City of Hartford Wastewater Treatment Facility

42nd Annual W.W.O.A. Conference
September 30 - October 3, 2008
Holiday Inn Hotel & Convention Center
Stevens Point, WI

HOST:
Stevens Point Wastewater Treatment Facility
President’s Message

The September issue of “The Clarifier” is traditionally the month that highlights the upcoming Conference. As early as May the conference agenda and events have to be ready for print so this booklet can be mailed out to you in August. I just received an electronic version of the final draft of the conference booklet that Bruce Bartel, 2008 Technical Committee Chair, put together for this year’s event. Without taking too much of the wind out of Bruce’s sail, I would like to share some information about this year’s event in this issue.

First of all, you will find a new format this year in how the conference information will be sent to you. All the information will be sent in a booklet form instead of separate flyers in an envelope. This booklet should have all the information you need to register for pre-conference events, Golf Outing, Sporting Clays, Spouse’s Program, and the other conference events.

Please make an effort to come to the events at the pre-conference. Kim Halverson and Eric Niffenegger, who are responsible for local arrangements this year, put to great program. Kim secured “Sentry World Golf Course” for the golf outing. The golf outing is September 30 this year so you golfers should see a beautiful course with many of the plantings still in bloom as what the course is noted for. Kim and Eric also put together a very entertaining Spouse’s program so bring your wife, husband or friend. To match the premier Golf course, our 2nd Annual Sporting Clays event will take place at Pine Ridge of Wautoma which is a very picturesque 500 acre complex that is located about 35 miles from the conference site. If timing is right you should be able to finish Sporting Clays to make it back for the pre-conference sessions that start at 1pm. This year’s presentations will highlight Maintenance/Troubleshooting and Laboratory Math without fear.

To open the conference a local Wisconsin Sport Personality will deliver the keynote address that you all should enjoy.

The technical program should have more than enough material to cover everyone’s educational needs with three concurrent sessions covering many timely topics. A very interesting discussion of wastewater in the far north will complete the conference with the Friday Farwell Breakfast.

I hope many of you will be able to make it to the Annual Awards Banquet on Thursday night or at least make it to the entertainment after the banquet. I will guarantee that only a few of you will be sleeping with this year’s performance. I am going to have to leave it at that. Check out your conference booklet when it arrives or the September Issue of “The Clarifier” for more details of the 42nd Annual W.W.O.A. Conference and I’m sure you will be looking forward to the event as much as I am.

Jim Thalke

**WWOA Conference Schedule**

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Like many Wisconsin communities, the City of Hartford, in eastern Washington County, has a history closely linked to its local water resources. Early explorers of European descent appreciated not only the natural beauty of the Pike Lake area, but also the potential power source of the Rubicon River. Construction of a dam and sawmill in 1844, the center of what is now the City of Hartford hastened development of the area.

Hartford’s first sanitary sewers were built in 1890, and discharged directly into the Rubicon River. In 1924, the first wastewater treatment facility (WWTF) was constructed consisting of primary clarification, trickling filters, a secondary clarifier and an anaerobic digester to further treat the collected solids. A 1931 expansion used this same technology.

But everything changed when the Rubicon River in the City of Hartford was classified as a Class A Trout Stream. In 1968, the City was notified that they needed to meet these new water quality standards. To add to the complexity of the task, Hartford had the largest deer hide processing plant in the United States, and one of the largest vegetable processing facilities in Wisconsin. Both facilities produced large amounts of high strength wastes that needed to be processed at the new facility. Now the City was challenged with developing a plan for their new wastewater treatment facility to meet water quality standards more stringent that had ever been required in Wisconsin. The City hired Ruekert-Mielke for assistance in planning and designing a new wastewater treatment system capable of complying with these standards.

In 1972, Ruekert-Mielke designed Wisconsin’s first two-stage phosphorus removal system and the state’s first rotating drum microscreen effluent filters to meet this high level of water quality. The progression of moving from well-known secondary treatment processes to advanced processes called “tertiary treatment” had begun. The facility was designed as a 2 million gallon per day (MGD) tertiary treatment facility by construction of two activated sludge treatment tanks, with aeration tanks in a concentric arrangement around a clarifier in the center. This project included a 10 million gallon polishing pond, two revolutionary rotating drum microscreen effluent filters and a two-stage phosphorus removal system. The microscreens, manufactured by Sanitaire Corp. of Brown Deer, Wisconsin, utilized large, partially submerged drums which held woven polyester filter media on the periphery, through which the polishing pond effluent passed. Filtered solids, including chemically precipitated phosphorus, accumulated on the face of the filter media panels. The filter drums turned on a horizontal axis, as filtered solids were first lifted out of the water, and then flushed off the media into collection troughs which conveyed the solids laden wash water back to the head of the WWTF for retreatment.

The screens were intended to produce a final effluent having less than 10 mg/l of biochemical oxygen.
demand and total suspended solids and less than 1 mg/l phosphorus. Though no longer needed because of the success of the Hartford WWTF in meeting its effluent standards, the revolutionary microscreens have evolved into a modern family of rotary disc filters that share many of the original microscreen characteristics. Technology embraced early in the 1970’s in the Hartford WWTF has evolved into modern wastewater filters produced in Wisconsin by Waukesha’s Envirex unit of Siemens Technology and by others worldwide.

The success of this facility also signaled the change from the requirement of meeting secondary treatment standards to the requirements to meet water quality standards of the receiving waters.

In 1998, the WWTF was enlarged and upgraded to an average design flow of 3.6 MGD. This generation wastewater treatment facility was designed to remove ammonia in addition to the traditional constituents of biochemical oxygen demand (BOD), suspended solids and phosphorus. Ruekert-Mielke was again the design engineer for this project. The new wastewater facility’s wastewater processing consists of preliminary treatment, secondary treatment, tertiary treatment and disinfection. Preliminary treatments include a new mechanically cleaned fine bar screen and screenings compactor to remove trash and debris, and three vortex-type grit collectors. Trash, screenings, and grit are compacted and dewatered, then deposited in a sanitary landfill.

Secondary treatment includes a three channel, “orbal” activated sludge oxidation ditch and two final clarifiers.
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The Hartford WWTF receives a significant industrial waste load, and the “orbai” oxidation ditch excels in successfully treating the highly variable wastewater loadings, while saving electrical power by turning down input aeration power when influent loadings are low during overnight hours and on weekends. Ruekert-Mielke designed a custom SCADA control system to monitor and control the aerators as well as most other WWTF control functions.

