect on July 6, 2015, and to remember to check the WDNR website for future updates and additional information.

Joe Cantwell of Focus on Energy gave an excellent presentation. Joe presented on how Focus on Energy can help a treatment plant reduce electrical costs. Joe stated the importance of knowing where your electrical “baseline” is and defining your electrical cost goal for the future. Joe discussed knowing your electric bill and to optimize plant operation to take advantage of different rate schedules. Joe showed example spreadsheets for determining where the energy usage lies. These spreadsheets can help show what processes use the most energy and to start with those areas for finding ways to save energy. Joe stated different options for reducing electrical costs associated with
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different process equipment. Joe wanted the operators to take the importance of implementing energy reducing projects and to improve electrical demand management.

The last presentation was by Nick Jannous of Aquarius Technologies. Nick gave a presentation on aeration system design, fundamentals, and improved operation. The presentation covered the major different types of aeration systems. Nick described when each type of aeration system is generally used. There were slides showing the efficiency of the different aeration systems when compared to each another. Nick explained the pros and cons of each type of aeration system for use in various treatment processes.

Jesse Landre, Waupaca Wastewater Treatment Plant Operator, gave a presentation on the history of plant upgrades, capacity, sources of received flow, and the operation of the wastewater treatment plant. A plant tour followed the presentation.

The next meeting will be in Manitowoc on May 21, 2015. Special thanks to the John Edlebeck and the Waupaca WWTP operators for hosting this meeting.

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**New wastewater operator certification rules**

On July 1, 2015, the new Operator Certification rules will take effect. Here are some of things you should do between now and then:

1. **WHAT'S GOING ON? I NEED TO KNOW MORE.**
   

2. **HOW DOES MY CERTIFICATION CONVERT?**
   
   Questions? Lisa Bushby, Lisa.Bushby@wi.gov 608-266-0498

3. **HOW WILL THE NEW 10 POINT ADVANCED CERTIFICATION WORK?**
   

4. **MAKE SURE YOUR EXPERIENCE UP TO DATE.**
   
   Experience Forms are located at: [http://dnr.wi.gov/files/PDF/forms/3400/3400-066A.pdf](http://dnr.wi.gov/files/PDF/forms/3400/3400-066A.pdf)

5. **WILL MY TREATMENT PLANT BE A BASIC OR ADVANCED WWTP? WHAT SUBCLASSES WILL MY PLANT NOW BE? WILL I NEED TO TAKE ANY NEW EXAMS?**
   
   http://docs.legis.wisconsin.gov/code/admin_code/nr/100/114/1V/56
   
   Questions? Jack Saltes, Jack.Saltes@wi.gov 608-264-6045
Rally the troops – join the fun of the Operators Competition!

It is time once again to start rallying the troops and get those Operators Competition teams together and get registered. Talk to your Region President about putting a team together and join the fun. Southern Region took the honors in a tight competition last year. It was an absolute hoot.

We will be offering four events to the competitors this year. We are hosting the same events that we had last year. The lab event, maintenance event, process control event, and we will again bring the most popular WEFTEC event to our competition. The collection system repair event; each team is to cut and replace a broken section of PVC pipe. By the way, you will also have to add a lateral connection to the repaired pipe. Everyone that has done this event in the National Competition will tell you how much fun it is. Check it out on WEFTEC.ORG.

I would like to have all entries for the event in by our WWOA Board of Directors meeting on August 13, 2015. Entries are available on our WWOA Website. If you are interested, don’t hesitate to call a couple of buddies and enter the event. Contact Jeff Bratz, Competition Coordinator at, 262-206-1323 or email me at wrcsd@tds.net and I will get your team in, but don’t wait too long, preparation for the competition is already under way.

Come and join the fun!

Rally the troops – join the fun of the Operators Competition!
IN CONTROL Successful operations through process control
VI. Phosphorus treatment optimization: On track keeping track

By Jack Saltes Wastewater Operations Engineer Wisconsin Department of Natural Resources

So the treatment train has left the station and is on its way. From these series of articles, you should now know this special treatment train runs along the track and passes through specific depots…….anoxic station……anaerobic station……aerobic station……clarifier station……all very important stations along the way where phosphorus gets on and off.

So the best way of staying on track is by tracking phosphorus and other parameters along the way, at the different stations before its final destination and arrival at the river station. And what kind of tracking should be done to ensure the best and optimal delivery of little to no phosphorus once it left the train (hopefully) and arrives at the river station?

If you are going to operate a biological phosphorus removal treatment plant, and it be consistently successful, an operator really has to know exactly what is going on in each part of the treatment train by what I call “station sampling” (see diagram).

At the Anoxic Station, it is important to know if this is really the anoxic station through ORP. And the nitrates leaving this station (hopefully little to none) through a portable nitrate test kit.

Arriving at the Anaerobic Station, it is important to know if this is really the Anaerobic Station (through ORP). And the phosphorus release through an ortho-P portable test kit.

At the big Aerobic Station, it is important to know your dissolved oxygen (or ORP), MLSS levels, sludge age and P uptake.

Arriving at the Clarifier Station, knowing the sludge blanket depth, % phosphorus in the WAS and then most importantly, the amount of P leaving this station heading to the River Station.

