As I have moved through my career that is now entering the 5th decade of service to our industry, I have had time to reflect on a lifetime of experiences. My passion is now to share with others my lessons (a few of which have been painful from time to time learned in order to help others who are entering the field, or have recently been promoted to a management/supervisory role become successful (and avoid some of the pitfalls and mistakes that can happen). It is a fact that most people don’t leave their jobs.

Generally speaking, most of us are promoted based upon excelling in strong technical areas. After all, how many of us chose “Leadership” on career day? That was certainly the case with me, nearly 25 years ago, when I was suddenly (and unexpectedly) placed in charge of a large water/wastewater utility. I didn’t have much training in how to lead a team and had been focused more on managing specific tasks to achieve results. My mistakes were frequent and often. Hence, the years since have been the so called “School of Hard Knocks.”

The world has changed much, particularly in the past four years since we entered the “Great Recession.” We are all being asked to do more with less, dealing with more distractions each and every day with elevated stress levels. Multi-tasking and juggling many balls in the air have become the norm. It is ironic, however, that there really is no such thing as “multi-tasking”; rather, what we are really doing is “switch-tasking,” moving from one task to another and losing focus in the process (and our work suffers). The Digital World (stop and count the number of separate devices in our homes, workplace or office) is becoming, at times, all-consuming in our daily lives and we find ourselves responding more and more to distractions. To this day, one thing that I need to discipline myself on is not checking my Blackberry first thing in the morning for emails.

We work in a field that is critical to the ongoing health and economic wellbeing of our country. Water and wastewater services are necessary for life, and are taken for granted and underappreciated. There has never been a more critical time for strong leadership and new leaders to emerge to help us deal with the challenges of the 21st century.

Let’s start with the differences between being a Leader and being a Manager.

- Leaders motivate. Managers direct.
- A Leader does the right things. A Manager does things right.
- Leaders focus on the bigger picture (“vision”). Managers focus on the task at hand.
- Leaders pull. Managers push.
- Leaders are risk takers. Managers are risk averse.

The truth is, however, that to be successful, at times we need to have characteristics of both a Leader and a Manager. Both skill sets are necessary for an organization to be successful. Our job is to get results by motivating others while providing vision and direction.

Some key qualities of a Leader:

- **Serve employees and help them succeed.** “Your success is my success” is a good mantra to keep in mind. It is a natural tendency to be concerned about someone on your team excelling and perhaps outshining you. Don’t be jealous of the accomplishments of others. It makes you look good!
- **Confront issues head on and don’t avoid making difficult decisions.** Be decisive and make the call. Harry Truman once said, “Imperfect action is better than perfect inaction.”
- **Surround yourself with smart people and use their talents together.** The whole is greater than the sum of the individual parts.
- **Find a mentor and someone that you can trust.** Don’t be shy about seeking advice from others. Ask for feedback and accept it as constructive criticism and opportunities for improvement.
- **Don’t be afraid of change.** Instead, embrace it. Change has become the norm, rather than the exception. Simply put, “The world is moving really fast.”
- **Show empathy and concern.** The most important thing you can do is spend a few minutes of quality time each day listening to others. Face-to-face communication is essential. You would be surprised how your message or story can change once it goes through just a couple of others.
- **Listen far more than you talk and carefully consider what is being said before you respond.** In other words, think before you speak. So much of our daily communication is non-verbal. It’s not so much the words, but how you say them.
- **Praise in public, reprimand in private.** The tongue is one of the smallest muscles in the body but can inflict damage to another’s spirit and self-esteem.

One of the most interesting things I have observed is how an organization will take on the personality and mannerisms of the leader. People are watching us each and every day, even when we don’t think so. If we walk around looking like the weight of the world is on our shoulders, this will impact the morale of the entire team.

You know, there is an old expression, “Your attitude in life will determine your altitude.” Ralph Waldo Emerson once said, “Nothing is ever accomplished without enthusiasm.” Enthusiasm is the spice of life. One of the best habits that would recommend is reading at least one positive book each month. One that I would highly recommend is The Power of Attitude by Mac Anderson (who founded the company Successories).

It is my hope that I may share more of the lessons of life and leadership with you in future issues of AZ Water. In the meantime, please feel free to contact me at fkriess@stes.com if you have any questions or feedback. Life is a long learning process where we learn from each other.
PRIMM, NEVADA

SEMINAR REGISTRATION
Register online. Our web site is: www.tristateseminar.com. You may also print, complete and mail the attached registration form with payment to:
Tri-State Seminar
Attn: Annette Duarte
P.O. Box 11220
Tucson, Arizona 85734-1220

Registration Packets for pre-registered attendees will be mailed. The packet will include name badge, receipt and drink tickets.

PLEASE NO CERTIFIED MAIL

REGISTRATION FEES
$95.00 prior to 8/31/2012
$120.00 after 8/31/2012
$30.00 Returned Check Fee will apply.

Registrations received after 9/16/12 will not be mailed. Packets will be available for pickup at Primm Valley Resort Conference Center on Monday, September 24, 2012 4:00 p.m. to 6:00 p.m.

REGISTRATION HOURS:
Tuesday – Thursday
September 25–27, 2012
7:00 a.m. – 5:00 p.m.

CANCELLATIONS & REFUNDS
Written cancellation notice is required, and must be received at least 30 days prior to the conference date. A 25% service fee shall be retained on all cancellations. No refunds will be given for cancellations made less than 30 days prior to conference.

EXHIBIT HALL HOURS
DESSERT STAR ARENA @ BUFFALO BILL’S
View over 200 Exhibitors. For a list of vendors please go to our web site at: tristateseminar.com/exhibitors.

Tuesday – September 25, 2012
3:30 p.m. – 7:00 p.m.
Wednesday – September 26, 2012
3:30 p.m. – 6:30 p.m.

GOLF TOURNAMENT
JOIN US AT Primm Valley Golf Club for the annual golf tournament on Tuesday, September 25, 2012.
Registration: 5:30 a.m.
Tee off: 8:00 a.m.
Lunch & Awards: 12:00 Noon (Cash Bar)

No-Host beverage cart will be available on the course. Dress Code: Soft spikes only. Shirts with sleeves and collars, shorts must be hemmed, no athletic shorts or blue jeans.

GOLF REGISTRATION
On-line registration at www.tristateseminar.com or mail the attached form with full payment to: Tri-State Seminar on the River

GOLF FEES
$130.00 prior to 8/31/2012
$155.00 after 8/31/2012

GOLF TEE SPONSORSHIP
The Tri-State Golf Committee is asking for your assistance with the annual tournament. Tee sponsorships are available for $250.00. Firms wishing to donate prizes should contact Mark Graham at 760-328-6896. For hole or tees sponsorships, go to www.tristateseminar.com/golf.

HOTEL ACCOMMODATIONS
31900 Las Vegas Boulevard South,
Primm, Nevada 89019

1 (800) FUN-STOP
1 (800) 386-7867
Hotel Code: SCT2012
Room Reservation hours:
Mon. – Sun.: 7:00 A.M. – 11:00 P.M.

<table>
<thead>
<tr>
<th>CHECK IN</th>
<th>MON – FRI: 3:00 P.M.</th>
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</thead>
<tbody>
<tr>
<td>CHECK OUT</td>
<td>SAT – SUN: 4:00 P.M.</td>
</tr>
<tr>
<td>12:00 P.M. (Noon)</td>
<td>7 days a week</td>
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NOTE: Name and Date changes and cancellations after cutoff date will be at the hotel’s discretion.

Resorts are located just 35 miles south of Las Vegas on I-15 at the California/Nevada state line. Directions: If you’re traveling from Phoenix proceed to Laughlin, NV on 93 thru Wickenburg, AZ to Laughlin. At Searchlight, CA take 164 to I-15 turn right. Proceed 6 miles to Primm, Exit 1.

EARN UP TO 21 PDHS
Where else can you get 21 credit hours from 7 different tracks going on simultaneously, for the price of $95?

FOLLOW US ON FACEBOOK
TRI-STATE SEMINAR
PRIMM, NEVADA

REGISTRATION FORM

Make Check/Money Order Payable to: Tri-State Seminar
C/O Annette Duarte, P.O. Box 11220, Tucson, AZ. 85734 or 201 North Stone Avenue, 8th Floor, Tucson, AZ. 85701

Please fill in all blanks.