Tertiary treatment consists of deep bed anthracite coal filtration, followed by ultraviolet light disinfection. Finally, the effluent receives post aeration and effluent flow metering, and then is discharged into the Rubicon River.

Excess biomass produced in the activated sludge process is gravity thickened, then pumped to the biosolids storage building. There the biosolids can be gravity belt thickened and stored in a 2.5 million gallon liquid storage tank or pumped into sand drying beds. Alternately, the biosolids can be dewatered on a belt filter press. No matter how the biosolids are thickened or dewatered, all biosolids are ultimately distributed on agricultural land where it provides beneficial nutrients and organic matter to the soil.

The Hartford Wastewater Treatment Facility regularly produces effluent with near zero total suspended solids and ammonia, and less than 5 mg/l BOD, thereby improving rather than degrading the quality of the receiving trout stream.

The City of Hartford Wastewater Treatment Facility recently won a State of Wisconsin “Wisconsin Wonders of Engineering Award” in the American Council of Engineering Companies (ACEC) competition. The Hartford facility was named the best and most influential environmental project in Wisconsin in the Water/Wastewater category. This special award program was introduced to highlight engineering achievements in Wisconsin over the past 50 years. In selecting the “best projects in the last 50 years,” judging focused on how the projects made a positive impact on the health, safety, and economics of the state, as well as innovative engineering techniques or applications.

The evolution of wastewater treatment from the early days to today reflects the success that can be obtained through sound engineering. Ruekert-Mielke has been proud to be involved with this project for so many years. Protecting public health, improving the environment, introducing new innovations, and advancing engineering practices are the end results of this groundbreaking project.
A little over a year ago Madison MSD established a training program for the District’s current supervisors and managers. The training program incorporates a blend of MMSD-presented and Madison Area Technical College (MATC) courses to enhance the business and people management skills of the District’s leadership group. Presently there are 20 people participating in the 20 course program which is being offered about once a month over a two-year period.

The first year of the training has been very well received. So much so that MMSD has started Phase 2 of the same training for those who are not presently managers or supervisors. There are 21 District employees enrolled in the Phase 2 classes. To enroll for the coursework the Phase 2 participants completed a Personal Learning Plan (PLP) stating interest in learning more about supervising and managing. Participants also completed a commitment form acknowledging the two-year coursework. The Phase 2 participants were informed that while completing the coursework does not guarantee advancement into a supervisor or manager position, it would be beneficial for those interested in advancing into such positions.
1. President Thalke called the meeting to order at 1:05 p.m. Thursday, December 13, 2007. Roll call was taken. All Board members were present.

2. The minutes of the September 13, 2007 Board meeting were reviewed. After review, Bartel made a motion to approve the minutes with some minor changes. Thater seconded the motion. Motion carried.

3. McKee presented the Financial Statement for the Board’s approval. McKee reported that as of December 1, 2007 WWOA had $69,433.52 in revenue with $73,731.11 in expenditures with excess expenditures over revenues of $4,297.59. Carlson made a motion to approve the Financial Statement as presented, Bartel seconded the motion. Motion carried.

   a. McKee provided the Board with a list of vouchers for review and approval. After discussion, Bond made a motion to approve the vouchers as presented, Curtin seconded the motion. Motion Carried.

4. COMMITTEE REPORT

   a. Nomination - No report.

   b. Promotional - Carlson reported that he purchased $450.00 of new promotional items for display and sale. Carlson sold $621.00 including some of the inventory items that remained from previous years. Carlson thanked all those who volunteered to work the Promotions Booth and also everyone who made purchases. Carlson will get the WWOA lapel pins to McKee to be put in with the new member packet.

   c. Membership - McKee reported that there are 1930 members with 169 in arrears. McKee will send a copy of the arrears members to the Regional Officers.

   d. Scholarship - No Report.

   e. Executive Committee - No Report.

   f. Clarifier - No Report. McKee reported that Jon Butt is doing all the Clarifier invoicing.

   g. Career Development - Doerr and Thalke will be attending the Guidance Counselor conference in Stevens Point in February. Thalke will provide McKee with the information for registration.

   h. Awards - Bond stated that award pictures were sent to the Clarifier staff for the December Clarifier. Curtin provided the Board with a copy of the proposed limited criteria for the “Rookie of the Year Award”. After discussion the Board
directed Curtin to bring to the March meeting a detailed criteria and qualifications for the “Rookie of the Year Award” and the Board will address this award then. The Rookie of the Year Award would include both lab and operations. The criteria would include how the winner would be selected.

i. **Operator Training** - Rick Mealy has approached Carlson with topics for 2008. He is interested in providing training on the changes to NR 149. Ron Altmann of Walworth Co. Metro would like to see the WWOA sponsor a soils class. This class was given a few years ago. Gary Wolf from Applied Industrial Technologies is interested in providing a maintenance class. The Board instructed the Operator Training Committee to investigate sponsoring these classes.

j. **Directory** - McKee reported that the 2007-2008 Directories were available at the Conference in La Crosse. Tom Kruzick has asked to be put on the Directory Committee. McKee and Kruzick will be working on some major updating of the Directory for the 2008-2009 Directory.

k. **Publicity** - Doerr reported that the Publicity Committee has been busy submitting press releases to local community newspapers for the Regional Awards. Doerr provided the Board with a list of winners and the newspapers he contacted with October winners.

l. **Regional Coordinator** - Thater reported that he has been working with Bond on updating the award nominations for Regional Operator of the Year and the Region of the Year award process. Thater is working with the Regional Officers to ensure meeting brochures, reports, and minutes are communicated to him, the Board, the Clarifier, and the web site. Thater will encourage the Regional Officers to attend the March Conference Board meeting and the October Regional meeting at the 2008 Conference and to ensure submittal of their annual reports at that meeting. Thater provided the Board with a summary of the...
meeting schedule for each of the regions. Thater will update the Regional Policy Book. Thater discussed the involvement in the Municipals Utilities Legislative Rally. They are looking for an endorsement. Curtin stated that we can not sponsor or endorse, but we could provide it as an informational item on our web site. The Board requested that McKee get a legal opinion on sponsorships or endorsements if possible.

m. Government Affairs - Thater reported the Government Affairs Committee met on November 7, 2007 at Strand Associates in Madison. The Committee set a tentative agenda. Topics include: Keynote DNR Secretary Matthew Frank, NR 149 update final rule, legacy pollutants, Great Lakes Compact, TMDL panel, pharmaceutical drop-offs, transition planning, sustainable infrastructure, mercury PMP, and DNR update. The Committee hopes to keep the fee at $65.00 for pre-registration or restrict an increase to $70.00. The seminar will be held on February 28, 2008 at the Madison Marriott West. Bernie Robertson will chair the event for the WDNR.