Advanced operators will need to know what is happening at each treatment station as more and more of you remove

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phosphorus through biological means. Wastewater treatment is moving well beyond conventional BOD, TSS and ammonia removal. To really understand P-Removal, both biological and chemical, go to the WDNR operator certification website and print out the P-Removal Study Guide, read it, put in in binder or report cover and put it on your shelf for future reference. It is an excellent practical primer and resource on the subject. Here’s to staying on track…. the bio-P track!

47th Annual WWOA Business Meeting Stevens Point, WI

President W. Peterson called the meeting to order at 12:00 p.m. on Thursday, October 24, 2013 at the Stevens Point Holiday Inn Hotel and Convention Center, Stevens Point, WI. Roll call was taken, all Officers and Directors were present. Approximately 200 members were present for the meeting.

President Wade Peterson asked if there were any changes and/or additions to the agenda. None given. Kevin Freber made a motion to approve the agenda put forth. Seconded by Paul Lange, motion carried.

President W. Peterson asked for a moment of silence for all the members who had passed away in the past year.

Minutes of October 11, 2012 meeting were presented for approval. Motion to dispense with the reading of the minutes was made by Dale Neis and seconded by Kay Curtin, motioned carried.

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Executive Secretary, K. Harter, distributed copies of the financial report. Harter reported the revenues for this fiscal year ending December 31, 2012 were $183,615.47. Expenditures totaled $173,721.71, with a net of $9,893.76. Tom Crouse made a motion to approve the financial statement as presented, Paul Wilson seconded. Motion carried.

NOMINATION-ELECTION OF VICE PRESIDENT AND DIRECTORS

Chairperson, R. Thater placed into nomination the name of Lyle Lutz for the office of Vice President. President Peterson called three times for nominations from the floor. There being none Randy Herwig made a motion that the nominations be closed and a unanimous ballot be cast electing Lyle Lutz to the Vice President position. Paul Lange seconded. Motion carried.

President Peterson informed the membership that there were three – two year term directorships open and one – one year term directorship open that is the vacant with the election of Lyle Lutz to Vice President. President Peterson placed into nomination four names for the office of director. These were Jeff Bratz, Bernie Hengles, Jeff Simpson, and Jeff Smudde. President called three times for nominations from the floor. Two names were put forth from the floor. John Fales and John Leonard put forth the name of Don Lintner for director. John Leonard and Dean Falkner put forth Chris August for director. Motion to close the nominations was put forth by Randy Herwig. Seconded by Dale Neis. Motion carried. President Peterson explained that because there were more than four names on the ballot to please vote for four directors. Vote for four, the top three will get full terms and one will get one term to fill out Lyle Lutz’s term.

The election proceeded. President Peterson appointed Past Presidents Randy Thater, Bruce Bartel, and Dave Carlson as ballot clerk, with Bruce Bartel being chief counter. President Peterson announced the winners of the three – two year terms were Jeff Bratz, Jeff Smudde, and Jeff Simpson. The winner of the one – one year term was Don Lintner. Randy Herwig made a motion to destroy the ballots, Paul Lange seconded. Motion carried.

COMMITTEE REPORTS

Publicity and Scholarships – Jeff Simpson advised that the Board of Directors were working on one board member attending one meeting and to meet the membership. J. Simpson also advised that the scholarship requirements were changed to add non-family members.

Website Committee – Jeff Bratz advised that Steve Meifert and Karen Harter had made a lot of changes and updates to the online registration and were working on make more changes to improve the website.

Operators Competition – Jeff Bratz announced the teams and winner of the Operators Competition.
Teams were:

Team 1: LMD
  Dustin Jerabek, Holly Blazer, and Mike Murphy

Team 2: LMD
  Aaron Eichhorst, Eric Lynne, Dave Hoppe

Team 3: NCD
  Vern Williams, Chris Helgestad, Travis Dulek

Team 4: SED
  James Bergles, Brian Willadsen, Andy Resch

Team 5: UW-Stevens Point
  Mitch Vinz, Tyler Bastian, Jake Kehring

Winners were:  First Place – UW-Stevens Point
  Second Place – North Central District

Jeff Bratz thanked the competition judges, Matt Schmidt and Jake Bacon

Central States Liaison – Sharon Thieszen reported that Central States and WWOA are working together with the Young Professionals group.

Regional Officers – Sharon Thieszen reported that more reports were submitted in electronic format. Regions are also pushing for electronic format over snail mail.

Operator Training – Lyle Lutz reported that the Advanced Microbiology seminar attendance was down but everyone that attended thought it was a good seminar and speaker.

Clarifier – Jon Butt reported that 200th Clarifier was published this year. Jon Butt also recognized Dan Busch for his article.

OLD BUSINESS
No old business

NEW BUSINESS
Life Membership Changes

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Due to the growing number of Lifetime Members President Wade Peterson presented suggested changes to the Life Membership.

Suggested changes to Life Membership
Current Articles of Incorporation Reading:
Article 8: C
A Life Member shall be one who has been an Active Member for 25 years or more in this Corporation or 25 years in the Wisconsin Wastewater Work Operators Conference and Wisconsin Wastewater Work Operators Conference Incorporated, the predecessor organization of this Corporation, or a total of 25 years in both. Life Members shall have the same voting privileges as Active Members and Honorary Members, but shall not be required to pay dues. Life Members shall not, however, be eligible to hold any office in the Corporation.

