Black River Falls Wastewater Treatment Facility

49th Annual W.W.O.A. Conference
October 6-9, 2015
Kalahari Resort, Wisconsin Dells
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2014 - 2015
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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: Resolutions, nominations, opportunities

Did anyone make a New Year resolution for 2015? Seems I have made them in the past, but have a hard time sticking with them. This year I am determined to make some changes in my life. I will make more time to spend with my daughters and my husband Andy. Time goes so fast & life is a gift – enjoy each and every minute you can.

Seems the weather was not real winter-like for Wisconsin until the new year. Now it’s returned with a vengeance to remind us just how brutal it can be. With this cold weather, challenges increase for all types of treatment facilities. It doesn’t matter what size the facility, things just don’t want to operate biologically and/or mechanically when it is cold (myself included!). Personal risks increase as far as slips and falls, and fatigue can play a major role during the shorter and colder days. Remember to take the time to ensure your safety.

Upcoming training opportunities are posted on our WWOA website (wwoa.org). Several Regional meetings are listed. The Government Affairs seminar is on Thursday, February 26th at the Marriott Madison West in Middleton, and on March 17th, the Spring Biosolids Symposium will be held at the Holiday Inn in Stevens Point. Thanks to all who put in effort to make these training opportunities available to our members.

Speaking of the WWOA Website, we are working with our website designers to bring an improved site, both in functionality and with an all new visual look in the near future. One of our aims is to make the website more usable on mobile devices. The toolbar and menu items will be streamlined, and navigation around the website will be much more user friendly. We are working to have this completed in time for the 2015 Conference registration.

Sharon Thieszen, WWOA Vice President and 2015 Technical Chair, has been actively getting things in line for the upcoming 2015 Conference to be held at the Kalahari in Wisconsin Dells from October 6th through the 9th, 2015. Don’t forget to make your hotel reservations. Information for reservations is also available on our website.

I would like to remind all of you to please take some time to think of someone who could be nominated for one of our many WWOA awards. The nomination forms are on the WWOA website and very easy to fill out. There are so many deserving people, and it baffles me that we do not receive more nominations each year. Being the Awards Committee Chair last year, I experienced first hand what emotions were felt when a nominee was called to come up and accept their award. If you need assistance, please contact Lyle Lutz.

Also, it’s never too early to start planning for the 2015 Operators’ Competition. The last couple years we have had many teams participate and Jeff Bratz coordinates great activities for the competition. I would ask that the Regional directors start thinking of assembling a team to participate in the 2015 competition.

Is it too early to say ‘think Spring’? Stay safe and until next time, take care! 🍃

Kelly
WWOA President
Ward Holz’s legacy (1926-2014)

Ward Holz started his career in a completely different time in the water industry; the Clean Water Act (1972) had not yet been enacted, and the Wisconsin Wastewater Operators’ Association (WWOA) was still known as the Wisconsin Wastewater Works Operators Conference, Inc. (WWWOC). Wastewater treatment plants were not governed by discharge permits, and operators were not certified. Much has changed since then, due to the foresight of Ward and a number of key professionals across the state. These visionaries saw the opportunity in the WWWOC to develop an educational resource to regulate and enhance operator training. This goal quickly became the WWWOC’s mission, or as some folks would remember, Ward’s personal goal. The association saw increased membership, as operators were required to obtain DNR certification and ongoing training credits to renew their membership. Ward embraced this growth as an opportunity, and became the Executive Secretary for the association.

Ward was born in Green Bay, Wisconsin, on July 2, 1926. After high school, he entered the military, serving in the United States Army Air Corp. during World War II. After discharge from the service, he attended the University of Wisconsin–Green Bay Extension. In 1951, he graduated from University of Wisconsin–Madison with a degree in Bacteriology and Chemistry.

In 1950, he married his beloved wife Mary Ellen. After raising nine children while holding a part time career as a nurse (and later Head Nurse), Mary Ellen joined Ward at the WWWOC, assisting with registration and other functions within the association. Their family legacy lives on with 17 grandchildren and 10 great-grandchildren to date. Ward was very active in his community, yet he reserved time to devote to Mary Ellen, his lovely wife of 64 years, and their family. It was evident while attending Ward’s wake that he and Mary Ellen had fostered a strong family. This culture of family values is perhaps why Ward encouraged operators to have their families attend association meetings.