Name for Badge ____________________________
Title ____________________________
Employer ____________________________
Address ____________________________
(Address where Registration Packet should be mailed)
City ____________________________ State ____________________________ Zip ____________________________ Phone ____________________________
FAX ____________________________ Attendee Email: ____________________________

Guests Attending ____________________________ Credit Card Information (Visa, MasterCard, Amex., Discover Card only)

Credit Card Type: ____________________________ Credit Card #: ____________________________

Three Digit Code: ____________________________ Expiration Date: ____________________________
(Found on back of card) Cardholder Signature ____________________________

Special Services

( ) Please check here if you require special accommodations to fully participate.

Attach a written description of your needs

( ) Please check here if you DO NOT wish to have your information/email addressed published/shared with our exhibitors.

REGISTRATION FEES

Early-Registration prior to 8/31/12 $95.00 Amount Enclosed: ____________________________
Registration - After 8/31/12 $120.00 Amount Enclosed: ____________________________
Guest Fee Number x $ 15.00 Amount Enclosed: ____________________________
Golf Registration-Prior to 8/31/12 Number x $130.00 Amount Enclosed: ____________________________
Golf, Registration After 8/31/12 Number x $155.00 Amount Enclosed: ____________________________

Total Registration Fees ____________________________

Golfers Name ____________________________
Golfers Name ____________________________
Golfers Name ____________________________
Golfers Name ____________________________
Tee Sponsorship Fee $250.00 Amount Enclosed: ____________________________
Tee Sponsor Name ____________________________
Circle your Primary Certification

Arizona ____________________________ California ____________________________ Nevada ____________________________ Other: ____________________________
Wastewater ____________________________ Water ____________________________

A $25.00 RE-PRINTING PACKAGE FEE WILL BE CHARGED
Refund Deadline - August 31, 2012, All refunds subject to a 25% Cancellation Fee
The Tri-State Seminar on the River Committee involving AWPCA, CWEA, and NWEA is proud to announce the 28th Annual Tri-State Seminar on the River for 2012. Our efforts continue to focus on the educational opportunities for all attendees. Our objectives are to provide each attendee with continuing education credits and professional development hours through our technical training seminars in water, wastewater, water re-use advance technologies and safety.

To make this annual meeting affordable for the operators, we are encouraging you to consider being a sponsor at this year’s event. Your sponsorship of this conference will be greatly appreciated by the committee and all the attendees.

As stated on the cover letter of this prospectus, anyone wishing to purchase a Gold or Silver sponsorship will receive preferential booth assignment (one of the 25 end caps – until they are sold out).

### Recognition Facts & Information

Recognition will be by signage in event areas. All sponsors will be recognized in the program. Gold Level sponsors will also receive a link to their website on the Tri-State website.

The Gold Level will be recognized for all events. The Silver Level will include signage in the exhibit hall and registration area, a tee sponsor sign at the Golf Tournament and a listing in the program. The Copper Level will be recognized by a tee sponsor sign at the Golf Tournament and a listing in the program.

For Gold Level sponsors, if you would like your logo incorporated into the signage, please provide it in an “electronic” format such as a bmp, jpg, or wmf file. Please e-mail your logo to tri-state@mesimpson.com by June 30, 2012.

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**SPONSORSHIP OPPORTUNITY LEVELS**

**GOLD**
- $750.00
- A link on our website to your website
- All Silver & Copper Events

**SILVER**
- $500.00
- Exhibit Hall & Registration Area
- Golf Tournament, Tee Sponsor
- Program Listing

**COPPER**
- $250.00
- Golf Tournament, Tee Sponsor
- Program Sponsor Listing

---

**Company Name:**

**Contact Person:**

**E-Mail Address:**

**Credit Card #:**

**Expiration Date:**

**Address:**

Street Address or P.O. Box, City, ZIP, where you receive your credit card bill

Circle Sponsorship Level:

- Gold
- Silver
- Copper
- Tee

Circle the Credit Card Type:

- Amer
- Ex
- Master
- Card
- Visa

**Total**

---

If you are using a credit card you may fax your completed forms to (888) 531-2444. Confirm receipt of fax at (800) 255-1521. Paying by Check (checks payable to Tri-State Seminar on the River) Mail the Form & Check to: Tri-State Seminar, c/o M.E. Simpson Co., Inc., 3406 Enterprise Ave., Valparaiso, IN 46383

Questions and logos for publication should be e-mailed to: tri-state@mesimpson.com
JOIN US AT Primm Valley Golf Club for the annual golf Tournament Tuesday, September 25th, 2012. Registration: 6:30 a.m. *Tee off: 8:00 a.m. *Lunch & Awards: 12:00 noon (cash bar) No-Host beverage cart will be available on the course.

Dress Code: Soft spikes only. Shirts with sleeves and collars, shorts must be hemmed, no athletic shorts or blue jeans.

Registration
On-Line registration at the Tri-State website [http://www.tristateseminar.com](http://www.tristateseminar.com) or mail the form below with full payment.

Fees $130.00 per golfer prior to August 31, 2012; $155.00 after August 31, 2012.

Golf Tee Sponsorship

The Tri-State Golf Committee is asking for your assistance with the annual tournament. Tee sponsorships are available for $250.00. Tee Sponsorships forms are available online.

Firms wishing to donate prizes should contact Mark Graham at 760-328-6896. For hole sponsorship, go to [www.tristateseminar.com/golf](http://www.tristateseminar.com/golf) for the sponsorship flyer.

GOLF REGISTRATION FORM

Player(s) Names

1) ____________________________ 2) ____________________________
3) ____________________________ 4) ____________________________

Billing Information:

Name ____________________________ Company ____________________________
Address ______________________________________________________________
City ____________________________ State _____ Zip _____
Phone ______________ Fax ______________ Email ______________

Fees & Sponsorships

<table>
<thead>
<tr>
<th></th>
<th># Players</th>
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<tbody>
<tr>
<td>Before 8/31/2012</td>
<td>$130.00</td>
<td></td>
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<tr>
<td>After 9/31/2012</td>
<td>$155.00</td>
<td></td>
</tr>
<tr>
<td>Tee Sponsorship</td>
<td>$250.00</td>
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</tr>
<tr>
<td>Golf Total</td>
<td>TOTAL</td>
<td></td>
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</tbody>
</table>

Mail Registration Form with Check, Money Order or Credit Card payable to:
Tri-State Seminar on the River
Attn: Annette Duarte
P.O. Box 11220
Tucson, AZ 85734-1220

Check or Money Order Enclosed [ ] Yes [ ] No or Credit Card Information (Visa/MasterCard only)

Credit Card Type ____________________ Credit Card #: ____________________

Three Digit Security Code ____________ Expiration Date ____________________
## TENTATIVE PROGRAM
### TRI-STATE SEMINAR ON THE RIVER 2012
### TUESDAY, SEPTEMBER 25, 2012

### WASTEWATER TREATMENT TRACK

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>TEMPTATION</td>
<td>Richard Hopkins, Hopkins Technical Products, Inc</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>INNOVATION IN BIOSOLIDS MANAGEMENT</td>
<td>Sally Coleman and Sandy Warren, Ventura Regional Sanitation District</td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>HOW TO DISINFECT WITH BLEACH</td>
<td>Wyatt Travel, Sr. Process Specialist, WTR Science Group/EverVention</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>INSTALLING AND USING WIFI AT HILL CANYON WASTEWATER TREATMENT PLANT</td>
<td>Steve Broglio, City Of Thousand Oaks Public Works</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>TRAINING THE NEXT WORKFORCE</td>
<td>Ran Schuyler and Sean Scouras, Tetro Tech, Inc</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>AERObic DIGESTION SURVIVAL LESSONS</td>
<td>Wyatt Travel, Sr. Process Specialist, WTR Science Group/EverVention</td>
</tr>
<tr>
<td>3:00-3:50</td>
<td>SEVEN HIGHLY EFFECTIVE HABITS FOR ASPC</td>
<td>Ran Schuyler, Tetro Tech, Inc</td>
</tr>
</tbody>
</table>