Proposed Articles of Incorporation Reading:
Article 8: C
A Life Member shall be one who has been an Active Member for 25 years or more in this Corporation or 25 years in the Wisconsin Wastewater Work Operators Conference and Wisconsin Wastewater Work Operators Conference Incorporated, the predecessor organization of this Corporation, or a total of 25 years in both. Life Members shall have the same voting privileges as Active Members and Honorary Members and shall be required to pay dues if currently employed by a Wastewater Affiliated Organization. A Life Member wishing to hold an office in the Organization may do so only if they are paying dues.

Example:
Current life members that (originally joined in an even year) would receive a dues request in 2014. (1980, 1982, 1984 …) If you are not currently employed full-time by a Wastewater Affiliated Organization, you would notify the Executive Secretary and your dues request would be cancelled. If you originally joined in an odd year (1981, 1983, 1985 …), you would receive a dues request in 2015. Again, if you are not currently employed full-time by a Wastewater Affiliated Organization, you would contact the Executive Secretary and your dues request would be cancelled.

Financials:
Estimate that half of the existing life members are still currently employed in a Wastewater Affiliated Organization,
which would mean that 213 members would continue to pay membership dues. That equates to $10,650 additional revenue on a bi-annual basis.

Motion to put the current membership issue on the floor current membership was put forth by Paul Lange and seconded by David Tracey. After much discussion an amendment to the original motion that all lifetime members continue to pay dues regardless if they are working or not was put forth by Gary Hanson. Seconded by Rich Boden.

After further discussion, Joan Hawley put forth that all life time members pay their dues starting in 2014 with all current Lifetime members being exempt or grandfathered in. By hand vote, motion passed.

President Peterson requested a vote to approve the amendment put forth by Joan Hawley. Motion passed on a hand vote. Will go into the By-Laws.

ADJOURNMENT
There being no further business Randy Herwig made a motion to adjourn. Second by Kay Curtin. Motion carried. The meeting adjourned at 1:30 p.m. on October 24, 2013.

Minutes submitted by Karen R. Harter, Executive Secretary

West Central District Regional Meeting, February 18th, 2015

The meeting was brought to order by Steve Skinner. The meeting was started with old and new business. The Region is looking into ways to ease the meeting notification process by going to electronic notification by possibly posting on the WWOA website or by emails. Members please give some thought to what would work. The WWOA website is easy to get to and use; the February meeting information was posted there. Give it a try. Also be thinking about the deserving operators for an award at the annual conference. It would be nice to see several nominations this year. It would also be nice to assemble an operator competition team this year. It’s a great opportunity to meet some great people.

Thank you to all the vendors who display at our meetings. Those who attended this meeting were CTL, MSA, L. W. Allen, Dorner, Xylem Water Solutions/Flygt, and Opzmyz. Donuts and coffee were donated by MSA.

Teresa Anderson with MSA spoke about the Birchwood WWTP project. Her topic was affordable wastewater denitrification. Teresa gave an overview of the plant and permit conditions. She identified key problems that needed to be addressed to improve plant efficiency. After this was complete a facility plan was brought before the Birchwood community. Recommendations consisted of replacing 3 lift stations, retrofitting 4 lift stations, adding an alarm dialer, and replacing influent sampling. Plant upgrade projects included a new headworks building, chemical feed system, sampling equipment, and installing new lagoon covers.

The big question with going on line was will it work. With pride she was happy to explain that it performed as design.

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The plant was meeting limits. The moving biofilm reactor required some experimentation to achieve the nitrogen levels they were looking for. They were able to get the results. The 4.8 million dollar project was able to get funding through Community Development Block Grant and DNR Clean Water Fund.

Mark Duerr with Mulcahy Shaw spoke about chemical feed analyzers; specifically the YSI P700 phosphate analyzer. He described many benefits associated with the analyzer. Such features as it can be mounted inside or outside; low annual operation cost (about 300 dollars a year) has an auto calibration feature, has built in sample supply pump, and has network capabilities. Locations which the analyzer can monitor around a plant are influent, effluent and mix liquor. The monitor updates information in 15 minute intervals. This information can be relayed to chemical feed equipment to pace feed the chemical. This allows for optimizing phosphorus removal through chemical feed control. Mark also touched on a newer product named Sorbx which being used for phosphorus removal. It’s proving to be very good but with every good thing there is a price. The benefit he expressed is that it is more effective that other coagulants. So calculating pound for pound removal rates it may prove not to be that expensive.

Jack Saltes finished the morning topics with “18 months Until CMOM... But Who’s Counting?” He started with the operator Certification changes for NR114 coming on July 1, 2015. He discussed how subclasses would convert and handed out literature to help explain this. Jack stressed to get your certification information checked out and any changes handled before July 1, 2015. What is on the record books as of July 1 is what the Certification sheet will reflect for new subclass changes. Jack stated that there needs to be an OIC- operator in charge at every WPDES permitted treatment plant which translates as follow under “NR114.53 General Requirements (1) Every WPDES permitted treatment plant shall have a designated operator-in-charge holding current and valid certificate pursuant to this sub-chapter. The designated operator-in-charge shall be certified at the level and in all subclasses of the treatment plant, except laboratory. Treatment plant owners shall notify the department of any changes in the operator-in-charge within 30 days.” After touching on a few of the main changes he moved into the CMOM- Capacity Management, Operation & Maintenance presentation.