n. Biosolids Symposium - Egge reported the Biosolids Committee meeting was on September 24, 2007. The Committee chair for 2008 is Bill Marten of CSWEF. Marten submitted a formal agenda for 2008. The Symposium will include a DNR Update, EPA Update, Centrifuge Regrowth, and Milwaukee PCB’s in Biosolids, Dane County Septage, UW Extension/Phosphorus Study Completion, Panel Discussion and The Tale of Two States. All speakers have been selected and the Committee is currently confirming the speakers. The Biosolids Symposium will be on March 18, 2008. McKee will make arrangements to provide a cash box, cash, and receipt book this year. McKee and Egge will talk to the hotel about the food for the Symposium.

o. Liaison - Egge reported the annual business meeting of the Wisconsin Section of Central States Water Environment Association was held on November 8, 2007 at the Holiday Inn Hotel in Fond du Lac, Wisconsin. Egge reported that there will be two Collection Systems Seminars; one in Watertown on June 5, 2008 and one in Marshfield on August 14, 2008. Egge reported that Curtin drafted a Memorandum of Understanding with the U.W. Library to purchase wastewater educational material. The U.W. Library will act as the lending agency and the WWOA and CSWEA will provide the wastewater educational material.

p. Web Site - Bartel reported that the Web Site Committee met in La Crosse at the Conference. Interesting ideas came out of the meeting. Unfortunately, Scott Thompson was unable to attend. The Committee has agreed to meet in Green Bay in January 2008. The Board pages have been updated for this year and photos of the award winners have been posted. Also the Regional Officers information has been updated. Scott Thompson reported the updating of the web site has slowed down because everything goes through GBNet for updates. WWOA gets billed for the updates. The Committee may be looking to changes to another provider. Eventually Scott is hoping that they give him more freedom to update the web site as needed. The employment and events pages have been the top two pages among the users.
When the Enbridge Pipeline Needed to Keep 500 Miles of Wisconsin Dry . . .

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visited the past few months. The Conference page was third in October, while the Region page was third in November.

q. **Technical Program** - Bartel reported that the “Call for Papers” will go out in December and will be published in the December Clarifier. The members of the Technical Program Committee have been set and the Technical Program Committee will meet in Stevens Point at the Holiday Inn on February 19, 2008. The Committee members are as follows: Richard McKee, Jim Thalke, Kay Curtin, Dave Carlson, Dale Doerr, Randy Thater, John Bond, Dennis Egge, Wade Peterson, Brian Helminger, Ron Austreng, Ken Sedmack, Troy Larson, Richard Mealy, Camille Johnson, Gary Hanson, Harlan Mueller, Gil Hantzsch, and Reid Snedaker. The Committee has selected the entertainment for the Awards Banquet. They have selected Dr. Jim Wand, a hypnotist. A discussion ensued. Peterson made a motion to sign the contract for $4,000.00 plus expenses with Dr. Jim Wand for the 2008 Banquet entertainment and send the $1,000.00 deposit to him at this time. Bond seconded the motion. Motion Carried.

The Committee has three thoughts on Keynote speaker. One is Larry McCarren, a former Packer Player and currently a sportscaster in Green Bay. The second is Tom “Sky” Skibosh. Tom used to be the media relations director for the Milwaukee Brewers. The third person is Eric Alexander from Higher Summits, out of Colorado. A discussion ensued. After discussion, Carlson made a motion to enter into an agreement with Larry McCarren as the Keynote for a cost of $2,500.00. Thater seconded the motion. Motion Carried.

r. **Exhibit Committee** - No report. McKee informed the Board that Booth setup will be done by Valley Expo.

Thalke told the Board that he had talked to Strackbein and Shaw regarding combining the Exhibit Committee and the M&C Committee into one. A discussion ensued. A motion was made by Curtin to combine the two Committees into one, Egge seconded the motion. Motion Carried. Strackbein will be chair of the new combined Committee.

s. **Operators Competition** - Bartel summarized the October 2007 Operators Competition for the Board. Bartel stated that Doerr is the new chair for the Operators Competition at Stevens Point for 2008. The First Place Team was “The Certifiable Operators”; Second Place Team was “Meet the Flockers”; and the Third Place Team was “The Deuce is Loose”.

t. **Local Arrangements** - Thalke introduced Kim Halverson and Eric Niffenegger from the Stevens Point Wastewater Treatment Plant. Kim and Eric will be putting together Local Arrangements, Spouses Program, and Golf Outing/Sporting Clays. Halverson informed the Board that they would have people available to help at registration. The Mayor of Stevens Point would be available to open the Conference with a welcoming statement.

u. **Spouses Program** - Halverson will be putting together the spouses program and will come back to the Board at its next meeting with some suggestions for the program as well as some suggested items for the gift pack. Halverson will consider a two-tier program in 2008.
v. Golf Outing/Sporting Clays - Niffenegger will contact area golf courses and come to the Board meeting with some suggestions for golfing. He will also investigate some locations that can host the Sporting Clays.

w. Permanents Arrangement - No report.

x. Resolutions and Bylaws - No report.

y. Historical - No report.

Carlson made a motion to accept the Committee Reports, Bond seconded the motion. Motion Carried.

5. OLD BUSINESS

a. Others - No report.

6. NEW BUSINESS

a. Secretary Compensation and two-year contract - The Board went into closed session to discuss Secretary’s compensation. The Board reconvened in open session. The Board informed McKee that they decided to increase his compensation by $400.00 for the 2008-2009 fiscal year and by $500.00 for the 2009-2010 fiscal year. The Board requested that McKee bring the vouchers to the Board meeting. McKee informed the Board that the vouchers are available at each meeting for review.

b. The Board requested that McKee provide the Board with monthly time sheets, an updated inventory list, and an updated job description. The Board requested McKee provide the President with a backup of all WWOA data recorded on flash drive. The Board would like McKee to speed up on-site registration. McKee informed the Board that he will work with Chad McKee and will come back to the Board with the cost that will be required to update the application software and hardware so there can be more than one computer terminal. McKee reminded the Board that the application software has not had any updating since it was developed in 1999.

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McKee will budget for and arrange for people that are experienced in computer data entry and processing.

c. Bartel informed the Board that he was contacted by the person from Arizona who would like to set-up the “history of wastewater” display at our conference. He will be in Chicago at WEFTEC and would be willing to bring the display to our conference. There would be some cost associated with bringing the display to Stevens Point. Bartel will contact him and find out how much it will cost and report back to the Board.

d. The Board will develop a customer service policy based on feedback of information and cost from McKee.