Ward began his career at Green Bay Metropolitan Sewage District, and later spent six years with Upjohn Company in Kalamazoo, Michigan. In 1956, he joined Zimpro Inc. in Rothschild, Wisconsin as Plant Operation Manager, responsible for startup and operation of many Zimpro installations across the country. Fellow employees remember his love of the business, sense of humor, and close friendships with colleagues and customers alike. Ward retired from Zimpro in 1984, having served the company from its infancy to its position as an industry leader. During his employment with Zimpro, Ward had the opportunity to serve 10 years as secretary/treasurer of WWWOC (1971-1981), and after retirement accepted the position of Executive Secretary for the WWWOC until 1991. His duties there helped him become the face of the WWWOC.

Ward also volunteered his time on local commissions which included the Rothschild Police and Fire Department, Rib Mountain Metropolitan Sewage District (RMMSD), and Seven Island Lake Association. While serving as Commissioner for RMMSD, Ward continued to attend WWWOC/WWOA meetings. A fellow Commissioner commented that it was amazing to observe Ward say hi to nearly everybody attending a meeting, who all benefitted from Ward’s wealth of knowledge and experience.

As I close this final chapter on Ward Holz’s legacy, we wish Mary Ellen and family our deepest condolences. We would be remiss not to thank Ward for his years of service and unflagging dedication for our profession and WWWOC/WWOA. If WWWOC/WWOA had a “hall of fame” I would wholeheartedly recommend that we name him to it and retire his membership number. Perhaps better yet, we could name our Service Award or student scholarships in memory of Ward Holz.

From all of us, thank you Ward.

Notes prepared by Joe Gehin.
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Black River Falls wastewater treatment facility

Designed by Mead, Ward, and Hunt, the original wastewater treatment plant serving the City of Black River Falls was constructed in 1940. The original design consisted of merely a control/headworks building and a clarifier.

In 1972, the WWTP was upgraded to an activated sludge process. A laboratory was added to the office area of the existing control/headworks building. This upgrade also included the construction of aeration basins, a blower building equipped with Roots blowers, an anaerobic digester, and rectangular final clarifiers. Chlorine was utilized for disinfection. Additionally, a lift station was constructed to service a small section of the city located in a low-lying area unable to be served by normal gravity flow.

In 1990, another upgrade brought numerous changes and additions to the WWTP. New additions included the construction of a new aerobic digester, chlorine contact basin, two circular final clarifiers, a gravity thickener, and a garage, which housed the newly purchased sludge hauling truck.

The existing anaerobic digester was eliminated with the addition of the aerobic digester. New Roots blowers were purchased to provide an adequate volume of air to the three aeration basins and the newly constructed digester. With the addition of the new final clarifiers, the existing final clarifiers were converted to primary clarifiers. New Dorr Oliver diaphragm sludge pumps were installed to pump the settleable solids from the primary clarifiers to the aerobic digester. The overflow from the aerobic digester traveled to the gravity thickener. The thickened sludge from the gravity thickener would then be hauled away and land spread. The supernatant from the gravity thickener would return to the head end of the plant for additional treatment. However, the sludge truck was sold in 1995 and the sludge hauling was once again contracted.

The new chlorine contact basin included a channeled design, which increased detention times. The chemical feed system was also upgraded. Disinfection was achieved through the use of gas chlorination while dechlorination was accomplished through the addition of sulfur dioxide.

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In 1998, a biological phosphorus removal tank was constructed prior to the aeration basins. Primary effluent is mixed with return activated sludge, which then enters the anoxic zone provided by the phosphorus removal tank, thus beginning the biological phosphorus removal process. Furthermore, the installation of ferric chloride addition capabilities provided a chemical phosphorus removal back-up to the biological process.