The implementation deadline is August 1, 2016 for NR210.23. Items that needed to be highlighted for implementation are 1) Goals, 2) Organization, 3) Legal Authority, 4) Maintenance Activities, 5) Design and Performance Provisions, 6) Overflow Emergency Response Plan ,7) Capacity Assurance, and 8) Annual Self-Audit. The three big areas that the DNR will focus on are 1) Legal Authority, 2) Operation & Maintenance Program and 3) Emergency Response Plans. The idea behind the CMOM program is to help communities locate problems, find a way to fund it, and then be able to fix the issues.

The afternoon session started with Scott McManners. His topic was on composting food waste. Most of the material for the compost site within the Ho-Chunk Nation is from the casino. The program started in 2005. The program allowed an average of 150 lbs of organics a day to be kept out from the landfill. This number has been as large as 400 to 500 lbs a day. In total they managed to keep 55,000 lbs of food from landfills. The end product goes for community garden projects. The project was funded through a grant. One of challenges for the facility is the dry soil conditions in the area that draws the moisture out of the compost. This issue requires the need to water compost when it gets too dry. The process requires low overhead as far as equipment investment. They have a pickup for hauling, a skidder and a compact tractor for the turning of the organics. Scott said he would like to see more communities use this type of composting.
composting process to help keep organic out of the landfills. The turnaround from food to useable product takes about two years.

Greg Gunderson with MSA was the last speaker of the day on the Wazee Area Wastewater Treatment Facility for the Ho-Chunk Nation. The Ho-Chunk Nation was in need of a facility upgrade. The plant was original built 1995 with an upgrade in 2003.

The two users of the facility are the Ho-Chunk casino and the Jackson Correctional Institute. Before the upgrade they were operating at two thirds capacity. The casino was looking to expand and wanted to look into the possible future needs for treatment.

The goals that were outlined for this to happen are provide sufficient capacity for the long term, improve process control and monitoring, and maintain operator safety. The challenges that needed to be met to make this happen were big.

The upgrade started in 2013 by adding more processes for better treatment controls. Upgrades to the collection system started with replacement of force mains, lift stations, and a Scada control system. The plant received a new headworks building which house the blowers, fine screen, thickening equipment influent sampler, alkalinity feed, and additional Scada access points. The biological phosphorus removal process is performed in three tank system by modification to the UTC process.

Disinfection is done with Trojan 3000B ultraviolet system. A new secondary building was constructed to house solid pumping equipment, effluent water system, MCC panel and another Scada access point.

Additional equipment in the building consists of upgraded RAS/WAS pumps and a new Vulcan rotor drum thickener. The aerobic digester was upgraded by enlarging the old tank.

The project totaled 9.48 million dollars with 1.1 million in collection upgrades and 8.83 million into building the plant. The loan was financed through the Clean Water Fund with anticipated savings of 915,000 dollars over a 20 year period. Good plant performance being achieved with the upgraded plant.

Attention All WWOA Members

The Board of Directors is considering a change to the annual conference and would like to receive your feedback. There has been a noticeable decrease in participation in the Guest program during the annual conference. There is a considerable amount of planning and expense associated with the guest program. The Board of Directors is considering dropping the Guest program for the 2015 conference. Future conference may reconsider the Guest program.

Please contact any Board of Director member and let them know how you feel about the Guest program.
Stoughton hosts February southern district spring meeting

2015 WWOA Southern District Spring Meeting Minutes
Host: Stoughton
Location: Banushi’s Bar and Grill Conference Center on 2-10-2015 Prepared by: Jon Karch

After registration and morning snacks provided by William/Reid Ltd., the meeting began with a welcome from the Mayor of Stoughton; Donna Olson. She took time to greet everyone and address the importance and appreciation of all wastewater employees and their dedication to the progression of the wastewater field. It was a full house with 77 attending; to which the Chair of the Southern District, Nate Tillis, introduced the first speaker of the day, Troy Larson of Strand Associates.

Troy discussed some common and unusual problems dealing with activated sludge and the troubleshooting which follows these occurrences. His main point was how various factors such as droughts, cold weather and unusual changes to treatment stress the systems in different ways and how the microbes react to these stresses. Stresses caused by environmental factors could include less diluted wastes and slower metabolic wastes which may either enhance or create new problems in the system. Troy went over various causes and effects in situations such as these and what to look for. His parting question to the audience was concerning why some midge fly events are cosmetic when others affect settling – answers are currently being researched.

Mark Kane of L.W. Allen & Altronex followed Troy with a presentation outlining the Stoughton treatment facilities SCADA and technology upgrades. The upgrades involved were: SCADA controls, software replacements, PLC and MCC additions/replacements, cameras, fiber optic cabling, wireless telemetry, power monitors, and remote access. Other notable additions to the Stoughton plant were VFDs for equipment such as the plant’s Kaeser blowers and power monitoring upgrades which allow for power use monitoring, recording, and trending of equipment.

