WISCONSIN WASTEWATER OPERATORS’ ASSOCIATION

46th Annual Conference

Kalahari Resorts
1305 Kalahari Drive
Wisconsin Dells, Wisconsin 53965

October 9 to October 12, 2012

Host:
Bluffview Sanitary District & Badger Army Ammunition Plant

Working to Keep Wisconsin Waters Clean

CONFERENCE & REGISTRATION INFORMATION
Dear WWOA Member, Associates, and Guests:

The WWOA Board of Directors cordially invites you to the 46th Annual WWOA Conference to be held October 9 to October 12, 2012. This year’s conference will be held at the Kalahari Resorts in Wisconsin Dells, WI.

WWOA activities kick off Tuesday afternoon with the ever popular Pre-Conference Workshops. There are two concurrent workshop sessions to choose from, running from 1:00 p.m. to 4:00 p.m. Workshop #1 “Time to Get Back to the Basics in Lab Testing”. Workshop #2 offers four speakers on one topic “Industrial network Hacking and Awareness Seminar, The New World of SCADA Security, SCADA System Maintenance Really? and Communication is the Key! (To Successful SCADA Design and Implementation)”. The workshops will be held at the Kalahari convention center in rooms Guava/Tamarind and Portia/Wisteria.

At 6:00 p.m. Tuesday evening, please join us for the traditional Meet and Greet, an informal gathering of friends featuring an open buffet of brats, burgers, munchies, and refreshments in Kalahari Convention Center A/B/G/H. Come rekindle old friendships and make new friends.

Wednesday morning activities will begin at 9:00 a.m. with an Opening Address by WWOA President Randy Thater. Following will be our Keynote Address provided by Mike McKinley. The title of his speech is “Working together to get better… You make the Difference”. Vendor exhibits will open at 10:00 a.m. and run through 5:00 p.m. In addition, the vendor exhibits will be open Thursday morning from 8:00 a.m. until 11:45 a.m. The Operator Competition will be on Wednesday afternoon in rooms B/G from 12:30 pm – 4:30 pm

Concurrent Technical Sessions are scheduled for the mornings and afternoons on Wednesday and Thursday of the Conference. Thursday includes significant training opportunities for Phosphorus. Training opportunities for large and small system operators will be the primary focus throughout the Conference.

The WWOA Operators Luncheon and Annual Business Meeting are scheduled for 12:00 p.m. Thursday; the Social Hour & Awards Banquet is scheduled for Thursday evening beginning at 6:00 p.m. We invite you to get involved in the organization and honor our fellow operators at the Awards Banquet. The Awards Banquet will close with a Dueling Piano Act. We will be holding the popular Farewell Breakfast once again on Friday Morning. Paul Kent from Staffordand Rosenbaum will be discussing changes in DNR and The Phosphorus rule.

The Bluffview Sanitary Districttour will have two parts: 1st part will be Bluffview Sanitary District Wastewater Treatment Facility and 2nd part is US Army Facility at Badger Army Ammunition Plant (BAAP); Groundwater Remediation System located at same facility. The Tours are scheduled for Thursday afternoon beginning at 1:30 p.m. Space for the tours will be limited, so be sure to sign-up in advance. This year’s Spouse/Guest Program will offer a great mix of planned excursions to enjoy the many opportunities that the area has to offer. Please review the Spouse’s Program schedule for a complete list of activities and offerings.

Enclosed are the Conference Information and Registration Forms. PRE-REGISTRATION IS STRONGLY ENCOURAGED! On-line registration with credit card payment is available at www.wwoa.org. On behalf of the Board of Directors, Technical, Spouse's Program and Local Arrangements Committees, we hope to see you this fall.

Sincerely,

Kevin l. Freber
Technical Program Committee Chair
Dear Spouse/Guest,

Welcome back to the exciting Kalahari Resort and Convention Center in the Lake Delton-Wisconsin Dells area! As a registered guest of someone attending the 46th Annual Wisconsin Wastewater Operator’s Association (WWOA) Conference, on October 9-12, 2012, we are pleased to invite you to take part in the Spouse and Guest Program.

The Lake Delton-Wisconsin Dells area offers the scenic beauty of the famed Dells of the Wisconsin River. In addition to natural beauty, the Dells area has developed into the Midwest’s premier family tourist attraction.

The Spouse and Guest Program that has been designed for you this year includes access to all Conference activities, including the Meet and Greet, Spouse Hospitality Room, Keynote Address, Walkaround Lunch, and Farewell Breakfast.