In an effort to increase cost savings in respect to contracted sludge hauling, a Vulcan rotary sludge thickener was installed in the garage, along with a liquid polymer feed unit. These installations were capable of producing a thickened sludge of approximately five percent solids. This proved to be a much more cost-effective process. The construction of a 10,000 gallon sludge storage tank allowed for the storage of approximately three days worth of thickened sludge under normal plant operation.

In 2005, the chemical addition of gas chlorine and sulfur dioxide was replaced with a Trojan UV system. Modifications were made to the chlorine contact basin to house the UV unit. Furthermore, with the addition of a new 60 lot subdivision within the city, a new lift station was built to serve a portion of the new development.

In 2007, due to the age, maintenance, and safety issues involved with the original control/headworks building, a new control/headworks building was constructed. The new building included a new office area, a larger laboratory with updated equipment, a new MCC panel and SCADA, and a bathroom containing a shower and laundry facilities.

The new headworks consisted of a wetwell with three Fairbanks Morse 20 hp submersible pumps, a wetwell mixer, a Huber vertical fine screen, a Pista-Grip grit decanter, and a grit classifier. The addition of a separate chemical room housed the chemical pumps and tanks for ferric chloride and caustic soda.

Additional plant upgrades included the installation of aluminum domes over the final clarifiers, a new 250KW generator, a new blacktop driveway, and the remodeling of the original control/headworks building for storage and a workshop.

In 2014, WWTP personnel worked closely with Xylem to install a wide-range of equipment with the intent of increasing operational effectiveness and efficiency, while achieving energy and chemical cost savings.
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Actuator valves were installed on the WAS and RAS lines, VFDs were installed on both a 25hp and a 50hp blower, a dedicated air line was installed to the aerobic digester, and ammonia, DO, basin MLSS, and RAS suspended solids probes were installed to provide continuous monitoring data.

This data is relayed to an updated SCADA system controlled and monitored via laptop. These values, along with programmed parameters, are utilized by the SCADA system to provide continuous automated operational adjustments.

The actuator valves allow an automated adjustment of WAS and RAS rates to achieve and maintain desired MLSS concentrations and/or sludge age. The VFDs allow the SCADA to automatically control blower output, optimizing DO concentrations while saving costs with decreased energy consumption.

The dedicated air line to the aerobic digester affords a higher level of DO control between the course-air diffusers of the digester and the fine-air diffusers of the aeration basins. Lastly, a phosphate analyzer was purchased through Mulcahy Shaw and installed to automatically adjust ferric chloride and caustic soda dosages based on periodic effluent T-Phos analyses. This analyzer periodically samples and analyzes the effluent for T-Phos concentration.

The analyzer then utilizes a 4/20mA signal to control the variable speed chemical pumps, adjusting chemical dosages to coincide with the T-Phos concentration analyzed by the unit. The goal is to realize a measurable decrease in chemical usage and costs.

ADDITIONAL INFORMATION:
STAFF – Rick Weikel – Lead Operator
Billy Benz – Operator

City of Black River Falls WWTP lab analyzes: BOD5, suspended solids, T-Phos, ammonia, potassium, pH, and fecal coliform.
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IN CONTROL Successful operations through process control
V. Phosphorus treatment optimization: Solids separation – How low can you go?

By Jack Saltes Wastewater Operations Engineer Wisconsin Department of Natural Resources

Let’s assume a treatment plant designed and operated for BPR is doing an exceptional job in removing phosphorus from the wastewater thus achieving low levels of effluent phosphorus. But where did all that phosphorus go? Yes, it’s now in the solids. From my last article I wrote about what happens in the aeration basin (excess phosphorus uptake). You now have a sludge loaded with phosphorus. Let’s try to really understand the importance of this concept. Separating and removing solids from the liquid treatment train is the key to meeting effluent phosphorus limits, especially low limits.

If the mixed liquor suspended solids from a biological phosphorus removal (BPR) process contains 3-5% phosphorus (which one can expect) then even a “clear” effluent of 10 mg/l TSS will contain 0.3-0.5 mg/l P. The graph on page 14 helps illustrate how low you would need to go in effluent TSS to achieve an effluent P of < 0.1 mg/l! Yes, low. Very low! Very, very low! And that assumes you removed all the soluble reactive phosphorus and have very continued on page 14
Do your valves clean themselves and seat in a new position each time?