After a short break sponsored by Mulcahy Shaw, Pam Cornish of Molycorp showed how rare earth technologies can be used to help reach low level phosphorus limits with a greater efficiency than current additives. The two prominent elements being used in these processes are Lanthanum and Cerium of the lanthanide series of elements to create a coagulant. A major factor in making all of this possible is a rare earth mine which opened in California and supplies all rare earths needed. The rare-earth coagulant is able to achieve a 1:1 ratio in removal of phosphorous and on a side note; it also introduces lower chlorides than ferric or ferrous solutions. Pilot studies showed that the coagulant was able to reach low level phosphorus limits with less chemical addition and with better reliability.

Neil Howell from Focus on Energy talked about both energy conservation and incentives. Focus on Energy (FoE) is a Wisconsin based partnership of investor owned utilities with a common goal. Along with the energy efficient practices; FoE has saved Wisconsin residents and businesses $2.46 for every dollar spent totaling to $730 million annually. FoE advisors will work with treatment facilities to determine the best practices for energy conservation and the possible incentives to complement the projects. Neil also noted that there are study grants available for on-site anaerobic aeration.

At this point there was short period for the Southern District Business Meeting and DNR update. Nate

continued on page 24
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Tillis presented the last meetings minutes which were approved and Marc Zimmerman outlined the treasurer's report which was also approved. A request was made for anyone interested in becoming next year's secretary. Anyone interested should put in their nomination to be voted on at the last meeting. Recognition was given to the Deuce is Loose; the winners of last year's operator competition.

A certificate of recognition was also given to Brian Erickson of Stoughton Utilities in thanks for hosting the meeting. The past year's chair, Ryszard Zolnik, also received a plaque recognizing his dedication to the WWOA, however; he was not present to receive it. Jim Johnson, a director of the WWOA, noted the annual WWOA meeting this year, a call for award nominees, and addressed the redesign of the WWOA's website. Amy Garbe gave a quick DNR update which included a reminder of July 1st being the date the changes to NR 114 will go into effect. She also briefly talked about the May 6th operator exams, DNR and UW-ext phosphorus webinars, and deadlines for land application forms.

At noon there was an extended break for lunch and for the attendees to be able to look over the vendor displays.

The final technical speaker of the day was Andy Zaletel of Baxter Woodman. Andy presented on GIS development and implementation for asset management. The GIS system is basically an all-in-one information system which includes everything in a navigable system. The information is managed and updated immediately through field data, reports, updates, televising videos, and more.

The price range is variable and can be a few thousand to have a seed system which will grow overtime; or hundreds of thousands for a full inventory of the extensive treatment system. The system will also be able to track work efficiency possibilities.

Jane Carlson of Strand Associates ended the meeting with an introduction to the Stoughton WWTP which was followed by a tour of the treatment facility.

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**28th Annual Classic Collection System Seminar June 4**

**WHEN:** Thursday June 4th, 2015  
**WHERE:** Turner Hall, Watertown, WI  
**MORNING SESSION:** Collection System Technical Session  
**AFTERNOON SESSION:** Vendor and Equipment Displays, Door Prizes, Product Demonstrations

**TENTATIVE TOPICS:**  
- Lift Station Control Systems  
- Cured-In-Place Manhole Lining  
- Safety: Danger of Cross Boring  
- Force Main Assessment & Rehabilitation - Case Study  
- DNR – Operator Certification & CMOM Update  
- Flushables - Public Relations & Education  
- Ice Pigging Case Study

**DNR CREDIT HOURS** Credit hours will be available.

**CO-SPONSORS:**  
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- Central States Water Environment  
- Wisconsin Wastewater Operators

Online Registration when available- www.cswea.org

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**Vendor Information:** Bob Leczy  
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Wisconsin Wastewater Operators’ Association
BOD Meeting – Green Bay, WI
August 13, 2014

1: CALL TO ORDER, ROLL CALL: President, K. Freber called the meeting to order at 10:15 am on Wednesday, August 13, 2014. Roll call was taken. All present.

2: AGENDA CHANGES AND ADDITIONS AND CORRESPONDENCE:
Added Joe Finn to the agenda, Added Hyatt BEO Review to old business, B. Bartel report at 11:30. Troy Larson to discuss the signage. Motion to except changes made by J. Bratz, Second by L. Lutz. Motion passed.

3: APPROVAL OF MINUTES: Motion to except minutes of from the April 24 and April 25, 2014 meeting made by J. Bratz, Second J. Smudde. Motion carried.

4: FINANCIALS: Financials were reviewed for 2013. Accounting firm very happy with 2013 books and they are clean and in good shape. Motion to except financials as is made by J. Simpson, Second by J. Bratz. Motion carried. Reviewed the March 2014 – April 2014 financials. Motion to except financials as is made by S. Thieszen, Second by J. Simpson. Motion carried.