On Wednesday morning, the Spouse and Guest Program will start with Keynote Address at 9:00 a.m. “Working together to get better… You make the Difference” by Mike McKinley. At 10:00 a.m., pick up a $10 Kalahari gift card, and depart the Kalahari from the East Convention Center entrance on a shuttle bus to the Ho-Chunk Casino. You can return to the Kalahari from the Casino at either 1:30 or 3:30 pm. If you choose not to go to the Casino, you are invited to the walkaround lunch in the exhibit area. The $10 gift card will be available for you at the East Convention Center entrance.

Thursday begins the day at 8:00 a.m. with a continental breakfast offered in the Cypress Room of the Kalahari Convention Center. At 9:00 a.m. a bus will depart from the East Convention Center entrance for the day’s activities, the tour starts with the Al Ringling Theater. The tour will be split into two groups, while one group is touring the theater, the other will be provided a list of different shops to explore in Downtown Baraboo. After lunch at the Garden Party Cafe, the two groups will experience wine and dessert tasting at Bekah Kates and a choice of a petite manicure, petite pedicure, facial, or massage at Spa Serenity. There will be a gift bag provided with items from your experience of the day.

You will return to the Kalahari by 5:00 p.m. The day ends with the annual WWOA Awards Banquet.

On Friday, you are invited to join all WWOA members for the Farewell Breakfast.

The Wisconsin Dells area is an exciting place to visit, and we sincerely hope you will join us for a fun and exciting program!

Sincerely,

Kelly Zimmer & Kevin Freber
Spouse/Guest Program and Local Arrangements
SPOUSE/GUEST PROGRAM

Spouse/Guest Program

Includes:

Meet & Greet
Admission to the exhibits
Wednesday lunch in Exhibit Hall
Wednesday Social Hour
Hospitality Room
Farewell Breakfast
Keynote Address
Ho-Chunk Casino
Kalahari gift card
Tour of Al Ringling Theater
Wine & Dessert tasting at Bekah Kates in Baraboo
Specialty service at Spa Serenity in Baraboo
Lunch at the Garden Party Café
Personalized gift bag

Please circle your Spa Serenity choice:

Petite Manicure
Petite Pedicure
Eminence Experience Facial
Bliss Massage

46th Annual Conference
Kalahari Resort and Convention Center
Wisconsin Dells, Wisconsin
October 9-12, 2012

SPOUSE/GUEST PROGRAM
(Please Type or Print Clearly)

Last Name: ______________________

First: _______________ M.I. ______

Nick Name (For Name Tag)

______________________________

PRE-REGISTRATION
(On or Before September 28, 2012)

☐ Spouse/Guest Program $70.00

ON-SITE REGISTRATION
(After September 28, 2012)

☐ Spouse/Guest Program $80.00

Admittance to all events is by badge only including Exhibit Hall, Walk Around Lunch, etc.

TUESDAY, OCTOBER 9, 2012
6:00 p.m. – Meet and Greet

Meet and Greet A/B/G/H Convention Center

WEDNESDAY, OCTOBER 10, 2012
9:00 – 10:00 a.m. – Conference Opening and Keynote Speaker

10:00 – Kalahari Gift Cards and Departure to Ho-Chunk Casino

1:30 p.m. or 3:30 p.m. – Return to Kalahari

4:00 – 5:00 p.m. – Social Hour in Exhibit Area

THURSDAY, OCTOBER 11, 2012
8:00 – 9:00 a.m. – Spouse Hospitality in Cypress Room. Continental breakfast sponsored by Aquafix

9:00 a.m. – Bus departs for daily activities. Bussing sponsored by Mulcahy/Shaw

10:00 a.m. – 11:30 a.m. – Al Ringling Theater tour sponsored by Flygt

11:30 – 12:30 p.m. – Lunch at Garden Party

12:30 – 4:30 p.m. – Spa Serenity & Bekah Kates

Advance Registration for the Full Spouse and Guest package is $70.00. (Banquet Not Included)
**WWOA TECHNICAL PROGRAM SCHEDULE**  
**Wednesday, October 10, 2012**