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little soluble non-reactive phosphorus in your effluent. Now you can understand the treatment challenge.

Low level phosphorus removal comes down to solids separation. As good as your biological and/or chemical phosphorus removal is, solids removal is equally critical. Conventional final clarifiers and tertiary filters, operating optimally, may get you down to .5 mg/l P on a consistent basis, but to obtain .1 mg/l or less, additional treatment technology is needed, such as some type of pressure filtration system (membrane bioreactors, reverse osmosis, ultrafiltration), fine cloth disc filters or other patented processes.

So, to consistently achieve meeting a phosphorus limit, whatever the limit is, it is extremely important that you optimize your upstream processes, especially your biological treatment processes to get the best settling floc you can possibly can.

If activated sludge, find the best MLSS level, sludge age and F:M ratio that give you the very best settling floc. Remember, the better the settling, the less TSS in your effluent, and the less P in your effluent. Simply put, less effluent TSS means less effluent phosphorus.

Happy New Year! As we start another year, take it easy on the mixed liquor. May you and your bugs have a new year of being more settled and clear, every day!
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McMAHON receives American Concrete Pavement Association’s “Excellence in concrete pavement” award

NEENAH, WI - Congratulations to McMAHON and the rest of the project team for receiving the National Gold Award from the American Concrete Pavement Association for the STH 96 Project in Little Chute, Wisconsin. McMAHON’s 1st Place was in the Municipal Streets and Intersections (>30,000 SY) category. This award recognizes the STH 96 project for outstanding design and construction.

The $3.7 million dollar urban construction project involved reconstructing a 1.5 mile urban segment of Main Street (STH 96), from Jackson Street to the village limits in the Village of Little Chute, Wisconsin. The main purpose of the project was to replace the deteriorated pavement and undersized storm sewer system.

The proposed improvement incorporated various sections. These sections ranged from 40’ wide pavement with 2 travel lanes, bike lanes, and on street parking on one side to a 46’ wide pavement with 2 travel lanes, a bike lane, and a Two-Way-Left-Turn-Lane. Reconstruction of this corridor required an extraordinary level of planning and construction effort to deliver and minimize the impacts to the 29 businesses and 110 residential properties within the project limits. The major items of work on the project consisted of

continued on page 17

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concrete pavement removal, excavation and over 38,000 SY of new concrete pavement. Additionally, nearly three miles of new storm sewer pipe and laterals were installed. Other items included sidewalk and driveway installation, sod restoration, and several different decorative amenities. Construction began in May of 2013 and was completed in October 2013. A true partnership was forged all parties involved, and every aspect of the project from conception to completion was carefully thought out, well executed, and a huge success. The Village of Little Chute has a revitalized corridor which will spur business redevelopment for many years to come thanks to the commitment of all parties involved.

American Concrete Paving Association’s “Excellence in Concrete Pavement” awards have honored quality concrete pavement projects constructed in the United States and Canada. The awards program encourages high-quality workmanship in every concrete pavement project and serves as a forum for sharing information about highly successful projects. The National awards recognize the contractors, engineers, and owners whose efforts yield the best pavements in airports, highways, and street and road applications, as determined by an independent panel of judges.

ACPAs 25th Annual National Excellence in Concrete Pavement Awards presentation was held December 5, 2014 at the Hyatt Regency Resort in Scottsdale, Arizona.

PROJECT TEAM:
Owner: Village of Little Chute & Wisconsin Department of Transportation
Design Engineer: McMAHON
Construction Engineer: Mead & Hunt
Contractor: Vinton Construction

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Wausau hosts Dec. 11 Lake Michigan district meeting

Rosie Figas, Village Board Member of the Village of Wausau, welcomed the members to the Village and gave a brief history of Wausau.

Jon McClean of Engineering Treatment Systems, LLC presented on UV systems and how the light is generated to allow the process to work. Jon explained how the UV works on disinfection and how it destroys the microorganisms. The types of lamps and the spectral output works were reviewed, as well as the design requirements. Major items that will not allow UV to work were reviewed in great detail. The presentation put a good light on UV and the pros and cons of the process.