### WATER TREATMENT AND SURFACE WATER

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>DESPERADO</td>
<td>Chasse Lauterbach, Ph.D., P.E., Garlock Engineers</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>USING TOC TO LIMIT DBP AND SAVE COSTS</td>
<td>Edin Endlau, Product Manager, GE Analytical Instruments</td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>FERNLEY NV'S ARSENIC REMOVAL WTP</td>
<td>Michael Zavala, GDM South</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>GLENDALE WATER SUPPLY IMPROVEMENT PROJECT</td>
<td>Mike Wilkin, P.E., Stantec Consulting</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>CORRECTING WATER QUALITY ISSUES IN AYRA VALLEY, AZ</td>
<td>Chris Ward, Agra water Corp</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>PRACTICAL APPROACH TO ASSET MANAGEMENT</td>
<td>Charles Scott, Las Vegas Water Valley District</td>
</tr>
<tr>
<td>3:00-3:50</td>
<td>CLINICAL WATER TREATMENT FACILITIES</td>
<td>Richard Gilmore, Southern Nevada Water System</td>
</tr>
</tbody>
</table>

### LABORATORY TRACK

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>MOJAVE</td>
<td>Dianne Frydrych, Legend Technical Services</td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>USE OF OZONE IN WATER RECLAMATION FOR CONTAMINANT OXIDATION AND</td>
<td>Todd Tielken, Southern Nevada Water Authority</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>CONNECTION - Ann Gerber, Russell Technologies</td>
<td>Tetro Tech, Sean Scouras</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>RECYCLE TO REDUCE COST OF A GOOD THING</td>
<td>Ran Schuyler, Tetro Tech, Inc</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>IF YOUR SLUDGE ACTIVATED? USE S.O.U.R</td>
<td>Tetro Tech, Sean Scouras</td>
</tr>
<tr>
<td>3:00-3:50</td>
<td>TBD</td>
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</tbody>
</table>

### WATER DISTRIBUTION TRACK

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>WISKEY PETE'S</td>
<td>Christopher Hill, Metre Water District, Tucson, AZ</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>REDUCING RISKS AND COSTS - RIS, ARR, AND PUMP EFFICIENCY</td>
<td></td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>SOLUTIONS FOR WATER QUALITY ISSUES IN YOUR WATER STORAGE TANK</td>
<td>Mark Moore, DN Tanks-Concrete Tank Services</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>THREE TOOLS TO REDUCE DBPs IN YOUR SYSTEM</td>
<td>Dr. Peter S. Tiske, FAX Water Technologies, Inc</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>FIRE HYDRANT OPERATING AND MAINTENANCE 101</td>
<td>Scott Mckinley, M&amp;E Simpson Co., Inc</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>CHEAP WATER INFRASTRUCTURE PLANS FOR A SMALL WATER SYSTEMS AND THE</td>
<td></td>
</tr>
<tr>
<td>3:00-3:50</td>
<td>WATER ISSUES OF ARID SAUDI ARABIA</td>
<td>Stephen E. Davis, Malcolm Plinie, The Water Division of ARCADIS</td>
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</tbody>
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### SAFETY AND SECURITY

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<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>NFPA 70E 2012 PERSONAL PROTECTION EQUIPMENT</td>
<td>Greg Holmgren, Western Regional Account Mgr., Champion Company</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>HANDS-ONLY CPR</td>
<td>Carlos Valdez, ASM, Concho Valley Water District</td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>CONDUCTING A USEFUL SAFETY AUDIT PART 1</td>
<td>John Bannen</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>CONDUCTING A USEFUL SAFETY AUDIT PART 2</td>
<td>John Bannen</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>OSHA’S SEVERE VIOLATOR ENFORCEMENT PROGRAM</td>
<td>Wayne Ziemann, Workplace Safety Specialists</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>2012 NFPA 70E, ADDITIONS AND REVISIONS</td>
<td>Wayne Ziemann, Workplace Safety Specialists</td>
</tr>
<tr>
<td>3:00-3:50</td>
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### WASTEWATER COLLECTIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>REFLECTIONS</td>
<td>Terese Valentine, Ph.D., P.E., Valentine Environmental Engineers</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>HISTORY AND EVOLUTION OF SEWER PIPELINES</td>
<td>Dave Badaio, Spencer Engineering</td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>SAFE DIG HYDROEXCAVATING SAFETY &amp; PROCEDURES</td>
<td>Cary Cleatt, Hooker Equipment</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>MANAGING H2S FOR ODOR AND CORROSION CONTROL</td>
<td>Rick Allen, Rincon, Inc</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>H2S CONVEYANCE SYSTEM SOLUTIONS</td>
<td>Scott Heinrich, P.E., PDX USA LLC</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>FLOW PRESSURE AND CARE OF ROODER HOSE AND NOZZLES</td>
<td>Cary Cleatt, Hooker Equipment</td>
</tr>
<tr>
<td>3:00-3:50</td>
<td>COLLECTION SYSTEM BASIN MAINTENANCE MAXIMIZE PRODUCTION MINIMIZE</td>
<td>Chris Lopez, Rancho California Water District</td>
</tr>
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### PRISTINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:30-8:20</td>
<td>PRISTINE</td>
<td>Greg Holmgren, Western Regional Account Mgr., Champion Company</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>PROJECTS ONLY RPR</td>
<td>Carlos Valdez, ASM, Concho Valley Water District</td>
</tr>
<tr>
<td>9:40-1:40</td>
<td>CONDUCTING A USEFUL SAFETY AUDIT PART 2</td>
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<td>TBA</td>
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ALL DISTRIBUTION CLASSES WILL BE HELD AT WHISKEY PETE’S
TENTATIVE PROGRAM
TRI-STATE SEMINAR ON THE RIVER 2012

WEDNESDAY, SEPTEMBER 26, 2012

MAINTENANCE TRACK

<table>
<thead>
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<th>Time</th>
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<tr>
<td>7:30 - 8:20</td>
<td>2106</td>
<td>VARIOUS FREQUENCY DRIVE MAINTENANCE AND PROGRAMMING&lt;br&gt;&lt;br&gt;BRATER &amp; GE ENERGY</td>
</tr>
<tr>
<td>8:30 - 9:20</td>
<td>2206</td>
<td>WATER TANK SELECTION, CONSTRUCTION AND MAINTENANCE PART 1&lt;br&gt;&lt;br&gt;MATT TSADRO, JOHN HAKE, SUPERIOR TANK SOLUTIONS, INC.</td>
</tr>
<tr>
<td>9:40 - 10:30</td>
<td>2306</td>
<td>WATER TANK SELECTION, CONSTRUCTION AND MAINTENANCE PART 2&lt;br&gt;&lt;br&gt;MATT TSADRO AND JOHN HAKE, SUPERIOR TANK SOLUTIONS, INC.</td>
</tr>
<tr>
<td>10:40 - 11:30</td>
<td>2406</td>
<td>PLUNGE ROLLING/GETS/PERITALM WAX&lt;br&gt;&lt;br&gt;Rich Varela, TBRC FASTEEDER</td>
</tr>
<tr>
<td>12:50 - 1:40</td>
<td>2506</td>
<td>WATER WELL MAINTENANCE AND REHABILITATION, PART 1&lt;br&gt;&lt;br&gt;GEORGE BATES</td>
</tr>
<tr>
<td>2:00 - 2:50</td>
<td>2606</td>
<td>WATER WELL MAINTENANCE AND REHABILITATION, PART 2&lt;br&gt;&lt;br&gt;GEORGE BATES</td>
</tr>
<tr>
<td>3:00 - 3:50</td>
<td>2706</td>
<td>UNDERSTANDING AND MAINTAINING MEMBRANE FILTERS&lt;br&gt;&lt;br&gt;William Lukasik, Woodward &amp; Clyde</td>
</tr>
</tbody>
</table>