**Welcome Address – President Randy Thater**  
9:00 am  
Keynote Speaker - Mike McKinley  
Convention Center A/H

**Exhibits in Convention Center I-VIII**  
10:00 am - 5:00 pm

<table>
<thead>
<tr>
<th>TIME</th>
<th>Session A:</th>
<th>Session B:</th>
<th>Session C:</th>
</tr>
</thead>
</table>
| 10:45-11:20 am | Simple, Early Steps Toward Meeting Lower Phosphorus Effluent Limits  
Troy Larson | Preventive, Predictive & Corrective Maintenance  
John Szwedo | If Blending Ends - What Now?  
Bill Marten |
| 11:25-12:00 pm | My Reissued Permit Includes a Very Low Phosphorus Limit - Now What?  
Dan Greve | Rehabilitating Clarifiers  
David Dehart | Treatment Plant Blending  
Dave Arnott |

**Walk Around Lunch in Exhibit Hall**  
12:00 pm - 1:30 pm

| TIME          | Session D: Safety  
Moderator: John Bond  
Room: Guava / Tamarind | Session E: Energy  
Moderator: Bruce Bartel  
Room: Portia / Wisteria | Session F: Collection Systems  
Moderator: Doug Nelson  
Room: Tamboti/Aloeswood |
|---------------|-----------------|-----------------|-----------------|
| 1:30 - 2:00 pm | Distracted Driving  
Brad Ten Pas | Cutting Power Costs  
Greg Droessler | Techniques for Public & Private I & I Identification & Elimination  
Randy Belanger,  
Chris Stamborski |
| 2:05 - 2:40 pm | Distracted Driving  
Brad Ten Pas | Energy Savings - High Speed Blowers & Micro Turbine  
Ken Ligman, David Erickson | Collection System Rehabilitation  
Brandon Foss |

**Break in Exhibit Area**  
2:40 pm - 2:55 pm

<table>
<thead>
<tr>
<th>TIME</th>
<th>Session</th>
<th>Moderator</th>
<th>Room</th>
</tr>
</thead>
</table>
| 2:55 - 3:25 pm | Oconomowoc Sustainable Energy Saving Design  
Tom Steinbach  
Ken Sedmak | What is FOG? And What are FOG Ordinances  
Rand Ackroyd |
| 3:30 - 4:00 pm | Understanding NFPA 820 - Fire and Explosion Protection in Wastewater Treatment Facilities  
Joe Berktold | *"Pay-as-you-go" Sewer Charge System  
Scott Chilson  
Jared Feider |

**Social Hour in Exhibit Hall**  
4:00 pm - 5:00 pm
**WWOA TECHNICAL PROGRAM SCHEDULE**  
**Thursday, October 11, 2012**

**Exhibits Open 8:00 am – 11:45 am**

**Plant Tours 1:30 pm - 4:00 pm**

<table>
<thead>
<tr>
<th>TIME</th>
<th>Session G: Phosphorus Removal</th>
<th>Session H: Laboratory QA</th>
<th>Session I: Biosolids</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moderator: Jeremy Cramer</td>
<td>Moderator: Sharon Thieszen</td>
<td>Moderator: Jeffery Smudde</td>
</tr>
<tr>
<td></td>
<td>Room: Guava / Tamarind</td>
<td>Room: Portia / Wisteria</td>
<td>Room: Tamboti/Aloeswood</td>
</tr>
</tbody>
</table>

**8:00 – 8:45 am**

- **Evaluation of an ‘Off the Shelf’ Automated Chemical Phosphorus Removal System**
  - Jim Burke

**8:50 – 9:35 am**

- **Phosphorus Removal Improvements: Evaluation of carbon addition, operational modifications, and filtrate treatment**
  - Leon Downing
- **Organizing Your Lab to Successfully Meet NR149 LabCert Requirements**
  - George Bowman, Kyle Mealy
- **Pretreatment Digester Benefits City’s WWTP Upgrades**
  - Don Quarford, Wayne Karlovich

**Break in Exhibit Area 9:35 am – 10:00 am**

<table>
<thead>
<tr>
<th>TIME</th>
<th>Session J: Phosphorus Removal</th>
<th>Session K: Process Control</th>
<th>Session L: Potpourri</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moderator: Troy Larson</td>
<td>Moderator: Tom Kruzick</td>
<td>Moderator: Kay Curtin</td>
</tr>
<tr>
<td></td>
<td>Room: Guava / Tamarind</td>
<td>Room: Portia / Wisteria</td>
<td>Room: Tamboti/Aloeswood</td>
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</tbody>
</table>

**10:00 – 10:50 am**

- **Fermentation Enhanced Nutrient Removal at Janesville WWTP**
  - Nathan Cassity
- **Using Spreadsheets for Trending, Troubleshooting and Reports**
  - Tom Crouse
- **Changing O&M practices to get N&P Removal w/o Facility Upgrades**
  - Grant Weaver