5: NOMINATIONS: W. Peterson reported that he received two nominations for the Vice President position. These were from S. Thieszen and J. Bratz. There are 2 directors position open. Received three nominations. These were from Jim Johnson – Southern – Xylem, Inc., Ryan Hennessy – Southeastern – Microbial Discovery Group, and Donald Linter – Lake Michigan – New Holstein Utilities. J. Bratz brought up how we decide the 1 year term. If Sharon Thieszen is elected Vice President, there will be 2 director positions open. If Jeff Bratz is elected there will be one 1-year term and two 2-year terms. The 1-year term is filled by the person with least votes.

6: MEMBERSHIP: No Report

7: SCHOLARSHIP: J. Simpson reported that WWOA paid one tuition reimbursement so far to Jake Becken. There is one pending application for tuition reimbursement for Mark Wittstock.

Scholarships available this year are:
1: Crane Engineering - $1,000.00
2: WWOA - $1,000.00

3: WWOA - $1,000.00
4: North Central Labs - $2,500.00 per year to Junior in college

Scholarship Applications: McKala Kiessling, Junior, Daughter of William Kiessling (WWOA Member); Ales Krause, Junior, Son of Scott Krause (WWOA Member); Alex Smudde, Junior nominated by Chris Lefebvre (WWOA Member); Cory Marcott, Sophomore, nominated by Bruce Bartel (WWOA Member); and Andrew Patek, Sophomore, nominated by Daniel Zitomer (WWOA Member). After much discussion

8. EXECUTIVE MEETING: No report

9. LOCAL ARRANGEMENTS: B. Bartel reported on the cost of the different costs of the buses. It was decided to go with the school buses due to cost. One bus will go to Fox Energy for the tour, limited to 50 people only. The buses going to New Water tour will be continuous on a 15 minute run to and from the Hyatt to New Water. There was also a discussion on whether or not there will be vendor demonstrations at New Water. Bruce will get with Tom Mulcahy to finalize arrangements for this.

10. GUEST PROGRAM: B. Bartel reported for Jean Van Sistine that the Guest Program is on schedule and all arrangements have been finalized.

11. MIDWEST WATER EXPO: J. Finn, Wonderware, presented a request to WWOA to become part of the Midwest Water Expo held in the spring starting in 2016. CSWEA decided that they will bow out of this after 2015. After discussion it was decided that this would be a great opportunity for WWOA to present more educational opportunities and for the Southern Region to take advantage of this venue for a regional meeting. Kevin Freber and Karen Harter will review the financials from Midwest Water Expo as provided by Joe Finn.

12. SIGNAGE: T. Larson reviewed all of the signage that was used last year and what changes need to be made this year. Troy will put all of the changes in and send to Lyle Lutz, Kelly Zimmer, Kevin Freber and Karen Harter for review.

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continued from page 26

13. Golf Outing: No report

14. CAREER DEVELOPMENT:

15. PROMOTIONS: J. Smudde advised that the flyer for new promotion items has been posted on the WWOA website. Jeff also advised that he had 6 BOD shirts redone as the green dye from the embroidery bled onto the yellow shirts. He distributed the new shirts. He is also working on placing the promotional items for the Conference. This includes the “top gun” hat. Shirts for the operator’s competition will be ordered as soon as the final count is available.

16. CLARIFIER: No report.

17. CAREER DEVELOPMENT: – L. Lutz that we will see where this goes for next year. Maybe look at other venues and in different areas. He also advised that the Gateway Technical College (Racine/Kenosha/Walworth Counties) setting up a 2 year program for Wastewater

18. AWARDS: K. Zimmer reviewed the list of award nominations. There were no nominations for the George Bernauer Award or the Koby Crabtree Award. Service Award winner is Tom Mulcahy, there are two Newcomer Awards for 2014: Aaron Dose and Daniel Grunewald. And the region of the year is Southern. J. Simpson motioned for approval of all awards as presented, J second, motion passed.

19. OPERATOR TRAINING: J. Smudde and D. Lintner advised that the Energy Bill training session went very well and was well attended. They were very happy about how it worked doing the training with Energy Center of Wisconsin. They would do it again.

20. DIRECTORY: K. Harter we did not update the directory to cost. There will be 2013/2014 paper directors for sale at the Conference. We have about 30 directories left. They will cost $10.

21. PUBLICITY: J. Simpson suggested to the Regional District Chairpersons that they try not to plan their meetings on BOD meeting days. Karen pointed out that since we don’t post the BOD meeting dates on the website, how would they know these dates? The regions need to do a better job on putting their meeting dates on the calendar and in their own sections.

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Wausau hosts North Central regional March WWOA meeting

North Central Regional WWOA Meeting
March 3, 2015
City of Wausau

The 2015 winter meeting of the North Central Region was held at the Great Dane in Wausau on March 3, 2015. There were xx in attendance. Dave Erickson welcomed attendees on behalf of the City of Wausau. He introduced Rich Boden, North Central Region Secretary.

Boden thanked Dave Erickson for hosting the meeting. He noted that this meeting is unusual in the respect that it focused on watershed issues and phosphorus strategies. He welcomed those conservation specialists from counties and encouraged operators and conservationists to network throughout the day.

Boden introduced Amanda Minks, DNR Water Resources Management Specialist. Amanda introduced herself and explained some of the background on the phosphorus issue. She reviewed the various implementation strategies for point sources. She explained the variance options and status of the statewide variance request. She compared the adaptive management and trading options and discussed the advantages and disadvantages of both.