7. Doerr made a motion to adjourn the meeting, Thater seconded the motion. The meeting adjourned at 10:40 a.m. on December 14, 2007.

Respectfully Submitted,
Richard D. McKee

FOR SALE

1) Programmable Controller, Consolidated Electric Model D620
2) (3) Marathon Electric Standard Induction Motors 460 volt, 3 phase, 75 HD, vertical shaft approximately 4000 hours on each motor
3) (3) Allen-Bradley Vintage 1995 VFDs. Model 1336 Plus, were used for the 75 HD motors listed above
4) Stainless Steel Coarse Bubble Diffuser System, Sanitaire, for a 42’ diameter tank

Call Joel Jodarski at Silver Lake Sanitary District, Wautoma, WI at 920-787-7622. Make an offer.

2008 Clarifier Deadlines

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Newcomer of the Year Award

Do you know of a person that is new in the wastewater treatment field and is doing an exceptional job? We need you to recommend that person for a recently established WWOA award. The Board of Directors of WWOA has approved a new award to be presented annually at the Awards Banquet at the Annual WWOA Conference, the Newcomer of the Year Award. This award is designed to recognize people that are new to the field of wastewater and are outstanding in their work. In the last few years, WWOA has made many efforts to encourage new professionals to enter into the field of wastewater treatment, and we believe that this award will offer further encouragement. The criteria for the award are as follows:

**WWOA Newcomer of the Year Award**

The WWOA Newcomer of the Year Award has been developed to honor the efforts and achievements of new operators in the wastewater field in Wisconsin. All new wastewater operators deserve to be commended for their hard work, however, some stand out as being exceptional. The nominations for this award are designed to be placed by personnel that have been working closely with the nominees and appreciate their day-to-day efforts. Eligible candidates will have less than three years of wastewater operation experience as of August 1 of the year for which he/she is nominated. Interns in wastewater treatment plants may also be eligible for this award; however, students with no operating experience are not. The candidate must be employed either part- or full-time by a permitted wastewater or pretreatment facility in the state of Wisconsin. Other key factors for this award are listed below. Along with a plaque, the winner of this award will receive a two-year membership to Wisconsin Wastewater Operators’ Association. It is the hope of WWOA that this award will give outstanding new operators the recognition and pride that they deserve.

**Criteria:**
1. Must be a wastewater operator, support staff in a wastewater facility, or environmental lab technician for less than three years.
2. Must be employed in the state of Wisconsin at a wastewater treatment facility, pretreatment facility, or environmental laboratory.
3. Must be nominated by a supervisor or manager, peer or co-worker, or DNR personnel familiar with the day to day efforts and achievements of the nominee.

Preference will be given to nominees who:

1. Are a Wisconsin licensed wastewater operator.
2. Show exceptional enthusiasm for their profession.
3. Have a willingness to learn.
4. Have shown higher than average growth in his/her place of employment.
5. Frequently attends training in the wastewater field.
6. Have shown innovation on the job.
7. Are exceptional in public relations.
8. Have shown outstanding personal development.
9. Are active in WWOA.

Nominations for this award need to be submitted to John Bond (see back cover of Clarifier for contact information) by August 1, 2008. Please assist us in this effort to commend superior efforts of new members of our profession.
WWOA AWARD NOMINATION FORM

Deadline: August 1, 2008, except Regional Operator July 1, 2008

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 Positions? ______________

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 to:
John Bond—WWOA President-elect
Roberts WWTP
107 East Maple Street
Roberts, WI 54023
Work 715-749-3175
rbtswwtp@baldwin-telecom.net

For Regional Operator to:
Regional Award Contact
Please see page 2
Regional Operator awards contacts are the regional chairs unless otherwise noted:

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<th>Region</th>
<th>Chair</th>
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| Lake Michigan      | Vice Chair  | John Schoen  
                   | Seymour WWTP  
                   | 445 Municipal Drive  
                   | Seymour, WI 54165  
                   | W: 920-883-2397  
                   | seymour.jms@netnet.net |
| North Central      | Chair       | Chris Helgestad  
                   | Village of Spencer WW Utility  
                   | 610 Depot Street  
                   | Spencer, WI 54479  
                   | W: 715-659-5404  
                   | wwtp@vil.spencer.wi.us |
| Northwest          | Chair       | Jim Hall  
                   | Medford WWTP  
                   | 603 S. Whelen Ave.  
                   | Medford, WI 54868  
                   | W: 715-748-4122  
                   | jhall@medfordwi.us |
| Southern           | Chair       | Kevin Freber  
                   | Watertown WWTP  
                   | 800 Hoffmann Drive  
                   | Watertown, WI 53094  
                   | W: 920-262-4085  
                   | kevin.freber@ci.watertown.wi.us |
| Southeast          | Chair       | Tim Zimmerman  
                   | Village of Germantown  
                   | P.O. Box 337  
                   | Germantown, WI 53022  
                   | W: 262-253-7765  
                   | gtsewer@bizwi.rr.com |
| West Central       | Chair       | Dan Manier  
                   | Stanley WWTP  
                   | 116 Third Avenue  
                   | Stanley, WI 54768  
                   | W: 715-644-5519 |

The regional awards committees are to forward the selected nominee to John Bond by August 1, 2008 for approval by the board.
Single-use applications range from storm water run-off storage, equalization and trickling filters to sludge digestion and sludge storage/mixing. Suitable for total system applications, **AQUASTORE** tanks are used in Sequential Batch Reactor (SBR) systems, package treatment plants, anaerobic sludge digestion systems and conventional large volume treatment.

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**EAST WISCONSIN**

[Contact information]
The late Dr. Coby Crabtree always used to say that operators love their sludge so much they don’t want to part with it. Are you an operator who loves all that activated sludge in your plant? You know, where the aeration basins look like chocolate pudding? Where the sludge judge stands up by itself in the final clarifier 9 feet of sludge? Do you have surface scum in the aeration basins and ashing on the final clarifiers? Settleability tests at 700, 800, 900 ml/L? Filaments? And despite all this, you still think your MLSS levels, let’s say 6000 mg/L, are good…right where they should be. Think again.