Next on the agenda was Tom Kruzick of William Reid, Ltd., LLC. He presented on phosphorus measurement and control. Tom's presentation covered the chemical treatment fundamentals, chemical control strategy, and online analyzer. Tom reviewed why phosphorus monitoring is a key indicator of the environment water quality. Chemical treatment is a major process in removing phosphorus. Tom explained the pros and cons of chemical treatment and the sludge production associated with each treatment. Tom presented on the types of equipment and procedures needed to measure phosphorus and the case histories of each procedure.

Marc Stephanie called the WWOA LMD business meeting to order. Last quarter's minutes and Treasurer's report were approved. The Operator competition at the state convention was reviewed and tuition assistance for operators taking continuing education classes was explained.

Elections for Vice Chair for 2015 were held with Dustin Jerabek becoming elected. Josh Steffeck was elected as the new Secretary/Treasurer. Steve Woodworth, from the City of Oconto, was named Operator of the Year for the Lake Michigan District. Richard Sachs of the WDNR advised that the new WDNR exam date is July 1, 2015, and to check the WDNR website for future updates.

continued on page 19
2015 conference exhibitor Registration Opens Feb. 16

We are pleased to announce the Exhibitor Registration for the 2015 49th Annual WWOA Conference will start on Monday, February 16, 2015. By bringing the exhibitor registration forward, we felt it would give the exhibitors/vendors a head start on planning for the 2015 WWOA Conference.

This year’s conference will run from October 6 through October 9, 2015 and will be held at the Kalahari Resort in Wisconsin Dells. Exhibitor information and applications will be mailed/mailed out to exhibitors/vendors starting on February 5th and will be available for downloading from the website as well. Early registration will run through Sunday, May 31, 2015. On June 1st, cost for exhibiting will go up.

WWOA is in the process of re-designing the website. The new website and on-line conference registration will not be ready until summer when attendee registration opens. Because of all the work that is going into these changes and that the Exhibitor/Vendor Registration has been brought forward, all exhibitor applications must be mailed in this year. All of the necessary paperwork will be included in the packets that will be mailed/mailed and on-line for downloading. Never fear, the current website is still available and you will be able to download the Exhibitor Application form with no problems.

Cost for exhibiting this year will be $425.00 for applications received prior to June 1, 2015. On June 1st the cost goes up to $625.00. A sponsor fee of $125.00 per booth is included in both of these costs. Booth cost includes:
- One Conference Registration
- Booth Drapery
- Table with Drapery and 2 Chairs
- One 120v AC 500 Watt Outlet
- Sponsor Fee

Everyone staffing the booth must register, but at this time we will only be taking registrations for the exhibitors, plus that one conference registration that comes with the booth. Registration for all booth staff will open in June when the attendee registration opens on-line and via mail.

If you have any questions or need any more information, please email Tom Mulcahy at tmulcahy@mulcahyshaw.com or contact Karen Harter, WWOA Executive Secretary at secretary@wwoa.org or 608.355.3081.

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Bruce Oman of the WDNR gave a presentation on CMOMs. The presentation covered the requirements of the CMOM and the date of August 1, 2016 when the CMOMs are due. The components of the CMOM were covered in great detail. The “big three” major items for the CMOM were legal authority, O & M programs, and emergency response plan. 

continued on page 20
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

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continued from page 19

Bruce reviewed each section and how the report addresses the components of each one of the “big three” Bruce reiterated that CMOMs should be started as soon as possible to meet the deadline. At the end of the presentation, Bruce presented a picture of Jack Saltes with a few acronyms on Jack not being able to give the presentation. Bruce’s presentation was outstanding and very thorough.

The last presentation was by Thad Lawrynk of Underground Specialties. Thad presented on the different methods used to remove I/I from manholes and sewer systems. Thad gave examples and picture of systems that have been used to reduce I/I. Thad’s presentation also addressed when to use what system and what systems do work.

Pam Heritsch, Wausaukee Wastewater Treatment Plant Operator, gave a presentation on the history, capacity, and the operation of the wastewater treatment plant. A plant tour followed the presentation.