WASTEWATER TREATMENT TRACK

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>2110</td>
<td>BIO-NUTRIENT REMOVAL&lt;br&gt;&lt;br&gt;Rick Akin, Biovance</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>2210</td>
<td>GAS DETECTION FUNDAMENTALS&lt;br&gt;&lt;br&gt;Joe Goff, Industrial Scientific</td>
</tr>
<tr>
<td>9:40-10:30</td>
<td>2310</td>
<td>OPERATOR EXAM REVIEW&lt;br&gt;&lt;br&gt;Paul Karsch</td>
</tr>
<tr>
<td>10:40-11:30</td>
<td>2410</td>
<td>PRIME WWTP TOUR&lt;br&gt;&lt;br&gt;Paul Karsch</td>
</tr>
<tr>
<td>12:50-1:40</td>
<td>2510</td>
<td>OPERATOR EXAM REVIEW&lt;br&gt;&lt;br&gt;Paul Karsch</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>2610</td>
<td>OPERATOR EXAM REVIEW&lt;br&gt;&lt;br&gt;Paul Karsch</td>
</tr>
<tr>
<td>3:00-3:50</td>
<td>2710</td>
<td>OPERATOR EXAM REVIEW&lt;br&gt;&lt;br&gt;Paul Karsch</td>
</tr>
</tbody>
</table>

INSTRUMENTATION/ELECTRICAL TRACK

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>2103</td>
<td>HANDHELD, SMARTPHONE, iPAD...WHAT DO WE USE?&lt;br&gt;&lt;br&gt;Mike Tidwell &amp; Associates, LLC</td>
</tr>
<tr>
<td>8:20-9:15</td>
<td>2203</td>
<td>ELECTRICAL MAINTENANCE FOR SAFETY II&lt;br&gt;&lt;br&gt;David Keger, Emerson Network Power/Electrical Reliability Services, Inc.</td>
</tr>
<tr>
<td>9:15-10:15</td>
<td>2303</td>
<td>ELECTRICAL MAINTENANCE FOR SAFETY III&lt;br&gt;&lt;br&gt;David Keger, Emerson Network Power/Electrical Reliability Services, Inc.</td>
</tr>
<tr>
<td>10:15-11:00</td>
<td>2403</td>
<td>ELECTRICAL MAINTENANCE FOR SAFETY IV&lt;br&gt;&lt;br&gt;David Keger, Emerson Network Power/Electrical Reliability Services, Inc.</td>
</tr>
<tr>
<td>11:00-12:00</td>
<td>2503</td>
<td>ONLINE CHLORINE ANALYZER METHODS&lt;br&gt;&lt;br&gt;Bill Kelly-Seven-Tarts Service</td>
</tr>
<tr>
<td>12:00-1:25</td>
<td>2603</td>
<td>ULTRASONIC TRANSDUCERS, TECHNOLOGY, USES, CALIBRATION&lt;br&gt;&lt;br&gt;Dave Savvides and Bruce Tucker, B&amp;B Oilfield</td>
</tr>
<tr>
<td>1:25-2:35</td>
<td>2703</td>
<td>ADVANTAGES OF FLOW CONDITIONING FOR THERMAL DISPERION FLOW Meters&lt;br&gt;&lt;br&gt;Stephen Cox, Fluid Components, Inc.</td>
</tr>
</tbody>
</table>

WATER TREATMENT AND SURFACE WATER

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-8:20</td>
<td>2104</td>
<td>ELECTROLYTIS IN WATER TREATMENT&lt;br&gt;&lt;br&gt;Lisa Bales, L. Bales Consulting Inc.</td>
</tr>
<tr>
<td>8:30-9:20</td>
<td>2204</td>
<td>GLENDALE WATER SYSTEM OPTIMIZATION&lt;br&gt;&lt;br&gt;Shawn Hopper, P.E., City of Glendale</td>
</tr>
<tr>
<td>9:20-10:30</td>
<td>2304</td>
<td>ADVANCES IN ON-SITE SODIUM HYPOCHLORITE GENERATION&lt;br&gt;&lt;br&gt;Gunner Thorodson, Process Solutions Inc./MicroChlo</td>
</tr>
<tr>
<td>10:30-11:30</td>
<td>2404</td>
<td>STARTUP &amp; OPERATION OF THE AI-CHIN INDIAN COMMUNITY SURFACE WATER TREATMENT PLANT&lt;br&gt;&lt;br&gt;Bryan Hvey, Garriola Engineering</td>
</tr>
<tr>
<td>11:30-12:30</td>
<td>2504</td>
<td>MONOCHLORAMINE MONITORING: RELIABLE ANALYSIS. SAFER DRINKING WATER&lt;br&gt;&lt;br&gt;Randy Turner, Swan Analytical, USA</td>
</tr>
<tr>
<td>12:30-3:00</td>
<td>2604</td>
<td>SOUTHERN NEVADA NELA WATER AUTHORITY 3&lt;br&gt;&lt;br&gt;TBD</td>
</tr>
<tr>
<td>2:00-2:50</td>
<td>2704</td>
<td>TBD</td>
</tr>
</tbody>
</table>

ALL DISTRIBUTION CLASSES WILL BE HELD AT WHISKEY PETE’S
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:20 A.M.</td>
<td>RECLAIM PHASE</td>
<td>TENTATIVE PROGRAM</td>
</tr>
<tr>
<td>10:30 A.M.</td>
<td>MAJOR PROTECTION OR DREDGED WATER STORM RECLAIM</td>
<td>TENTATIVE PROGRAM</td>
</tr>
<tr>
<td>11:00 A.M.</td>
<td>WATER TREATMENT</td>
<td>TENTATIVE PROGRAM</td>
</tr>
<tr>
<td>12:50 P.M.</td>
<td>WATER USE AND DISCHARGES</td>
<td>TENTATIVE PROGRAM</td>
</tr>
<tr>
<td>1:20 P.M.</td>
<td>WATER QUAILITY</td>
<td>TENTATIVE PROGRAM</td>
</tr>
<tr>
<td>1:50 P.M.</td>
<td>WATER TREATMENT</td>
<td>TENTATIVE PROGRAM</td>
</tr>
<tr>
<td>2:20 P.M.</td>
<td>WATER DISTRIBUTION</td>
<td>TENTATIVE PROGRAM</td>
</tr>
</tbody>
</table>

**TRI-STATE SEMINAR ON THE RIVER 2012**

**TENTATIVE PROGRAM**

**TRI-STATE SEMINAR ON THE RIVER 2012**

**ALL DISTRIBUTION CLASSES WILL BE HELD AT WHISKEY PETES**

**AZ Water Association | Summer 2012**
The Pretreatment Training Workshop
Wednesday and Thursday
November 7-8, 2012
GateWay Community College, Phoenix, Arizona

Wednesday November 7, 2012 – 8:00 a.m. to 5:00 p.m.

<table>
<thead>
<tr>
<th>Topic</th>
</tr>
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<tbody>
<tr>
<td>Overview of the National Pretreatment Program</td>
</tr>
<tr>
<td>Regulatory Update for Treatment Coordinators</td>
</tr>
<tr>
<td>Legal Authority</td>
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<tr>
<td>Industrial User Identification and Classification</td>
</tr>
<tr>
<td>Industrial User Permitting</td>
</tr>
<tr>
<td>Prohibitions and Categorical Standards</td>
</tr>
<tr>
<td>Local Limits</td>
</tr>
<tr>
<td>Inspections and POTW Monitoring</td>
</tr>
<tr>
<td>Reporting Requirements</td>
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<tr>
<td>Data Management and Compliance Evaluation</td>
</tr>
<tr>
<td>Civil Enforcement</td>
</tr>
<tr>
<td>Resources and Funding</td>
</tr>
<tr>
<td>Pollution Prevention</td>
</tr>
</tbody>
</table>

Thursday November 8, 2012 – 8:00 a.m. to 5:00 p.m.