Okay, here’s a very simple way to show the proof is in the pudding. Take 1000 ml of your 6000 mg/L pudding (mixed liquor suspended solids) and pour into your settling beaker or cylinder. Wait 30 minutes. Take a reading. Let’s say it reads 920 ml/L. Take 500 ml of this same 6000 mg/L pudding (mixed liquor suspended solids) and pour it into your settling beaker or cylinder. Add 500 ml of final effluent to bring it up to 1000 ml. You have effectively made the pudding 3000 mg/l (mixed liquor suspended solids) by doing this. Wait 30 minutes. Take a reading. Whoa, this time the results show 300 ml/L! If you had a severe filamentous problem the settleability would not have changed much, even by diluting the MLSS, and you will see filaments under the microscope.

What does this simple dilution of the settling test tell you?? What does this dilution of MLSS and
improved settling mean? YEEESS, it means you have too many of those beloved solids in your plant…..way too many. You can break off your love affair with all these solids and get rid of some of them. W-A-S-T-E!!!!

The above example shows that by reducing your MLSS from 6000 mg/L to 3000 mg/L you improve your Sludge Volume Index from 152 to 100. Provided your sludge age and F:M ratios are in good ranges with the lower MLSS levels, this is where you would rather be for improved settling of your MLSS. I suspect you will see a healthier biomass under your microscope too.

When you have optimized your mixed liquor suspended solids in your plant, here is what you will see: a nice tan/brown color of your aeration basins; a crisp, white aeration pattern; no surface scum or foam on any tank surfaces; a nice settling floc and a healthy biomass under the microscope; a jet black appearance of your final clarifier surface; and a crystal clear effluent meeting all limits.

Take this simple dilution test and add it to your process control testing toolbox. In combination with other process control parameters and treatment objectives, it can help you “optimize your operations through process control”. You can love your solids, but not obsessively. Love them at just the right level, and you and your solids will live happily ever after. Treatment plant life will be good. Happy wasting!

**FREE**

The Green Bay Metropolitan Sewerage District has approximately 37 boxed skids (20,000) of used Sanitaire ceramic fine bubble diffusers. The recipient must handle any shipping requirements.

For more information, please contact Bruce Bartel at 920-438-1006 or Gary Natzke at 920-438-1153.
Industrial Surveillance for Security, Process Control and Truck Receiving Stations

By Ray Grosch
rgrosch@intellisys-is.com

Traditional CCTV (Closed Circuit Television) security monitoring has been in use by larger utilities for many years. The technology is used to provide video security, process monitoring and documentation at plant receiving stations. However, small and medium sized utilities have had difficulty justifying the cost of expensive installation and maintenance of CCTV.

In recent years a new technology is replacing the older CCTV systems. This new technology typically costs only a fraction of the older systems that are being replaced. The new IP (Internet Protocol) video surveillance systems are computer based and use the same communication protocols that computer networks operate on. With the wide use of wired and wireless Ethernet networks in water and wastewater facilities for computers and process control systems, IP video monitoring can be easily and rather inexpensively added to many existing facility management networks.

What type of applications is this technology suited for? A few common applications include:

Security — IP video monitoring is ideal for supervising local and remote facilities during day light and evening hours. Having a record of facility entry and egress is crucial for facility management. Infrared illumination is available with many cameras for night vision. Many applications are possible such as working in the lab can monitor the dewatering process control adjustment to screw press, aeration tanks, etc. In the case of a thickening or dewatering device an operator could even make process control adjustment to them at plant receiving stations. However, small and medium sized utilities have had difficulty justifying the cost of expensive installation and maintenance of CCTV.

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evening hours. Having a record of facility entry and egress is crucial for facility management. Infrared illumination is available with many cameras for night vision. Many cameras can also output a contact to a SCADA systems or alarm dialer to enunciate an alarm event. FTP or File transfer protocol can also be used to transfer video and image files so that they can be viewed on an Internet site.

**Process Control** — IP video is an excellent solution for process monitoring on items such as rotary drum thickener, belt thickener, belt press, screw press, aeration tanks, etc. In the case of a thickening or dewatering device an operator working in the lab can monitor the dewatering device on a computer monitor rather than having to walk to another part of the plant periodically to check on the unmanned operation. While watching the thickened sludge discharge and flocked feed solids and operator could even make process control adjustment to increase or decrease polymer feed if the SCADA system allowed such controls.

**Truck Receiving** — IP video is ideal for watching or capturing chemical delivery events and waste receiving events at your plant. Video can be automatically captured and time stamped based on motion detection.

While IP technology has decreased the cost of video surveillance significantly, it is crucial that system components such as network cameras, video recorders, wired and wireless network components, video management software and video displays be designed to provide the functionality required for each individual application.

For additional information on the application of Industrial Surveillance at your facility contact IntelliSys Inc. (800 347-9977). IntelliSys is an application and network services provider to the Water Resources Industry specializing in Automated Facility Management Solutions.
SOIL MANAGEMENT CONSIDERATIONS FOR WASTEWATER TREATMENT PLANT OPERATORS

SEPTEMBER 9, 2008
OR
SEPTEMBER 10, 2008

Sponsored by
Wisconsin Wastewater Operators’ Association, Inc.
and
UW Cooperative Extension
UW College of Agricultural & Life Sciences

SESSION OBJECTIVES
Understand soil & site characteristics, management issues, and agronomic practices that are important for the proper application of municipal biosolids. If you are interested in learning more about reading the landscape; soil properties; nutrient management planning; effect of biosolids on crops & soils, this course is for you.

Who Should Attend
- Wastewater Operators
- Students/New Operators
- Consulting Firms
- Utility Personnel
- Local/State Government Officials
- Utility Board/Council Members

Educational Credits
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10:15-10:45  Soil sampling, liming & nutrient guidelines {Proper sampling, soil pH mgmt., UWEX nutrient guidelines}  
            – John Peters

10:45-11:15  Nitrogen & phosphorus management {Factors affecting availability, mineralization, meeting crop need}  
            – Carrie Laboski

11:15-11:45  Using SNAP PLUS for biosolid management {SNAP PLUS demo}  
            – Laura Good

11:45-12:00  Question & Answer Period

12:00-12:40  LUNCH – Provided

**AFTERNOON SESSIONS**

12:40-1:00  Fostering communication between farmers, regulators & ag suppliers  
            – Fred Madison

1:00- 3:00  Field demonstrations & soil testing lab tour:  
            • Soil testing lab tour  
            • Tillage/soil compaction mgmt.  
            • Nutrient crediting & on-farm nutrient inventory  
            • Soil pit

**COURSE INSTRUCTORS**

*Dr. Dick Wolkowski, Dr. Fred Madison  
Dr. Doug Soldat, Dr. Carrie Laboski  
Dr. John Peters, Dr. Laura Ward Good  
Dept. of Soil Science, UW-Madison*