**10:55 - 11:45 am**

- **Implementing and Troubleshooting Biological Phosphorus Removal**
  - Jeremiah Wendt
- **Investigation of a WWTP upset**
  - Jerry Doriott
- **Let’s Put Some Lipstick On This Pig!**
  - Rick Mealy, Kyle Mealy

**Operators’ Luncheon 12:00pm  Business Meeting 12:30 pm Convention Center D/E**

**Plant Tour: 1:30 pm to 4:00 pm Badger Army Ammunition Plant (BAAP) / Bluffview Sanitary District**

<table>
<thead>
<tr>
<th>TIME</th>
<th>Session M: Attached Growth Systems</th>
<th>Session N: Small Systems</th>
<th>Session O: Potpourri</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moderator: Jon Butt</td>
<td>Moderator: Wally Thom</td>
<td>Moderator: Don Lintner</td>
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<tr>
<td></td>
<td>Room: Guava / Tamarind</td>
<td>Room: Portia / Wisteria</td>
<td>Room: Tamboti/Aloeswood</td>
</tr>
</tbody>
</table>

**1:30 - 2:15 pm**

- **Biofilm Reactors: Operational Overview and Applications for Nutrient Removal**
  - Leon Downing
- **Small WWTP Packs a Big Punch**
  - Sacha Tetzlaff
- **Nutrient Removal or Regulations, Watershed Issues**
  - John Jansen

**2:20 - 3:05 pm**

- **Industrial Pretreatment when there is Trouble Downstream. A Case Study Using Complete Mix Fixed Film Biological Treatment**
  - Ken Neu
- **Evaluating the Performance of Lagoon Rehabilitations**
  - Patrick D. Hill
- **GIS Based Work Order Management System**
  - Tom Kispert, Sam Pociask

**3:15 - 4:00 pm**

- **Wetlands - a Phosphorus Treatment Alternative**
  - Dave Sauer
- **Effluent Reuse in Central Sands Agriculture Fields**
  - Ed Makaryk
- **Open Channel vs. Closed Channel**
  - Paul Ropic

**Social Hour in Convention Center III-VI 6:00 pm  Awards Banquet / Entertainment in Convention Center A/B/G/H7:00 pm**
CURRENT YEAR NAME BADGE REQUIRED FOR ADMISSION TO ALL CONFERENCE FUNCTIONS.

DNR Credit Slips will be available at the Conference Registration Area Only!

Fee Schedule:

<table>
<thead>
<tr>
<th>Pre-Registration:</th>
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<tbody>
<tr>
<td>(On or before September 28, 2012)</td>
<td></td>
</tr>
<tr>
<td>Member</td>
<td>$80.00</td>
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<tr>
<td>Non-Member</td>
<td>$135.00</td>
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<tr>
<td>Non-Member with Membership Offer</td>
<td>$130.00</td>
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<tr>
<td>Spouse/Guest Program - Full Package</td>
<td>$70.00</td>
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<tr>
<td>Student, Retiree</td>
<td>$40.00</td>
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<tr>
<td>Substitution (Re-print charge)</td>
<td>$15.00</td>
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<tr>
<th>On-Site:</th>
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<tr>
<td>(After September 28, 2012)</td>
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<tr>
<td>Member</td>
<td>$130.00</td>
</tr>
<tr>
<td>Non-Member</td>
<td>$185.00</td>
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<tr>
<td>Spouse/Guest Program - Full Package</td>
<td>$80.00</td>
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<tr>
<td>Student, Retiree</td>
<td>$45.00</td>
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<tr>
<td>Substitution (Re-print charge)</td>
<td>$20.00</td>
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Officers:

President: Randy Thater
President Elect: Wade Peterson
Vice President: Kevin L. Freber
Past President: Dave Carlson
Director (2013): Kelly Zimmer
Director (2012): Lyle Lutz
Director (2013): Jim Bergles
Director (2013): Jeff Bratz
Director (2012): Sharon Thieszen
Executive Secretary: Richard McKee

Host:
Bluffview Sanitary District & Badger Army Ammunition Plant

WWOA TECHNICAL PROGRAM SCHEDULE
Friday October 12, 2012

Operators Farewell Breakfast
Rooms A/B/G/H  8:30 am - 10:30 am
Moderator: WWOA President Wade Peterson
Presenter: Paul Kent

Conclusion of Conference
### 46th Annual Conference  
**Wisconsin Wastewater Operators’ Association**