The next meeting will be in Waupaca on February 19, 2015. Special thanks to Wausaukee for hosting this meeting.

2015 Clarifier Deadlines

April 2015 deadline is March 13
June deadline is May 15
September deadline is August 7
December deadline is November 13
Mark your calendars: Spring Biosolids Symposium March 17

Wear your green and be on the watch for leprechauns because the Symposium will be held on Tuesday March 17, 2015, at the Stevens Point Holiday Inn.

Another excellent program is in store with speakers on regional, state, and local biosolids issues. A diverse set of topics are included in this year’s symposium ranging from the impacts of TMDLs on land spreading, to dealing with wipes.

Make your plans now to attend the nationally acclaimed Spring Biosolids Symposium, March 17, at the Stevens Point Holiday Inn.

2015 Spring Biosolids Symposium Program

- 8:00 am  NR 151: Runoff Management/Land Application
- 8:35 am  TMDL Impacts on Land Application
- 9:05 am  Aerobic Digestion
- 9:25 am  Advanced ATAD
- 9:45 am  Class A 2 Stage AD with Steam
- 10:25 am Pathogen Regrowth Update
- 10:55 am Bio-P; digestion, and dewatering: Unexpected Consequences
- 11:25 am Reed Bed Sludge Treatment
- 11:40 am Reed Beds Sludge Dewatering
- 11:55 am Invasive Phragmites Impacts
- 1:00 pm  A Michigan Biosolids Perspective
- 1:30 pm  Enforcement: A DNR Attorney’s Perspective
- 2:00 pm  Septage Enforcement Impacts at WWTFs
- 2:30 pm  Servicing Event Requirements
- 2:45 pm  Servicing - A County Perspective
- 3:00 pm  Dealing with Wipes
- 3:15 pm  DNR Update

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Moraine Park Water Quality Technology Courses

Hope all of you have had a great holiday season and some winter fun and this article finds you in good health. To all those passing their exams this last cycle, congratulations, it was great hearing from all of you that have taken recent courses.

Our courses are starting again. This is a great time to plan on either a continuing education course or a certification exam preparatory course. If you know of anyone desiring to take a course, please share this email with them and or post for other colleagues to see. There are still seats available, so register ASAP. Use the course number on the schedule for ease of registration. If having a problem registering, please feel free to ask me for help as I will direct you to someone that can resolve those problems. After registering, expect a letter explaining meeting times, room location, and a map, the week prior to the course start date.

The following is a link to our certification preparatory courses http://libs.morainepark.edu/docs/academic-affairs/ww-operator-schedule.pdf Not only will they prepare you for the exam with specific exam related information, the courses can also be used for continuing education.

Moraine Park also has a two year Water Quality Technology Associate of Applied Science Degree program. This is an online program, so you can complete it in the comfort of your home, or where your computer takes you. This is a great program for those wishing to enter the profession as well as those in the profession that hope to advance their standing within an organization or to increase their potential for desired career placement. Advanced standing is available to those already working in the career field. If you have interest in furthering your education our accredited program is also transferable to a number of four year colleges. Water Quality Technology program link: http://www.morainepark.edu/programs-and-courses/programs-of-study/Water+Quality+Technology/

If you have problems accessing the links, try the MPTC website at: www.morainepark.edu

If you are an employer and desire interns, we may have the student to fit your need. Just let me know, and I will relay the information, as many students plan ahead for spring and summer internships.

Well, I certainly hope this email finds all of you enjoying the recent warming trend, and if you have any questions, do not hesitate to call or email.

To register for a course call 1-800-472-4554 or 920-924-3207.

Take care and enjoy! See you in class. Mark

Mark A. Schmidt, Water Quality Technology Instructor
Moraine Park Technical College
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**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
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Plover, WI 54467
Work 715-345-5259
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Mail or email Regional Operator Awards nominations to:
See page 25 for each regional submittal contact.
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Or give me a call and we will figure something out.
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Jon.butt@symbiontonline.com
Office: 414-291-8840

The front cover of every issue includes the following statement:

“The Clarifier is the publication of the Wisconsin Wastewater Operator’s Association and is intended to inform and educate the membership on issues related to the treatment and control of wastewater. All members are encouraged to contribute to the mission of the Clarifier.”