SOIL MANAGEMENT CONSIDERATIONS FOR WASTEWATER TREATMENT PLANT OPERATORS  
Class Locations

**SEPTEMBER 9, 2008**  
WEST MADISON AG RESEARCH STATION  
8502 MINERAL POINT ROAD  
VERONA, WI

**OR**

**SEPTEMBER 10, 2008**  
MARSHFIELD AG RESEARCH STATION  
2611 EAST 29TH STREET  
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There will not be a separate Mailing for this Seminar!!
SOIL MANAGEMENT CONSIDERATIONS FOR WASTEWATER TREATMENT PLANT OPERATORS (cont’d)

REGISTRATION FEE = $75.00
(There will be no on-site registration)

These workshops will be limited to the first 40 paid registrants per class. First come first serve! Please make checks payable to the UNIV. OF WISCONSIN, complete the registration form and return it with your fee as soon as possible to:

ATTN: Ms. Carol Duffy
Dept. of Soil Science, UW-Madison
1525 Observatory Dr., Madison, WI 53706
{No refunds will be issued after Sept. 1}

REGISTRATION

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System/Firm: ________________________________

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Address: ________________________________

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REGISTRATION FEE = $75.00
(There will be no on-site registration)

I wish to attend the
____ September 9, 2008 Workshop
      at West Madison Ag Research Station

____ September 10, 2008 Workshop
      at Marshfield Ag Research Station

(Please check only ONE.)

2008 MANAGEMENT SEMINAR

The 2008 Management Seminar will be held on Wednesday, August 6. The seminar will be held at Cabela’s, One Cabela Way, Richfield, WI. Cabela’s is located just north of the intersection of highways 41 and 45.

The program will start at 8:30 a.m. and end at 3:15 p.m. Topics to be included are:

1. Generational Diversity in the Workplace

2. Effective Interviewing & Hiring Techniques

3. Succession Planning, A Case History at GBMSD

4. Succession Planning, the DNR Leadership Academy

5. How to Deal With Employees Who Can No Longer Perform Their Job

6. Past Practices and How to End Them

As always, DNR operator certification credits will be provided. Expect to receive an announcement for the seminar in mid-June.

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2008 Registered Laboratories of the Year

The Neenah Paper Mill laboratory in Whiting and a McCain Foods USA laboratory in Plover have been recognized as the 2008 Registered Laboratories of the Year by the Wisconsin Department of Natural Resources.

The Neenah Whiting Paper Mill — recognized in the large facility category for the quality and dependability of its data — analyzes water used by the mill, treated and discharged to the Wisconsin River. “The most significant achievement at this lab is the consistency of the results achieved with four
operators,” wrote Camille Johnson, the DNR audit chemist with the DNR Laboratory Certification & Registration Program, in the nomination. Engineer John Kohler oversees the Neenah Paper laboratory. The four operators are Russ Garski, Jerry Kawski, Greg Stroik and Pat O’Neil.

McCain Foods USA Inc. in Plover also discharges treated wastewater into the Wisconsin River. The company’s laboratory was recognized in the small facility category. DNR officials cited strong communications skills and meticulous record keeping by lab supervisor Dale Johnson and analysts Kathy Asuquo and Barb Lodl. “The two analysts have each dedicated 25 years to working at this lab,” Johnson wrote in the nomination. “The documentation and attention to detail at this lab are surely among the best I have ever observed.”

The awards were presented at a recent meeting of the Natural Resources Board by DNR Deputy Secretary Patrick Henderson and Environmental Science Services Section Chief David Webb. This is the thirteenth year of the awards. The quality of the data generated by these laboratories is important because it is used by the DNR to make regulatory decisions that protect the environment. The facilities were chosen from more than 250 registered laboratories in Wisconsin. For more information contact Camille Johnson, DNR audit chemist, Wautoma, 920-787-4686 ext. 3019.
Madison MSD Awards Project to the Applied Technologies/Carollo Engineers Team

The Madison Metropolitan Sewerage District (MMSD) has awarded its Solids Handling Facilities Plan project to the Applied Technologies (ATI)/Carollo Engineers team.

The primary goal of the Plan is to provide the District with a detailed roadmap to achieve a reliable, cost-effective, sustainable process yielding a Class A biosolids product. The facilities planning effort will begin in May 2008 and is anticipated to be completed by the end of 2008.

ATI has completed 15 projects for MMSD within the last 20 years. Carollo is known for its knowledge and experience with advanced bioenergy and will assume responsibility for this part of the project.

Applied Technologies is a multidiscipline engineering and architectural firm specializing in municipal and industrial water/wastewater management.

Rice Lake Utilities Project Awarded to Applied Technologies

The Rice Lake Utilities has awarded its Wastewater Treatment Facility Upgrades project to Applied Technologies (ATI).

Due to the age and condition of some of its facilities, Rice Lake Utilities prepared an Operation and Needs Review (ONR) in 2007. The ONR identified a number of infrastructure improvements to be made in the next 5-10 years. These improvements will be designed by ATI and are anticipated to be operational in early 2010.

Rice Lake Utilities and ATI have worked together successfully in the past, including Rice Lake’s previous plant upgrade project in 1997.

Applied Technologies, headquartered in Brookfield, Wisconsin with offices in Lake Villa and Oak Brook, Illinois, is a multidiscipline engineering and architectural firm specializing in municipal and industrial water/wastewater management. For more information, visit www.ati-ae.com

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Chairman Jim Hall welcomed the group and took care of some housekeeping duties. Chairman Hall then introduced the Mayor of Cumberland, Carl Bentz. Mayor Bentz also welcomed the group and commended our profession for the work we do. Mayor Bentz understood the importance of a good wastewater system and how it greatly affects the development of a community.