Amanda introduced Mike Volrath who shared a few words on DNR's approach to phosphorus implementation strategies.

Jeff Smudde, New Water, gave a presentation on New Water's adaptive management pilot project on the Silver Creek watershed.

Jeff gave the background on the conditions in the lower Green Bay, the Lower Fox River watershed, and effects of the Lower Fox River TMDL. He presented the data gathered thus far at the New Water facilities and their strategies to achieve permit requirements. He discussed the development of the pilot project concept and discussed the information the project has generated.

Nathan Wells, DNR Area Engineer, was introduced. He discussed NR 114 changes and the upcoming Wisconsin River Symposium.

NCR Chairman Andy Ott called the business meeting to order. He thanked all for attending. He thanked Dave Erickson and the Wausau staff for hosting the meetings and tours. He thanked the vendors for their support.

Ott recognized Lyle Lutz and Jeff Smudde representing the state WWOA. Lyle Lutz thanked the region and City of Wausau. He reminded everyone about nominating deserving individuals for awards. The Board is looking for nomination for WWOA BOD. He reviewed some upcoming events and encouraged operators to participate in the Operator Competition.

Jeff Smudde reminded attendees about available tuition aid and scholarships. The directory will be updated this fall. Attendees were encouraged to check their information at the WWOA website. He also reminded people about WWOA promotional items.

The minutes of the Auburndale meeting were approved. The Treasurer's Report was read.

Ott noted the 2014 Steering Committee election results and listed the 2015 Regional Officers: Andy Ott-Chairman, Katie Gruber-Vice Chairman, Ken Bloom-Treasurer, and Rich Boden-Secretary. Joe Gehin was welcomed as a new member to the committee. Ott thanked retiring Chairman Terry Vanden Heuvel for his service to the North Central Region.

Ott listed upcoming meetings and events:
• Spring Biosolids Symposium-Stevens Point 3/17/15
• North Central Region Spring Meeting-NCL Birnamwood 5/13/15
• Watertown Collection System Seminar- 6/4/15
• Marshfield Northwoods Collection System Seminar-7/23/15
• WWOA Annual Conference-Kalahari 10/6-9/15

There was no new business. The business meeting adjourned at 12:02. Lunch was served. Door prizes were awarded after lunch.

Andy Johnson, Marathon County Conservation, Planning and Zoning, gave a presentation on Regulatory Strategies for Manure Management. He explained Marathon County's strategies for controlling agricultural runoff and the regulatory approach they are considering. He described the background agricultural issues the county deals with and identified the reasons that pollution of water resources occurs. He listed the County's proposed ordinance changes and the implementation strategy.

Attendees were invited to tour the Wausau Wastewater Treatment Facility. The meeting was closed.

Rich Boden, North Central Region Secretary
Do your valves clean themselves and seat in a new position each time?

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22: REGIONAL COORDINATOR: S. Thiezen reported that she has been in contact with the Regions regarding the Regional Officers meeting and will work on the agenda. She will also help Karen get a firm confirmation on the room requirements at the Hyatt for the Regional officers.

23: GOVERNMENT AFFAIRS: No report

24: BIOSOLIDS SYMPOSIUM: No report

25: CENTRAL STATES LIAISON: S. Thieszen reported that CSWEA held their summer Board meeting on August 6, 2014. The pretreatment seminar was very successful. They would be open to collaborating with WWOA on a future pretreatment seminar. CSWEA is also discussing for 2015 to add the Awards Banquet fee into the full conference registration rate and adding a Utility meal rate for those registering under the Utility Pricing. The CSWEA board would like WWOA’s input on the pricing structure.

26: WEBSITE: J. Bratz reported that online registration is working well. When there has been an issue Webfitters has addressed it quickly. A list to make this better has already been started. Jeff is still looking for a second person to work with the website committee.

27: TECHNICAL PROGRAM: L. Lutz advised that one technical session substitution has occurred. He will be sending out reminders to all speakers to get their presentations in. The Abstract book draft has been assembled by Amy Kistner at Aecom and is being reviewed by Lyle and Karen. The Keynote is all set and the entertainment activities are in process. He will be reviewing the BEO’s with the Hyatt staff to ensure facilities will be setup as needed. Lyle is waiting to hear from Becher & Hoppe to see if they will handle the evaluations again this year.

28: EXHIBITOR COMMITTEE: T. Mulcahy reminded everyone what the Manufactures and Consultants sponsorship fees covers. They cover a large cost of the conference expenses. He also stated that as of 8/11/14 there were 80 exhibitors signed up for the conference and that we are on track for 120 exhibitors.

29: OPERATORS’ COMPETITION: J. Bratz reported that there are two teams and a commitment on a third. Jim Bergles is trying to put together a team from SE Region. Still don’t know if there will be a student team as school has not started yet. He will know more once school starts. Because of this he would like to extend the deadline to September 15th. Sponsors are gathering this year’s supply of parts and equipment.

30: GOLF OUTING: No report

31: SPORTING CLAYS: No report

32: PERMANENT ARRANGEMENTS: No report

33: RESOLUTIONS AND BYLAWS: No Report

34: HISTORICAL: No Report

A motion was made by K. Zimmer and seconded by L. Lutz to accept the Committee Reports as presented. Motion carried.