<table>
<thead>
<tr>
<th><strong>Tuesday</strong></th>
<th><strong>October 9, 2012</strong></th>
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<tbody>
<tr>
<td><strong>A.M.</strong></td>
<td>Board of Directors Meeting</td>
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<tr>
<td></td>
<td>Golf Outing: Christmas Mountain Village 10:00 a.m. Shotgun start</td>
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<tr>
<td></td>
<td>Sporting Clays: Woods and Meadow 10:00 a.m. Shotgun start</td>
</tr>
<tr>
<td></td>
<td>Pre-Conference Workshops: Guava/Tamarind &amp; Portia/Wisteria 1:00 p.m. - 4:00 p.m. See program schedule</td>
</tr>
<tr>
<td><strong>P.M.</strong></td>
<td>Registration Opens: Convention Center Entrance 1:00 p.m. - 4:30 p.m.</td>
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<tr>
<td></td>
<td>Regional Officers Meeting: Cypress 4:30 p.m. - 6:00 p.m.</td>
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<td></td>
<td>Meet and Greet: A/B/G/H 6:00 p.m. - 7:00 p.m.</td>
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<td>Open Buffet w/ Brats, Hamburgers, &amp; Snacks 7:00 p.m. - 9:00 p.m.</td>
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<thead>
<tr>
<th><strong>Wednesday</strong></th>
<th><strong>October 10, 2012</strong></th>
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<tbody>
<tr>
<td><strong>A.M.</strong></td>
<td>Registration Opens: Convention Center Entrance 8:00 a.m.</td>
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<tr>
<td></td>
<td>Welcome Address: Convention Center A/H 9:00 a.m. WWOA President Randy Thater</td>
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<tr>
<td></td>
<td>Keynote Address: Convention Center A/H 9:15 a.m. Mike McKinley</td>
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<tr>
<td></td>
<td>Vendor Exhibits: Convention Center I-VIII 10:00 a.m. - 5:00 p.m.</td>
</tr>
<tr>
<td></td>
<td>Technical Sessions: Guava/Tamarind, Tamboti/Aloeswood, &amp; Portia/Wisteria 10:45 a.m. - 11:55 a.m. See Program Schedule</td>
</tr>
<tr>
<td><strong>P.M.</strong></td>
<td>Walk Around Lunch: In Exhibit Area 12:00 p.m. - 1:30 p.m.</td>
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<td></td>
<td>Operator Competition: B/G 12:30 p.m. - 4:30 p.m.</td>
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<tr>
<td></td>
<td>Technical Sessions: Same as Wednesday a.m. 1:30 p.m. - 4:00 p.m. See Program Schedule</td>
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<tr>
<td></td>
<td>Exhibits Social Hour: In Exhibit Area 4:00 p.m. - 5:00 p.m.</td>
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<tr>
<th><strong>Thursday</strong></th>
<th><strong>October 11, 2012</strong></th>
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<td><strong>A.M.</strong></td>
<td>Registration Opens: Convention Center Entrance 8:00 a.m.</td>
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<td></td>
<td>Vendor Exhibits: Convention Center I-VIII 8:00 a.m. - 11:45 a.m.</td>
</tr>
<tr>
<td></td>
<td>Technical Sessions: Same as Wednesday a.m. 8:00 a.m. - 11:45 a.m. See Program Schedule</td>
</tr>
<tr>
<td><strong>P.M.</strong></td>
<td>Operator Luncheon: Convention Center D/E 12:00 p.m. - 1:20 p.m.</td>
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<tr>
<td></td>
<td>Business Meeting Convention Center D/E 12:30 p.m. - 1:20 p.m.</td>
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<tr>
<td></td>
<td>Plant Tour Departure: East Entrance 1:30 p.m. - 4:30 p.m. Pre-sign at WWOA registration</td>
</tr>
<tr>
<td></td>
<td>Bluffview Sanitary District and US Army Facility at Badger Army Ammunition Plant (BAAP) Groundwater Remediation System</td>
</tr>
<tr>
<td></td>
<td>Technical Sessions: Same as Wednesday a.m. 1:30 p.m. - 4:00 p.m. See Program Schedule</td>
</tr>
<tr>
<td></td>
<td>Social Hour: III&amp;IV&amp;V&amp;VI 6:00 p.m.</td>
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<tr>
<td></td>
<td>Awards Banquet: A/B/G/H 7:00 p.m.</td>
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<td></td>
<td>Entertainment: A/B/G/H 9:00 p.m.</td>
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<tr>
<th><strong>Friday</strong></th>
<th><strong>October 12, 2012</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>A.M.</strong></td>
<td>Farewell Breakfast: A/B/G/H 8:30 a.m. - 10:30 a.m. Paul Kent</td>
</tr>
</tbody>
</table>
2012
WWOA CONFERENCE
GOLF OUTING