<table>
<thead>
<tr>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Update for Treatment Coordinators</td>
</tr>
<tr>
<td>Overview of Pretreatment Technologies</td>
</tr>
<tr>
<td>POTW’s Procedures for Conducting Compliance Inspection and Monitoring</td>
</tr>
<tr>
<td>Emerging Contaminants Overview</td>
</tr>
<tr>
<td>NPDES Permit Writers’ Training</td>
</tr>
<tr>
<td>Metering Stations Technology (Flow Metering and Sampling Collection)</td>
</tr>
<tr>
<td>Management of Unused Pharmaceuticals and the Proposed Universal Waste Rule</td>
</tr>
<tr>
<td>Completing Annual and Quarterly Reports to ADEQ and EPA</td>
</tr>
</tbody>
</table>

Workshop Contacts

Gus Lopez 602-882-1750, Gus.Lopez@wilson-engineers.com
Shelby Dill 480-893-8860, Shelby.Dill@wilson-engineers.com
DISINFECTION AND REUSE

Disinfect effluent to stringent permit levels, without using chemicals. Meet the TrojanUVFit™ – our closed-vessel wastewater UV solution for high-level disinfection and reuse. This compact, energy-efficient reactor is available in multiple configurations and treats a wide range of flow rates. And don’t worry about those chlorine-resistant microorganisms anymore; TrojanUVFit™ lethally inactivates them along with bacteria and viruses.

Wastewater reuse, compact design and validated performance. That’s UV innovation. That’s TrojanUVFit™.

See the light at trojanuv.com/fit.
CALL FOR ABSTRACTS

Abstracts Due: November 9, 2012

May 1-3, 2013
Renaissance Glendale Hotel & Spa, Glendale, Arizona

GENERAL INSTRUCTIONS

Individuals interested in presenting at AZ Water’s 85th Annual Conference & Exhibition must submit the following four documents by November 9, 2012:

1) Complete the Abstract Submittal Form
2) Provide a one page abstract describing the subject matter in sufficient detail to allow evaluation of the proposed topic.
3) Provide a short paragraph description of the session presentation not to exceed 125 words. This summary will be included in the conference marketing brochure.
4) Provide a short biography of the presenter, not to exceed 60 words. This summary will be read by the moderator before the presentation. Generally, presentations will be limited to 25-30 minutes including time for questions, however, longer presentations will be considered.

SUGGESTED TOPICS

WATER
• Consumer Confidence
• Distribution Systems
• Groundwater
• Operations
• Source Decision Approach
• Source Protection
• Treatment Processes
• Water Conservation & Auditing
• Water Quality
• Water Resources Planning

WASTEWATER
• Bio-energy
• Biosolids Management
• CMOM
• Collection Systems
• Odor Control
• Operations
• Pretreatment
• Receiving Water Quality
• Storm Water
• Treatment Processes

WATER REUSE/RECHARGE
• Advanced Treatment
• Benefits and Challenges
• Distribution Systems
• Dual Plumbing
• End Users
• Public Acceptance
• Regulators
• TDS Issues and Brine Treatment

JOINT
• Alternative Delivery/Design Build
• Construction Projects
• Facility Operations
• Green/Sustainability Issues
• Instrumentation and Control
• International Topics
• Operation Certification Training
• Public/Private Partnership
• Public Information
• Regulatory Issues
• Research Topics
• Security/Vulnerability
• Utility Management
• Water for People
• Watershed Management
• Young Professionals

SELECTION CRITERIA

Abstracts will be reviewed and judged on the basis of the following criteria:

— Describes the paper in a clear and concise manner.
— Significance of the work to a broad audience.
— Originality of the work, including new concepts, innovations, or data.

ABSTRACT SUBMITTAL FORM (Fill out Form or Create Word Document)

TITLE OF PAPER: __________________________________________________________________________________________________________

List Main Topic and Sub-topic (closest to suggested topics listed above) ________________________________________________________________

If your presentation is for a Committee Block, List Committee ______________________________________________________________________

Corresponding Author (all correspondence will be with this author)

Name: ______________________________________________________  Title: ___________________________________________________

Employer: _____________________________________________________________________________________________________________

Address: ______________________________________________________________________________________________________________

City, State, Zip: _______________________________________________  E-mail Address (required): __________________________________

Phone: ______________________________________________________  Fax: ____________________________________________________

Check here if interested in receiving more information about the Young Professionals “Fresh Ideas” contest for accepted papers _________________

SUBMIT THE FOUR DOCUMENTS TO:

OPTION 1: EMAIL TO:

John Masche
City of Phoenix
john.masche@phoenix.gov
Subject: AZ Water 2013 Submittal

OPTION 2: BY USING AZ WATER WEBSITE

2013 Annual Conference
http://www.azwater.org
On this, the 100th birthday of Arizona and the 85th anniversary of the AZ Water Association, we have a great deal to celebrate. Not only the history of the state but the history of water, what’s been done to protect it, and what is needed to provide its safe keeping for future generations.

The Annual Conference may be over and done for you, but I must admit, I’m still basking in the glow of a highly successful Arizona water event. Attendance was up slightly from last year (another record at 976), the exhibit hall was sold out (174 booths), and the quality of the presentations just gets better and better every year. This isn’t just my opinion; people who weren’t there have told me they have heard from others that the 2012 Water Event was “one of the best ever.”

This event couldn’t take place without the input of many very dedicated member volunteers. The Conference Committee headed by John Warner from Pima County Regional Wastewater Reclamation Department and Program Committee, chaired by Lisa Jackson from Black & Veatch are responsible for setting the session topics and finding the speakers to fill the slots. The moderators work hard to ensure that each session is balanced and offers practical solutions to the challenges facing the membership. That’s not always easy, considering the range of members we have.

Members of the Event Committees managed the registration desk, organized the barbecue and golf tournament, stamped PDH forms, handled the audio visual, and much, much more. They worked in multiple shifts over the three-day conference, smiling and helpful throughout the day. So, for all the volunteers who helped this event run like a well-oiled machine, a huge THANK YOU.

Next year we will once again be at the Renaissance Glendale Hotel, celebrating our 86th Annual Conference, May 1-3, 2013. Kevin Conway from Greeley and Hansen will chair the Annual Conference and John Masche from the City of Phoenix has agreed to chair the Conference Program Committee. If you are interested in volunteering on the Conference Program Committee please email John at john.masche@phoenix.gov. For all other inquiries regarding the conference call me at 928-717-9905 or send an email to musegroup@aol.com.
Young Professional of the Year
Levi Dillon
Accomplishments:
• Bachelor of Science in Environmental Engineering – Northern Arizona University
• Master’s of Science in Civil/Environmental Engineering – Arizona State University
• Registered Professional Engineer
• AZ Water - Water For People Committee Member and Past Committee Chair

Engineer of the Year
Aimee D. Conroy
Accomplishments:
• Bachelor of Science in Civil Engineering – Santa Clara University
• Master of Science in Civil/Environmental Engineering – University of Arizona
• Registered Professional Engineer in Arizona and California
• Grade 4 Operator Certification – Water Treatment, Water Distribution, Wastewater Treatment and Wastewater Collection
• Member of AZ Water, AWWA, ASCE and WEF
• Past Chair for Water Reuse Committee
• Past Chair of the Operators Forum for the Technical Conference Committee
• Vice-President of the St. Francis Xavier School Advisory Board

Nathan Burbank Environmental Educator Award
Dr. Paul Westerhoff
Accomplishments:
• Professor School of Sustainable Engineering and The Built Environment at Arizona State University
• Served as the Department Chair and School Director and now focuses on teaching
• Recognized for work related to treatment and occurrence of emerging contaminants
• Member if the USEPA Science Advisory Board
• Member of the Water Research Foundation Expert Panel on Endocrine Disruptors, Pharmaceuticals and Personal Care Products
• Vice Chair of the WaterReuse Foundation Research Advisory Board
• Member of the Water Research Foundation/AWWARF Public Council
• Member of AZ Water, AWWA and WEF
Criteria:
Burbank Environmental Educator Award recognizes AZ Water members for significant contributions to promoting training activities in the water environment career field in the state of Arizona. There are two award categories: individual and organization/ institution.

AZ Water 2012 Life Member
Mark Wyland
Criteria: A person who has been a member in good standing of the AZ Water Association for at least twenty-five (25) years and who has participated in association activities.

Environmental Stewardship Award
Cynthia Garcia
Accomplishments:
• Bachelor’s of Science in Biology – Truman State University
• Grade 4 Certification – Water Treatment and Grade 3 Certification in Water Distribution
• Environmental Quality Assurance Officer for City of Peoria
• Member and Past Chair of Environmental Laboratory Advisory Committee
• Member of Tap Into Quality and Lab Practices Committees
• Member of the Waterborne Disease Taskforce
• Member of AZ Water, AWWA and WEF
• 2004 Laboratory Analyst of the Year
• A leader in her community, a leader for our industry!
Criteria: An individual contributing significantly to the protection and/or enhancement of the water and wastewater environment in Arizona.