Chairman Hall introduced the first presenters. Presenting for the Henkel Company were Steve Seigfried, Michael McGrew, and Mike Skora. The Henkel Company is an adhesive and sealants Specialist Company primarily focused on the Loctite products. They have many maintenance products and a few were demonstrated. There was a very comprehensive packet handed to all attendees so they could follow along and to take back to their plants. Steve discussed threaded assemble failures. Did you know that a bolt and nut threaded together only contacts about 15% of the actual surface? Did you know that by over tightening a split washer or a star washer you now create a standard flat washer and the engineering properties of the split and star washer are mute? By using thread lock when assembling bolts and nuts, you can contact considerably more surfaces by filling in voids between the two surfaces. Medium thread lock allows you to remove the nut with hand tools where high strength thread lock will require heating the surface to break the bond loose. Using primers on a surface before thread lock products will produce a secure connection. Thread lock will also prevent rust and corrosion. Actual hands on demonstrations were performed by all the attendees to try the products.
Another product was called Freeze release. It is a spray that when applied to a rusted bolt and nut will freeze the surface to -45 degrees and crack the rust for easy release. This works best if the starting temperature of surface is 50 degrees. If this isn't the case, then heat the surface before applying the spray. Some other products for the maintenance tool box were solvent based pipe thread dope. This can be used on an air pressure line and be put back in service immediately after applied: chemical gasketing material with temperature ranges from -6 to 350 degrees, quick metal repair for shaft key ways, quick set concrete repair patching material which you can drive on in one hour, a brushable anti-slip surface material for tread surfaces, and last but not least a sprayable ceramic surface for pump volutes.

Chairman Hall then introduced the next presenter, Bruce Bottko from Tri-State Pump, who discussed auto dialers along with practical applications. Bruce then introduced the designer of the Microtel dialer, Art Felgate from Portable Security systems. The dialer works off pre-paid minutes so there is no contract to sign. It is web based as well. There is no phone line cost. You can move the dialer to anywhere in your system you want. You can also call dialer to check status. Battery has five year battery life and replacement batteries can be purchased at Battery Plus. You can record eight second voice messages to correspond to alarms/status of site. You can also use your cell phone to set or change voice messages.
These can be land line connected but then you have a monthly cost. This system can also be used as a portable alarm system at a vacation home or any out of the way facility. You can monitor levels in manholes and wet wells. The dialer will notify you when your pre-paid minutes are down to five minutes. This is a very inexpensive way to monitor anything.

Following that presentation Chairman Hall announced dinner. Jerry Charraw’s Mother, Dorie, agreed to cook for our group one more time. She is 89 years old and still willing to show her stuff. All the food was handmade starting last winter. I am totally convinced that some of the attendees were there for the dinner and not the program.

It was a tough crowd to please after a huge dinner but Chairman Hall introduced the afternoon speakers anyway. First up after lunch was Ellen Longfellow representing Longfellow Training Services. Ellen has an attorney background and first-hand experience with municipal sewer claims. Ellen covered some of the legal issues associated with claims. Probably the single most important thing we should be doing is documentation, documentation, documentation. Ellen covered who is responsible, which can depend on city policies or ordinances. A big claim issue is the issue of negligence or the failure to exercise reasonable care. Good records will greatly help in this situation. Ellen covered other concerns like Strict Liability, Trespass (such as a diversion of water), Nuisance, Statutory Immunity, and Discretionary Immunity. Another great tool for municipals is to have a sewer maintenance policy. CMOM was a great driver for this. Your policy should be in writing, have uniform procedures, guidance for employees & public, long term planning, routine maintenance & inspection, emergency response, and training. Your plan should also cover the type of line maintenance equipment being used, such as rodders, jetters, televising or flushing, and frequencies. All this maintenance should be based on realistic labor hours based on man power. The emergency response system should be very clear with periodic updates. Last but not lease, you will need to financially support the plan. This could mean hiring out services, buying specific equipment, or scheduling personnel. No matter what you do, document everything.

Chairman Hall introduced the next presenters, Jim Johnson and Judd Genereaux from McQueen Equipment. Jim discussed the latest in jetter nozzles. The newest generation of nozzles has spinning heads which work very well with hair roots. Different size skids for the jetter heads are available to accommodate all sizes of pipes. There is a new nozzle that works very well at cleaning grease off the side walls of lift stations. You will need to pull the floats out of the
way during this operation. Next Judd demonstrated some of the latest in camera technology. Camera prices can vary depending on how much detail you want. Cameras can be either pushed or pulled through a pipe, drive on tracks or drive on wheels. They all have their purpose. Cameras can be either straight view of pan and tilt, and/or backward view. There is also a camera that is pole mounted for viewing a man hole from the surface, under bridges, or behind objects. This technology carries a battery pack good for five straight hours. This camera can measure distance and diameters and has a powerful zoom lens.

Chairman Hall introduced the final presenter, John Rysgaard from Fiberglass Laminators. John discussed the types of material used in the process of fiberglassing uses mats, woven mats, and bales. The type of mat and the type of resin are critical in the stability of the finished product. Resin selection will depend on the application, such as chemical, temperature, and pressure. Proper preparation is the key to the product holding and lasting many years. John’s main business is the rehabilitation of existing structures from domes to parshall flumes.

Chairman Hall opened the business meeting with some general regional information. The Treasurer’s report was read and approved. The minutes were approved as published in the Clarifier and the meeting dates and sites were read. There was no new business so there was a motion to adjourn.

Respectfully submitted,

Wally H. Thom
WWWOA
Secretary

WASTEWATER OPERATOR/PUBLIC WORKS DIRECTOR

Village of Sullivan (pop. 688). Weekend work required. Qualifications: minimum grade 2 wastewater operator’s license or having the ability to obtain certification and the ability to obtain a grade 3 wastewater license with sub grades — A. Primary; B. Trickling Filter; C. Activated Sludge; E. Disinfection; F. Anaerobic Digester; H. Filtration; J. Laboratory. Position is subject to a 24 hour call-out as needed. A CDL is required.

This position also includes general maintenance of all village properties to include: a) snow removal; b) street maintenance; c) weed control; d) grass mowing & maintenance of village properties; d) painting; e) tree trimming; f) coordinate part time personnel work schedules. Ideal candidate shall be self-motivated, able to work well with others, and the ability to work alone with minimal supervision. Salary DOQ + benefits.

For consideration, please send a letter of interest, a resume, and a completed village application to: Clerk/Treasurer, Village of Sullivan, P.O. Box 6, Sullivan, WI 53178; (262) 593-2388; e-mail: clerksullivan@charterinternet.com
President Thalke called the meeting to order at 10:30 a.m. on Monday, March 17, 2008, at the Holiday Inn in Stevens Point. Roll call was taken: Board members present: J. Thalke, K. Curtin, B. Bartel, W. Peterson, D. Egge, R. Thater, D. Carlson, and D. Doerr. Absent J. Bond.

Also Present were: Joe Zakovec-Southern Region; Kevin Freber-Southern Region; Chris Helgestad-North Central Region; Jeff Deitsch-Southeast Region; Wally Thom-Northwest Region; and Eric Niffenegger-Stevens Point WWTP.

A motion was made by D. Carlson, seconded by K. Curtin, to approve the minutes of December 13 & 14 as presented. Motion Carried.