Christmas Mountain Village
S944 Christmas Mountain Road
Wisconsin Dells, WI 53965

Date: Tuesday, October 9, 2012
Time: 10:00 a.m. Sharp “Shotgun Start”
18 Hole Scramble Format
Prizes: Longest drive, longest putt, closest to pin, door prizes, and other special awards.
Cost: WWOA Members, Manufacturers, Engineers, Suppliers and Conference Attendees – $58.00
Cost Includes: ½ motorized cart, 18 holes golf, box lunch, 2 drink tickets, snacks provided and cash bar during award/prize drawing at Christmas Mountain Club House.

Payment must be received no later than September 28, 2012 with names of foursome or individuals. (Committee will assign if not in foursome).

Please RSVP early as we are limited to 100 participants.

No refunds after September 28, 2012 unless course is closed by decision of Club Management. Day of event, rain checks would be issued for play, accepted through 2013 season.

Appropriate golf attire required.

Go to www.christmasmountainvillage.com/ for more information.
WWOA Sporting Clays
Registration Form

Name: ____________________________________

Address: __________________________________

City: _____________________________________

State/Zip: _________________________________

Part of Three/Foursome?      Yes     No

Others in my Group:
________________________________________
________________________________________
________________________________________

# paid ______ X $35 each

MAKE CHECK PAYABLE TO WWOA

MAIL REGISTRATION CARD AND FEE TO:

RICHARD D MCKEE
WWOA EXECUTIVE SECRETARY
24184 FAWN MEADOW LANE
RICHLAND CENTER WI  53581

WWOA SPORTING CLAYS
Woods & Meadow
N4335 Potter Road
Warrens, WI 54666

Date: Tuesday, October 9, 2012

Time: 10:00 A.M.  Sharp “Shot Gun Start”

Prizes: 1st, 2nd, & 3rd place team—Best Individual Score

Cost: WWOA Members, Manufacturers, Engineers, Suppliers, and Conference Attendees - - - $35.00

Cost Includes: 10 station/50 target shoot, (you may bring your own shells or purchase at Woods & Meadows) scorecards, lunch served during awards/prize drawing.

Other Services: Cash Bar after shoot!

Payment must be received no later than September 28, 2012 with names of three/foursome or individual’s. (Committee will assign if not in three/foursome).

Please RSVP early as we are limited to 80 participants.

No refunds after September 28, 2012 unless course is closed by decision of Club

Driving Directions from I-94

Exit at #128, Millston
Turn East onto County O, drive 7 miles
Turn Left (North) on Potter Rd.  (There is a Woods & Meadow sign at this intersection.)
One Mile on Potter Rd. Woods & Meadow is on the left.
### WWOA Pre-Conference Workshops

**Tuesday, October 9, 2012**

**1:00 p.m. - 4:00 p.m.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Moderator</th>
<th>Workshop #1 Portia/Wisteria</th>
<th>Workshop #2 Guava/Tamarind</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 p.m.</td>
<td>Bruce Bartel</td>
<td>Time To Get Back to the Basics in Lab Testing</td>
<td>Industrial network Hacking and awareness Seminar</td>
</tr>
<tr>
<td>to 2:25 p.m.</td>
<td>George Bowman &amp; Rick Mealy</td>
<td>Matt Cowell ---- The New World of SCADA Security</td>
<td>Michael Minkebige</td>
</tr>
<tr>
<td>2:25 p.m.</td>
<td></td>
<td>Break</td>
<td>Break</td>
</tr>
<tr>
<td>to 2:40 p.m.</td>
<td></td>
<td>Workshop #1 Portia/Wisteria</td>
<td>Workshop #2 Guava/Tamarind</td>
</tr>
<tr>
<td>2:40 p.m.</td>
<td></td>
<td>Time To Get Back to the Basics in Lab Testing (Continued)</td>
<td>SCADA System Maintenance. Really? Eric M. Fisher ---- Communication is the Key! (To Successful SCADA Design and Implementation) Steve Muther Debbi Goehner</td>
</tr>
</tbody>
</table>