Kachina Award for Outstanding Service
Jim Pembroke
Accomplishments:
• Received a Bachelor of Science in Civil Engineering from the South Dakota School of Mines
• Received a Master of Science in Civil Engineering from Arizona State University
• Has been a consulting engineer for over 25 year with diverse water and wastewater experience
• Received the AWWA Fuller Award in 2007
• Received the WEF Bedell Award in 2009
• Served on the AZ Water Board and is a Past President of AZ Water
• Currently serves as the AZ Water Leadership Committee Chair

Select Society of Sanitary Sludge Shovelers
L-R Jason Vernon, Darlene Helm, Steve Shepard, Sandra Ralston, Dan Hood
Criteria for Nomination:
• AZ Water members who have volunteered consistently for many years and who have done two of the following:
  • Presented a paper on an AZ Water conference or been a speaker at another of our events.
  • Chaired an important committee.
  • Done something that is clearly above and beyond regular volunteerism.
"BEST OF THE YEAR"

Plant and System Operation Awards
Categories...
• Faculties, Plants, or Systems: water, wastewater, collections and distribution
• Individuals: Operators, Supervisors, Electricians, Maintenance Mechanics or Instrumentation Technicians
• Small System = facility serving < less than 50,000 population
• Large System = facility serving > greater than 50,000 population
• Involvement and knowledge in: operations, new methods, projects or technology, improvements, safety
• Team environment, positive attitude and goal-driven
• Motivation to develop and progress: education, training, personal advancement and upgrading of certifications
• Ability to instruct or train others
• Number of years of experience on the job
• Sustained outstanding service to AZ Water
• Must meet the regulatory requirements and quality standards

PLANTS OF THE YEAR
Large Water Distribution System of the Year
City of Glendale

Its network of treatment plants, wells, reservoirs, 991 miles of pipe, 24,000 valves, 8,000 fire hydrants & 61,000 water meters
Provides a population of 228,000 with an assured supply of quality, safe, reliable drinking water
Over the past 5 years this city has invested $29 million in capital improvements within the distribution system alone
Installation of SolarBee circulation equipment has provided complete mixing throughout reservoir which has reduced short circuiting, reduced chemical costs and lowered TTHM’s
Use of a performance curve to determine when a meter is to be changed out has produced a savings $750,000 over the last 3 years
Outstanding Preventive Maintenance Program

Large Wastewater Collection System of the Year
City of Glendale

A network containing 681 miles of mains ranging from 6” to 54” diameter, 13,259 manholes, 1,089 cleanouts and 55,315 taps
During 2011 rehabilitated 11 miles of sewer mains including 55 sewer manholes
Hydro-cleaned nearly 1.2 million feet of pipe reducing the potential of overflows in 82 known backups
Crew takes pride in cross-training opportunities & rotates in various functions throughout the year with minimal staff
Outstanding proactive, preventive & corrective maintenance program
Through hard work & dedication from 13 division employees covering 59 square miles, only two sanitary sewer overflows were experienced in the year 2011

OPERATIONS PERSONNEL OF THE YEAR
Large Water Treatment Plant Operator
Anital Lutringer,
City of Glendale, Cholla Water Treatment Plant
Certified 4WT, 4D, 3WWC, 3WW and has been in the water industry for 3 decades
Unbridled ambition & enthusiasm, admired & respected, committed & dedicated to excellence
Organized & led the effort to convert a dual reservoir to a single operation which had a significant impact on lowering the TTHM’s & reducing overall costs
Adjusted operational protocol to assure plant efficiency as maintenance performed PM’s
Designed & oversaw the process improvement project that would ensure effective chlorination at the new effluent location
This person can be found on the frontline with gloves on ready to take on any task & will be the one to shut the lights off & lock the door

Large Wastewater Treatment Plant Operator
Robert Braymiller, Severn Trent Services
Chandler Ocotillo Water Reclamation Facility
Certified Grade 4 in Wastewater with 12+ years of experience at facility
Demonstrates a clear understanding of the process & is widely recognized as the leader of the facility
Has worked closely with the Chandler Police Explorer’s program providing tours & participating in the annual exercises
Demonstrates a calm demeanor & professionalism that helps ease any tense situation
Promotes cross-training & certifications that has helped reduce overtime, improve operator knowledge & optimize process
In-depth knowledge of the process control, permit requirements & budget constraints

Small Wastewater Treatment Plant Operator
Kenny Knowles, City of Coolidge
Certified 3WWT & 2WWC with 5 ½ years of experience at facility
Excellent at troubleshooting & handling emergency response type situations
Always there to respond to call outs whether it’s 5 am or 12 midnight
Good Samaritan-Lends a hand to neighboring City of Florence assisting them with sewage plugs by running the camel truck
Trained the staff in the Public Works division & Laboratory
Very well respected from all the residents
Works many long hours & is always the one who picks up the slack

Large Water Treatment Plant Supervisor
Mark Henslee, City of Phoenix,
Deer Valley WTP
Certified 4WT, 4WWT & 3D with 27 years of experience
Distinguished by a wide range of dedicated services with numerous & varied staff assignments at all levels
Maintained a key role in the continued operation of the WTP during the last & most critical phases of the reconstruction project
Diligent attitude & availability during the most critical times resulted in minimal impacts to operation
Shaped a close cooperation between all parties involved & created a spirit of partnership that proved to be a tremendous help during plant start up
Ensured that the City’s water quality goals were met during the entire commissioning period
Actively participates in educating & sensitizing the community about water quality & its advancements
Maintenance Mechanic – Large System
David Hutchinson, City of Glendale –
West Area Water Reclamation Facility
• Certified 2WWT, 3WT, 2B and 2WWC with 12 years of experience at facility
• Ability to improvise & see the big picture has saved the city thousands of dollars in 0 & M costs
• A key player in the troubleshooting & completion of the 67th Ave. sewage lift station CIP project
• On call 24/7/365 days a year & has never failed to respond to lift station failures or treatment facility equipment issues
• Careful consideration & attention to detail has provided the city with a very reliable & regulatory compliant set of Water Reclamation Facilities
• A good neighbor, family man & charitable person
• Poster Boy for Water Treatment professionals everywhere

Laboratory Analyst
Amy Catherine Baker, City of Peoria
• 11 years of experience in the environmental lab industry & holds a certification 3WT, 1D & 1WWC
• Hardworking, dedicated & very motivated
• Has provided many improvements & innovations
• Never shy’s away from a challenge & is always the first to volunteer for any assignment
• Always cheerful with a positive attitude & gives 100%
• Assures the city stays in compliance with lab licensure & environmental regulations
• Volunteers to help in the community
• Instrumental with giving tours and educating the public during outreach events
• Has participated in AZ Water’s Tap Into Quality Committee on the city’s behalf as well as other water quality/laboratory organizations

Gimmicks & Gadgets Award
Mike Dugie, Assistant Field Supervisor, Pueblo Del Sol Water Company
STAND PIPE RESTORATION
• Manufacture Valve Assemblies for Stand Pipe Hydrant
• Materials: 1/16” Inch Sheet Metal, 3/8” Rock Crusher Drive Belt, 3” and 4” Hole Saw, O Rings / Snap Rings
• Cost: $174 (retail cost is $560/assembly)
• Benefits: Saved Over $30,000 on Parts for 54 Assemblies

Criteria: The Gimmicks & Gadgets award honors the inventive creativity and ingenuity of our AZ Water members through recognition of inventions targeted to improve maintenance, operation, or construction of water systems.
• A novel and relatively simple mechanical device or procedure.
• Designed to provide a more efficient, safe, or simplified way to perform a routine task or function in the maintenance, operation, or construction of a water utility system.
• Judged on basis of originality, simplicity, use, and application to the water industry.
2012 CONFERENCE SPONSORS

GOLD LEVEL
Allen Instruments & Supplies
Black & Veatch
Carollo Engineers
CDM Smith
CH2M Hill
Coombs Hopkins Company
HDR Engineering
McCarthy Building Companies
ME Simpson Company, Inc.
PCL Construction, Inc.
Pioneer Equipment

SILVER LEVEL
Calgon Carbon Corporation
Felix Construction
Hobas Pipe USA
Misco Water
Montgomery & Associates
Westland Resources

BRONZE LEVEL
Burns & McDonnell Engineering Co.
Conestoga-Rovers & Associates
Data West Corporation
Engineered Sales Company
Grand Canyon Pump & Supply
JCS Industries, Inc.
Kiewit Infrastructure West Company
Measurement Solutions
PACE
PCS Mobile
Preload, Inc.
Severn Trent Environmental Services

GOLF
Tournament Sponsor
CDM Smith
CH2M Hill
Coombs Hopkins Company
NOV Ameron
Tetra Tech
Hole Sponsor
American Flow Control
Goble Sampson
Pioneer Equipment, Inc.
Preload, Inc.
Westech, Inc.