McKee presented the Financial Statement for Board review and approval. McKee stated that as of February 10, 2008 the WWOA had $84,542.18 in revenue and $127,116.75 in expenditures with excess expenditures over revenue totaling $42,574.57. McKee explained the reason for the high expenditures is because we are accounting for Conference revenue as they come in rather than holding them until the beginning of the fiscal year of September 1 (per Accountant recommendation). The revenues and expenditures should even out this fiscal year. McKee presented vouchers 69-122 for Board approval. R. Thater made a motion to approve the Financial Statement and vouchers as presented, seconded by D. Egge. Motion Carried.

COMMITTEE REPORT

PERMANENT ARRANGEMENT - J. Leonhard

reported to the Board that the Committee met with Paula Webb of the Holiday Inn Hotel and Convention Center on March 7, 2008 to get the food prices set for the 2008 Conference. J. Leonhard informed the Board that the Committee will be visiting Green Bay later in the summer to see what impact the change of owners will have on our 2009 conference.

2008 TECHNICAL PROGRAM REPORT - B. Bartel stated that the Technical Committee met on February 19, 2008; there were twenty members who agreed to serve on the Technical Committee. Seventeen were able to attend the meeting.

There were 61 submittals received for consideration. The Committee selected 36 papers for the Conference. Acceptance letters have been sent out to those submittals that were accepted. Biographies with abstracts are due back by April 20, 2008. PowerPoint’s are to be sent to McKee by September 15, 2008.

Steve Thon, WDNR, has agreed to speak at the Farewell Breakfast on Friday. The Pre-conference has

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been selected: “Troubleshooting & Understanding Modern Wastewater Treatment Plant Controls” by Todd Schultz of Energenecs and “Never Fear Lab Math or Calculations Again” by Rick Mealy and George Bowman. Larry McCarren from WFRV-TV in Green Bay and color commentator for the Green Bay Packers is the Keynote. Dr. Jim Wand, a hypnotist, will be the entertainment after the banquet.

LOCAL ARRANGEMENTS & SPOUSE PROGRAM - E. Niffenegger reported on the Local Arrangements and reported for K. Halverson on the Spouse Program.

TOURS - The Tours for Thursday afternoon will be the Stevens Point WWTP and Stanton W. Mead Education and Visitor Center.

GOLF OUTING - Tom Mulcahy has offered to assist with the golf outing. He is trying to get the price down for Sentry World golf course and contacting vendors for support and gifts. The Committee will come back to the Board in April with a golf outing cost.

SPORTING CLAYS - President Thalke and Tom Kruzick will be handling the Sporting Clays. They have selected a site outside of Wautoma.

SPOUSE PROGRAM - The Committee met with the Travel and Convention Bureau and is looking at several ideas.

EXHIBIT M&C COMMITTEE - No Report. McKee reported that Valley Expo will do the setup this year and that there is room for 105 Booths this year.

OPERATORS COMPETITION - No Report. Thater will push the Operators Competition at the Regional meeting.

REGIONAL COORDINATOR - Thater has been working with the Regions in getting mailings out to the septic haulers and getting credit hours for the septic haulers. Thater has updated the Regional Policy Book and will make sure each Region has an updated copy. The Regional Officers Meeting will be held on September 30, 2008, the week of the Conference at the Holiday Inn Stevens Point. The Spring regional meetings are as follows: Lake Michigan-Joint with Southern in Berlin on May 22; North Central Region in Rosholt on April 22; Northwest Region in Cumberland on April 18; Southeast Del Hart-tba; West Central, Menomonee- tba. Thater reminded the Regions to get the meeting dates and agenda to the Regional Coordinator, Board of Directors, Clarifier and the Web Site.

OPERATOR TRAINING - D. Carlson reported that the UW Cooperative Extension is sponsoring a “Soil Management Considerations for Wastewater Treatment Plant Operators” on September 9, 2008 at the West Madison Ag Research Station in Verona, WI. And September 10, 2008 at the Marshfield Ag Research Station in Marshfield, WI.

WWOA will put the information on our web site and publish it in the June Clarifier if there is space available. Each session has room for 40 persons.
D. Carlson made a motion to accept the Committee Reports, seconded by W. Peterson. Motion Carried.

OLD BUSINESS

ON-SITE REGISTRATION UPDATE - McKee updated the Board on speeding up on-site registration. McKee informed the Board that there could be two work stations setup with the present computer system. It would require some hardware and system set to accomplish this. McKee will talk to Chad McKee to get a cost for the update and his services. McKee informed the Board that he will need at least 4 or 5 people for on-site this year for at least Tuesday and Wednesday. He will need four people for Pre-registration for Tuesday and Wednesday. McKee will budget for these for the April Board Meeting. McKee will also contact Merchant Service and have two credit card readers available to avoid the problems we had last year. McKee will also budget for manpower this year.

ROOKIE OF THE YEAR - K. Curtin provided the Board with the criteria for the “Rookie of the Year”. The Board renamed the award to “Newcomer of the Year”. This award is for new individuals of less than three years, must be employed in the State of Wisconsin and be a wastewater operator, support staff in a wastewater facility or environmental lab technician for less than three years. This award would be a state wide award and given each year at the Awards Banquet. After discussion, K. Curtin made a motion to establish the “Newcomer of the Year” award, seconded by D. Carlson. Motion Carried. The Board instructed K. Curtin to work with J. Bond and Randy Herwig to develop a design for the plaque.

NEW BUSINESS

LEGAL OPINION - The Board of Directors requested that McKee get a legal opinion as to the function of WWOA. “WWOA has obtained tax exempt status under the IRS section 501(c) (3) organization that is funded by its members. At the time of application for tax exempt status, the organization was required to state its purpose.” The statement is as follows: “The advancement of fundamental and practical knowledge concerning treatment of wastewater and the management of wastewater facilities. The promotion of good public relations in the water pollution control field. Assistance and training of personnel interested in water pollution control, management or operation. Encourage the exchange of information and experience in the operation of wastewater treatment facilities. The publication and distribution of a newsletter relating to the water pollution control field.” If the Board strays from the statement, it is obligated to inform the IRS and the IRS would determine if the change will affect WWOA tax exempt status.

McKee requested that the Board place the legal opinion in their Policy Book for future reference.

D. Doerr made a motion to adjourn, seconded by R. Thater. Motion Carried. Meeting adjourned at 2:35 p.m.

Respectfully Submitted,

Richard D. McKee
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2007 - 2008 OFFICIAL DIRECTORY

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