#### Registration Form

**Name:**

**Address:**

**City:**

**State:**

**Zip Code:**

**Phone:**

**Employer:**

**Workshop #:**

**Cost:**

- **$25.00 Pre-Registration**
- **$30.00 On-Site**

**Includes refreshments between workshops**

**DNR Credit Hours Available for Full 1:00 p.m. to 4:00 p.m. Workshop Attendance**

**MAKE CHECK PAYABLE TO WWOA**

**MAIL REGISTRATION CARD & FEE TO:**

**RICHARD D MCKEE**

**WWOA EXECUTIVE SECRETARY**

**24184 FAWN MEADOW LANE**

**RICHLAND CENTER WI 53581**
WWOA 46th Annual Conference Registration
October 9 – 12, 2012 – Wisconsin Dells, WI

Registration Form
(fill out one registration form for each person attending)

Name (Last, First, M.I.)  Email address

Employer:  Firm Name (If Manufacturer or Consultant):

Mailing Address:  City  State  Zip Code

Phone:  Position/Title:

Regional Affiliation:  SE  NW  Southern  LM  NC  WC

Member Affiliation:  Municipal  Consultant  Industrial Operator  Manufacturer/Sales  Educator

☐ 2011-2012 (Last Year’s Directory) No Charge

Pre-Registration (Prior to September 28, 2012)

- WWOA Member  ................. $80.00
- Non-Member  ................. $135.00
- Non-Member plus WWOA Membership (Pre-Registration only)  ................. $130.00
- Retiree (Must be at least 60 years old & retired from wastewater industry)  ................. $40.00
- Student (Must send copy of valid student ID)  ................. $40.00

On-Site Registration (After September 28, 2012)

- WWOA Member  ................. $130.00
- Non-Member  ................. $185.00
- Retiree (Must be at least 60 years old & retired from wastewater industry)  ................. $45.00
- Student (Must provide copy of valid student ID)  ................. $45.00
- Substitute or Re-Print Charge  ................. $20.00

Additional Functions

- Operators Business Lunch (Poulet Champignon)  ................. No. of Tickets ...... @ $20 each
- Awards Banquet  ................. No. of Tickets ...... @ $30 each
- Circle Meal Choice:  New York Strip  North Atlantic Haddock  Pork Tenderloin
- Farewell Breakfast (All registered Spouse/Guest are welcome)  ................. No. of Tickets ...... Included with Reg.
- Social Hour (Courtesy of Manufacturers & Consultants)  ................. No Charge
- Pre-Conference Workshop (Please include separate registration form)  ................. $
- Sporting Clays (Please include separate registration form)  ................. $
- Golf Outing (Please include separate registration form)  ................. $
- Spouse/Guest Program (Please include separate registration form)  ................. $
- Meet & Greet (Please check if planning to attend)  ................. $

WWOA Dues – Two Years (If Applicable)

Complete membership application on back of form and return with registration  ................. $50.00

Total Enclosed  $ .................

Enter credit card information in box at top of registration form.

Mail registration form and fees to:

Richard McKee
WWOA Executive Secretary
24184 Fawn Meadow Lane
Richland Center, WI 53581

On-line registration available at: www.wwoa.org

Make checks payable to: WWOA
Manufacturers & Consultants

Sponsorship Fee (In Addition to Conference Registration)
Manufacturing, Consultant Engineering Firms, Sales Firms, Exhibitors, and Contract Operation Firms (one fee per firm) ................... $75.00 _____

Exhibit Fee (Includes Booth Registration & Sponsorship)
Before August 15, 2012 – 8’ x 10’
(One member registration fee included) ........................................ $360.00 _____

After August 15, 2012 – 8’ x 10’
(One member registration fee included) ................................. $550.00 _____

New Membership Option (Registration/Membership Package)

This package is available to non-members only and is available through pre-registration only. Package includes: Conference registration and a two-year membership in WWOA for $130.00. You must fill out the Membership Application section AND the Conference Registration section. Take advantage of this opportunity to add a WWOA Membership – save $5.00 when compared to non-membership registration and save on registration for next year.