AWWA AWARDS

George Warren Fuller Award
Charolotte Jones
Accomplishments:
• Certified Operator in Water Treatment, Wastewater Treatment, Water Distribution & Wastewater Collection
• Served as an instructor and faculty advisor at Rio Salado Community College where she hired instructors and made critical recommendations regarding the overall water and wastewater programs
• Served in various mediation and arbitration roles for organizations as the Arizona Attorney General, Solve it!, and the Better Business Bureau
• Served as plant operator and supervisor at some of the best run treatment plants in Arizona and has played an integral role in making the AZ Water Association a strong and diverse organization
• Member of AWWA since 1978
• Professional Organization: AZ Water, American Water Works Association, Alternative Dispute Resolution Association, Maricopa Alternative Dispute Association, Certified Public Manager
• Honors and Awards include: AZ Water Select Society of Sanitary Sludge Shovelers (1992), AZ Water Operator of the Year (1993), AZ Water Water Treatment Plant of the Year (2002)
Criteria: George Warren Fuller Awards are presented annually by the American Water Works Association to the sections’ respective selected members for their distinguished service to the water supply field in commemoration of the sound engineering skill, ... the brilliant diplomatic talent, and the constructive leadership which characterized the life of George Warren Fuller.

Kenneth J. Miller, Water For People Award
Venkat Radhakrishnan
Accomplishments:
• BS from University of Mumbai – 2004
• MSE Mechanical Engineering from Arizona State University – 2006
• Specialties in Master Planning and Water Distribution Systems Modeling
• Member of Water For People Committee since 2006, Chair in 2011-2012
• Water For People Golf Tournament Chair for three years
• Avid cricket player and fan

AWWA Publications Award
Shane A. Snyder
Criteria: To annually recognize and honor the most notable contribution, scientific or practical, to the public water supply profession as published in the Journal AWWA of the American Water Works Association


WEF AWARDS

George W. Burke Jr. Award
Paul H. Kinshella
Accomplishments:
• AZ Water Past President
• Loyal member of WEF for 18 years and AZ Water for 21 years
• 1996 and 2004 Quentin Mees Award
• 2007 Engineer of the Year
• 2010 Kachina Award for Outstanding Service
• 2011 Fuller Award
• Dedicated to the water and wastewater industry
Criteria: The Burke Award is presented annually by the Water Environment Federation to the sections’ selected municipal or industrial wastewater facility for establishing and maintaining an active and effective safety program. This award was established in 1982 in honor of George W. Burke, Jr., for his many years of service to both the water environment field and WEF.

2012 WEF Life Member
Congratulations Robert Clinger
THANK YOU
CONFERENCE ATTENDEES
2012 EXHIBITING COMPANIES – EXHIBIT HALL

Accelerated Technology Laboratories, Inc.
3M Purification
Accelerated Technology Laboratories, Inc.
Accurate Corrosion Control, Inc.
AdEdge Water Technologies, LLC
AERVAC, Inc.
Allen Instruments and Supplies
Amiad
Amiad Water Systems
Ameron International Corporation Water Transmission Group
Andritz
Anue Water Technologies
Applied Process
Applied Products Group
Aqua Aerobic Systems
Aquatic Corporation
Aquatic Consulting & Testing, Inc.
Ashbrook Simon-Hartley
Atkins North America
AV McDonald Manufacturing Company
AZ Water Safety Committee
AZ Water Sewer Collection History Exhibit
AZ Wastewater Industries (AWI)
Azzuro, Inc.
B & W Distributors, Inc.
Baker Corporation
Baker Manufacturing
Bill Johnson Equipment Company
Bio-Aquatic Testing
BioLynceus
Blue In Green
Boerger, LLC
Border Marketing, Inc.
Building Products Company, LLC
Calgon Carbon Corporation
Canyon State Filtration, LLC
CDG Environmental, LLC
Central Arizona Project
Chemscan
Chemical Feeding Technologies, Inc.
Clow Valve Company
CompassTools
Conestoga-Rovers & Associates
Controls West
Coombs-Hopkins Company
Copperhead
Corpro Companies, Inc.
CPM
Dana Keoner Company, Inc.
Danfoss Drives Corporation
Data West Company
Dibble Engineering
Duke’s Root Control, Inc.
DYK Incorporated, a Division of DN Tanks
E2CS
ECOVERDE, LLC
Electrolytec
Endress+Hauser
Engineered Sales Company
Engineering America Southwest
Entellus, Inc.
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GE Sensing
Geneva Polymer Products
GHD, Inc.
Goble Sampson Associates, Inc.
Golden Harvest, Inc.
Golder Associates, Inc.
Grand Canyon Pump and Supply
Grundfos Pumps Company
GT Environmental
H20 Innovation
HACH
Harrington Industrial Plastics
HD Supply Waterworks
HD Supply
Headworks USA
Hennesy Equipment Sales Company
Hennesy Mechanical Sales
Hill Brothers Chemical Company
Holden Pipe USA
Hose Solutions, Inc.
IDEXX Distribution, Inc.
IES Southwest, Inc.
Industrial Service and Supply, Inc.
Instrumentation and Controls
Isolux Arsenic Treatment
J & S Valve
JCS Industries, Inc.
Jensen Products
J & F Plumbing Company
JWC Environmental
Keller Electrical Industries, Inc.
Kemira
Kiewit Infrastructure West Company
Kupferle Foundry
Layne Christensen
Layne Water Technologies
Legend Technical Services of AZ, Inc.
Leopold/AYL
M2 Renewables, Inc.
M.E. Simpson Company, Inc.
Mazzel Injector Company, LLC
Measurement Solutions
Milton Roy
MISCOWATER
Monroe Environmental
Mountain States Pipe & Supply
MPC / DPS
Mueller Company
Multirode
Municipal Treatment Equipment
National Meter & Automation, Inc.
National Pump Company
Neotec
Northwest Pipe Company
NOV Ameron - Protective Linings Division
Neuros
Newterra, Ltd.
Orica Watercare
OvivoWalter
Parker Hannifin
Parkson
PCL Construction, Inc.
PCC Mobile
Peerless Pump Company
Peeria Pest Control
PEFCON Systems
PERC Water Corporation
Philadelphia Mixing Solutions, Ltd.
Phoenix Pumps
Pioneer Equipment, Inc.
PPG
Preload, Inc.
Process Engineering Group
Professional Water Technologies
ProSoft Technology
PST Microcolor
Pulsar
Pureflow Filtration Division
Purifex
Rain For Rent
REACO Associates
Red Flint Sand Gravel
Red Valve / Tidelflex
RFI Consultants
Riley Industrial Services, Inc.
Rodney Hunt Company
Romac Industries, Inc.
Rotork
S::CAN Measuring Systems
SeepeeX, Inc.
Sensus USA
Severn Trent Services
Sherman Williams
Siemens Industry, Inc.
Sierra Monitor Corporation
Sima Southwest
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Southwest Controls
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StaTech
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Superior Tank Company, Inc.
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TGO Technologies, Inc.
Thermal Process Systems
Thermal Scientific
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Utility Service Company, Inc.
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Water Movers, Inc.
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Western Environmental Equipment Co
Westfall Manufacturing
Westland Resources, Inc.
Workplace Safety Specialists
XYLEM
MAY 1, 2012 - THE LEGEND AT ARROWHEAD, GLENDALE, AZ

Each year the day before the annual conference begins AZ Water hosts a golf tournament to benefit our scholarship endowment fund. Golfers from our membership and vendors exhibiting at the annual conference get together to yell “fore,” shoot six, and write down five.