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North Central Region Steering Committee Meeting
Mosinee, WI December 2, 2014

Attendees: Chris Helgestad, Ken Bloom, Terry Vanden Heuvel, Rich Boden, Katie Gruber, Andy Ott, Joe Gehin, Dave Erickson.

Terry Vanden Heuvel called the meeting to order at 11:15 am. He welcomed Joe Gehin, the newly elected Steering Committee member. The Treasurer’s report was reviewed. The Region has a fund balance of $3,871.93.

Ken Bloom recommended transferring $500 from the Region's checking account to the Escrow account with the State WWOA. Joe Gehin motioned, seconded by Chris Helgestad, to transfer the funds as recommended. The motion was approved.

The Committee discussed taking credit card payments. They can be taken but are processed through the WWOA Executive Secretary, which somewhat awkward. The committee will explore alternatives further if there is more demand to process credit card payments.

Rich Boden announced he will serve out his term, which ends in 2015, and not run for re-election. Chris Helgestad agreed to serve as Secretary Elect to ensure a smooth transition. The 2014-15 Officers were selected as follows: Andy Ott – Chairman
Katie Gruber – Vice Chairman
Ken Bloom – Treasurer
Rich Boden – Secretary
Rich Boden and Andy Ott are serving the final year of their terms.

Wausau will host the winter meeting on Tuesday, March 3 at the Great Dane. Local arrangements were discussed. There should be plenty of room for vendor exhibits.

The program was discussed. Boden stated that Amanda Minks is hoping to present workshops on adaptive management and trading options for meeting low level phosphorus limits. Several other ideas related to the Wisconsin River TMDL were discussed. Speakers will be contacted to follow along this theme.

The spring meeting will be hosted by NCL in Birnamwood. The topics will be related to laboratory. Mike Raynovic has prepared a draft program, which was approved by the group.

Minocqua or New Lisbon were suggested as possible sites for the summer meeting. Community representatives will be contacted about hosting.

UWSP is interested in hosting another workshop. A CMOM workshop was one possibility. Future meeting topics include safety, GIS planning and implementation, a GIS panel presentation.

The Steering Committee congratulated Travis Dulek, Casey Jakubek, and Joel Goham on their participation in the 2014 competition. Bloom will distribute gifts cards for the competitors as has been done in the past. Travis, Casey, and Joel, are willing to compete again. Jason Schill and Chris Helgestad expressed interest in competing again. The committee agreed to field a second team from the region, if enough members can be found.

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continued from page 28

Katie Gruber agreed to coordinate vendor sponsors for the team and offer to place decals on team hardhats.
Ken Bloom inquired as to how long the Region held financial records. He will contact Karen Harter for a recommendation.

The issue of how to get better response for Operator of the Year nominations was discussed. The idea of having the Steering Committee make nominations was discussed. No action was taken.

Terry Vanden Heuvel proposed taking video of presenters during meetings and posting the video to YouTube. The idea was discussed. The Committee will get feedback from presenters on this idea. Terry thanked the group and expressed his enjoyment to be involved on the Steering Committee during his years of service.

The Steering Committee commended Terry and thanked him for his dedication and service to the group. The meeting was adjourned at 1:15 pm.

Submitted by Rich Boden, NCR Secretary
Heart of the Valley Names New District Manager

The Heart of the Valley Metropolitan Sewerage District is very pleased to announce Mr. Glen Geurts as its new District Manager.

Mr. Geurts will assume his new duties with the District on January 1, 2015. He succeeds Mr. Mark Surwill who is retiring after serving the District as Manager for the past 17 years.

Mr. Geurts has been an employee of the district for 31 years. He had served as the plant’s Laboratory Director, before becoming the Plant Superintendent 13 years ago. In that role Mr. Geurts was responsible for the day-to-day management of the wastewater treatment plant operations.

The District’s Commission selected Glen from a very large and highly qualified field of applicants.
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