OLD BUSINESS:

BYLAWS CHANGES: A review of the changes that has been proposed to the Life Members by-laws changes that have been reported in the Clairifier along with all of the changes to clean up the wording in the by-laws to bring it into the 21st Century. Kelly Zimmer has typed up the proposed clean up verbiage and all of this has been/will be in the Clairifier and on the WWOA website.

REVIEW OF BEO’S: Michael Jubert and Scott Dettman joined the BOD meeting to review the proposed BEO’s. Discussion ensued on what was required for each day, each meeting, etc. Michael Jubert noted all the changes and updates. He will put into the BEOs and send an updated copy to Karen Harter.

NEW BUSINESS:

Karen advised that WWOA was invited to have a complementary booth at the September WWA Conference in La Crosse. Everyone thought this was a good idea and that Karen would man the booth. WWA conference is Wednesday, September 17th and Thursday, September 18th.

ADJOURNMENT: There being no further business, J. Simpson made a motion to adjourn, J. Smudde seconded the motion. Motion carried.
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6737 W Washington St., Suite 3440
Milwaukee, WI 53214
Jon.butt@symbiontonline.com
Office: 414-291-8840
2015 WWOA Award Nominations

It's time to start thinking of those around and who should be recognized for their contributions to their community and the Wastewater industry. As WWOA does every year, we turn to you to submit nominations for the following award categories:

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 WI. 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 should 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 should be a five year member of WWOA.

Take a minute and think about those that work around you, either at the same facility or maybe a neighboring community and more than likely you will find someone that fits one of the above award criteria and should be nominated for a chance to be recognized at the WWOA Annual Conference.

Also in considering nominees for the Regional Operator of the Year Award, think about those that you may not even see very often from the small communities around you. Even though they may not be able to participate or attend many WWOA state or Regional functions, this often is a reflection of the extensive duties of their job and also the commitment that have to their community and only magnifies the credit they deserve for their work in the industry.

The nomination form and instructions for all the awards can be found on the website or by contacting Lyle Lutz (email LLutz@ploverwi.gov or call 715-345-5259). A nomination form is also included to the right on page 33. Please note that the Regional Operator of the Year Award nominations should be submitted to the Regional officers listed on page 34 of this issue of the Clarifier by July 3rd, and all other awards need to be submitted to me (Lyle Lutz) by August 1st for consideration.

Feel free to contact me if you would like any further information on the awards, application procedure, or even if there is a question on 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,
Lyle Lutz,
2015 WWOA Presi. Elect and Awards Chairman
WWOA Award Nomination Form

Deadline: August 1, 2015, except Regional Operator July 3, 2015

Check Award Nomination: Bernauer _____ Crabtree _____ Newcomer of the Year _____ Service_____
Regional Operator _____ (regional affiliation) ________

Nominee’s Name __________________________ Address: __________________________________________
City: __________________________ State: __________________________ Zip: _______________________
Home Phone: __________________________ Work Phone: _______________________________
Employer: _____________________________________________________________
Occupation/Job Title: ___________________________________________________
Date Joined WWOA: __________________ WWOA Membership Number: _____________
Regional Affiliation: ___________________ Regional Officer Position(s) _______________

Brief Description of Nominee Activities and Achievements: (attach sheets if needed)
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Why Do You Feel Nominee is Deserving of Award Being Nominated For?
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Please Complete the Following:
Submitter Name: ___________________________________________________________________
Address: __________________________________________________________________________
City: ______________________________________________________________________________
State: _______________________ Zip:_________________

Please mail or email nomination forms –
For Bernauer, Service, Crabtree, and Newcomer of the Year

Lyle Lutz – President Elect
Village of Plover
P.O. Box 37
Plover, WI 54467
Work 715-345-5259
LLutz@ploverwi.gov

Mail or email Regional Operator Awards nominations to: See page 34 for each regional submittal contact.
Regional Operator awards contacts are the regional chairs unless otherwise noted:

Lake Michigan Chair
Josh Steffeck
Robert E. Lee & Associates
4664 Golden Pond Park Ct.,
Hobart, WI 54155
jsteffeck@releeinc.com
(920) 662-9641

North Central Chair
Andy Ott
Marshfield WW Utility
2601 E 34th Street,
Marshfield, WI 54449
andrew.ott@ci.marshfield.wi.us
(715) 591-2022

Northwest Chair
Barry Bassett
1165 Saint Anthony Street,
Cumberland, WI 54829
andrew.ott@ci.marshfield.wi.us
(715) 822-2951

Southern Chair
Nate Tillis
City of Waukesha
600 Sentry Drive
Waukesha, WI 53186
ntillis@ci.waukesha.wi.us
(414) 507-1140

Southeast Chair
Dean Falkner
Mukwonago WWTP
PO Box 206,
Mukwonago, WI, WI 53149
dfalkner@villageofmukwonago.com
(262) 363-6416

West Central Chair
Steve Skinner
156 East First Street,
New Richmond, WI 54017
Stevskinner9@gmail.com
(715) 246-2726

The regional awards committees are to forward the selected nominee to Lyle Lutz by August 1, 2015 for approval by the board.
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