Membership Application Form
Name (Last, First, M.I.) ________________________________
Mailing Address: __________________________________ City __________________ State _______ Zip Code ____________
Phone: ___________________________ E-Mail Address: ________________________________
Regional Affiliation: SE _____ NW _____ Southern _____ LM _____ NC _____ WC _____
Member Affiliation: Municipal _____ Consultant _____ Industrial Operator _____ Manufacturer/Sales _____ Educator _____
Septage Operator _____ DNR/EPA _____ Student _____

This applicant is recommended by:
Member Name: ________________________________
City: ___________________________ State: _______

Send Membership Application along with Conference Registration.
ROOM GUIDE

Registration Booth – Booths 1 & 2 in North Atrium (Conference Lobby)

WWOA Promotions – Booth 2 in North Atrium

Pre-Conference Work Shops – Portia/Wisteria and Guava/Tamarind

Regional Officers Meeting – Cypress

Meet and Greet – Convention A/B/G/H

Welcome Address & Keynote – Convention A/H

Technical Sessions – Tamboti/Aloeswood, Portia/Wisteria and Guava/Tamarind

Vendor Exhibits – Convention 1 thru 8

Spouse/Friends Bus Departs – East Entrance Both days

Wednesday Walk Around Lunch – Vendor Exhibit Area

Operator Competition – Convention B/G

Wednesday Social Hour – Vendor Exhibit Area

Spouse/Friends Hospitality Room – Cypress

Thursday Luncheon and Business Meeting – Convention Center D/E

Plant Tour Departs – East Entrance

Social Hour (Thursday Night) – Convention 3/4/5/6

Awards Banquet – Convention A/B/G/H

Entertainment – Convention A/B/G/H

Farewell Breakfast – Convention A/B/G/H
Kalahari Waterpark Resort and Convention Center Reservation Form

All reservations must be received by September 8, 2012. Please mention you will be attending the Wisconsin Wastewater Operators Association conference to receive group rate. Reservation requests received after September 8, 2012 are subject to resort availability. Block is from October 8-11, 2012. To make reservations complete the form below and mail or fax to Kalahari Resorts.

Name:______________________________________

Address:____________________________________

City, State, Zip:______________________________

Arrival Date:_________ Departure Date:_________

Email Address:____________________________________

Type of Room: Hut____ Desert______

Lodge____

Number of Adults:___________________________

Kids_________________________ ($20 per additional person over 4 people)

Only guests that have 5 or 6 people, can request a Desert room that will have 2 queen beds with a pull out sofa sleeper.

To guarantee your reservation, enclose a check for the first nights room and tax or provided a credit card number in the space below. If paying by Purchase Order, the Purchase Order must accompany this form. The Kalahari Resort does not accept checks at check in for payment. All credit cards used will be charged immediately for the first nights lodging and tax. Please bring credit card provided and photo ID at check in. A $25 fee applies to all cancellations. If you cancel your reservation 72 hours or less before the date of arrival, you will forfeit your deposit.

Payment info (Mark One):
Check (In advance): Purchase Order:_________________

Credit Card (Put information below)

Card Type: Mastercard_____ Visa_____ American Express_____ Discover_____

Credit Card Number:___________________________________________

Expiration Date:___________________________

Name on Card:____________________________________

Tax Exempt: Yes_____ No____ If you mark yes, an S211 tax exempt form must accompany this form

Guest Room Rates:
Hut or Desert $99
Lodge $109
Additional Person $20
(More than 4 people)

Tax 11.5%

Guest Room Styles:
Hut: 2 Queen Beds
Desert: 2 Queen Beds with Sofa Sleeper
Lodge: 1 King Bed with Sofa Sleeper

Check in time 4 pm
Check out time 11 am

Mail form to:
Reservation Department
Kalahari Resorts & Convention Center
PO Box 590
Wisconsin Dells, WI 53965

Reservations: (877) 525-2427
Fax to: (608) 254-6116

To make reservations online:
(You must pay by credit card and not be tax exempt to use this option)

Visit us at
www.KalahariResorts.com
1. Click on Wisconsin Dells, WI
2. Click on RESERVENOW
3. Click on Groups
4. Your group ID: 19907
5. Your password: 239
2012 Conference Committees

Local Arrangements & Spouse/Guest Program:
Kelly Zimmer

Technical Program:
Chair: Kevin L. Freber

Sharon Thieszen  Jonathan Butt  Troy Larson  Jeff Bratz  Ken Sedmak
John Bond  Richard McKee  James Bergles  Gary Hanson  Kay Curtin
Rick Mealy  Bruce Bartel  Kelly Zimmer  Tom Kruzick  Doug Nelson
Dave Carlson  Bernie Robertson  Jeremy Cramer  Wade Peterson  Tim Reel
Lyle Lutz  Tom Fitzwilliams  Randy Thater  Bill Ericson

Exhibit & Manufacturers & Consultants Committee:
Chair: Carol Strackbein
Jim Shaw
Dave Dorner
Tom Mulcahy
Dave Dodge

CURRENT YEAR NAME BADGE REQUIRED FOR ADMISSION TO ALL CONFERENCE FUNCTIONS.