A special shout-out goes to Jay Bailey and Terri Hirshberg from Coombs Hopkins, for all their time and effort in organizing the event. The tournament raised over $12,000 this year!

FIRST PLACE
L-R: Ron Creamer, Cameron Young, Frank Scopetti, Dale Mork

SECOND PLACE
L-R: John Susie, Darwin Vicker, Ray Mehan, JJ Arkinson

THIRD PLACE
L-R: Jim Albu, Jeff Littell, Mark Seamans, Dave Iwanski

GOLF SPONSORS
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AZ Water awarded $12,000 in scholarships for the 2012 Scholarship Program to undergraduate and graduate students at Arizona colleges and universities pursuing studies related to water, wastewater, or environmental resources.

The AZ Water annual scholarship judging takes into consideration the experience and interest of the students as well as their academic status (graduate, undergraduate, etc.) and students were judged against their peers.

This year’s Recipients are:

<table>
<thead>
<tr>
<th>Name</th>
<th>Program</th>
<th>Institution</th>
<th>Prize amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>James “Mac” Gifford</td>
<td>Ph.D</td>
<td>ASU</td>
<td>$2,000</td>
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<tr>
<td>Sean Wilson</td>
<td>MSE</td>
<td>ASU</td>
<td>$2,000</td>
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<tr>
<td>Andrea F. Corral</td>
<td>Ph.D</td>
<td>Uof A</td>
<td>$1,500</td>
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<tr>
<td>Becky Witte</td>
<td>MS</td>
<td>Uof A</td>
<td>$1,500</td>
</tr>
<tr>
<td>Joshua Steele</td>
<td>BSE</td>
<td>ASU</td>
<td>$1,500</td>
</tr>
<tr>
<td>David Hanigan</td>
<td>Ph.D</td>
<td>ASU</td>
<td>$1,000</td>
</tr>
<tr>
<td>Arjun K. Venkatesan</td>
<td>Ph.D</td>
<td>ASU</td>
<td>$750</td>
</tr>
<tr>
<td>Mathew Watson</td>
<td>BSE</td>
<td>ASU</td>
<td>$750</td>
</tr>
<tr>
<td>Elizabeth Martin</td>
<td>Ph.D</td>
<td>ASU</td>
<td>$500</td>
</tr>
<tr>
<td>Joshua A. Tedesco</td>
<td>AAS</td>
<td>Gateway</td>
<td>$500</td>
</tr>
</tbody>
</table>
The Young Professionals Committee congratulates this year’s Fresh Ideas winner!

**Kelly LaCroix**

**Connecting Environmental Water Needs to Arizona Water Planning**

Kelly presented her winning presentation at the AZ Water Conference and will be attending the 2012 AWWA Annual Conference & Exposition (ACE) in Dallas Texas representing Arizona in a national Fresh Ideas poster competition.

**Special Thank You**

Special thanks goes out to the conference committee for their help including:
- Lisa Jackson and John Masche

and all the moderators that assisted in this contest:
- Dongxu yan
- Tom Braatelien
- Mike Simpson
- Doug Kobrick
- Brian Biesemeyer
- Jon Bernreuter
- Floyd Marsh
- Tim Thomure
- Gary Newman
- Dana Biscan
- Kevin Rose
- Doug Berchauer
- Brent Pennington
- Robin Bain
- Leisha Williams
- Asha Pai
- Fred Rouse
- Mike Caruso

The Fresh Ideas Contest Will Return to Arizona in 2013!
One Lucky Young Professional Will Receive a FREE Trip to the 2013 AWWA Annual Conference & Exposition
To Participate, Simply Submit an Abstract for the 2013 AZ Water Annual Conference and Indicate Your Interest on the Submittal Form.
Young Professionals are under 35 years old, or have less than 10 years of experience.

if you have questions about this contest or are interested in participating please contact Gretchen Hawkins (gahawkin@asu.edu).
Third, this great state turned 100 years old this year. In 1912, Arizona was primarily a rural venue with an economy based on cattle, cotton, citrus and copper. Arizona’s population roughly doubled in size by 1950, from 250,000 to half a million people. During this time-frame, Carl Hayden was elected to Congress in the state’s first year. Hayden was later elected to the US Senate in 1926, and would remain a Senator until 1968, serving a whopping 56 years in Congress. But, from my perspective, the Senator’s claim to fame was his tireless commitment to help enact the Central Arizona Project that would allow Arizona to grow by numbers perhaps even he could not envision.

Also, Arizona’s water and environment history and subsequent concern for its future included many other important players like Barry Goldwater, Bruce Babbitt, Morris “Mo” Udall to address and assure water would be available for a population of 6.4 million (2010 census) and well into the state’s future. Of course, water resources and policies continue to play a significant role as Arizona continues to grow. Many AZ Water professionals essentially are employed today because of the enormous efforts of these and many other forward looking Arizona water visionaries.

Fourth, this year’s annual conference yielded a record number of 174 vendors in the exhibits. Dave Redman is AZ Water’s new Director as vendor representative. Dave’s present three-year term was preceded by Jim Thomas and more recently, Jason Vernon. Jim and Jason did an outstanding job representing vendors and allowed for the organization to attract exhibitors over the years. As we continue to grow in this area, I am certain Dave will continue representing vendors and meeting their needs for the annual conferences.

Again, the economy may have put a snag on the prosperity we all were experiencing prior to 2008; however difficult these days, the water profession continues to meet the needs of a thirsty and evermore thrifty nation. As AZ Water continues to thrive, we are ever present of the challenges ahead and look forward to remain “Professionals Dedicated to Arizona’s Water”.

How Does It Work?
Everyone who uses water is encouraged to join this coordinated effort to raise awareness about the value and importance of water. By joining our voices behind this campaign, each of us can contribute to a positive change.

For members of the water sector, the campaign will:
• Provide you with communication tools you will need to succeed,
• Help you to build alliances at the state, regional, and community level, and
• Help you coordinate a flexible outreach and education effort that is easily tailored to what’s happening in your state, region, community or agency.

For the general public, the campaign will:
• Provide you with the information you need to be an educated and responsible consumer,
• Help you to create a personal connection with water
• Show you how your life is inextricably linked to this vital resource, and
• Help you to understand how important the water profession is and the essential services that it provides to your quality of life.

Who Are We?
WATER’S WORTH IT™ is an on-going public messaging campaign from the Water Environment Federation (WEF) – www.wef.org.

Be as good to water as water’s been to you. Go to http://www.waters-worth-it.org/ to learn how you can help WEF be a voice for water.
AZ Water Conference BBQ Raffle

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currier construction, inc.

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THANK YOU

to all who donated and participated in this year’s

SPORTS & ENTERTAINMENT
Red Carpet Silent Auction

Thanks to your generosity we were able to raise over $2,500
for the AZ Water Scholarship Endowment Fund

Event Sponsor:

Brown and Caldwell
PEDAL WITH PURPOSE for Water For People

University of Arizona Medical Center
El Tour de Tucson on November 17, 2012

Ride, volunteer, or become a sponsor!

Main event distances of 111, 85, 60, or 42 miles, or choose the Fun Ride 6, 3, or 1/4 miles

PEDAL WITH PURPOSE is a fundraising event organized by the AZ Water Association Water For People Committee.

Water For People is a non-profit driven to end the developing world’s safe water deficiency by activating local solutions for holistic water needs. Forever.

CONTACT US FOR MORE DETAILS
info@pedalwithpurpose.org
http://www.pedalwithpurpose.org

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The Water Buffalo herd came roaring in to Dallas for ACE12 this year with 21 bikes and 24 Buffalos. This year there was a wide assortment of locations the Water Buffalos came from with many from the east coast, the mid-west and west coast. There were also three that rode from Canada this year.

The first stop the Water Buffalos made was at the AWWA Board of Directors meeting on Sunday morning. Certificates of appreciation were handed out to the numerous AWWA Sections that supported the Water Buffalos in raising money for Water For People. On behalf of the herd, I would like to thank the AZ Water Association for their generous donation of $2000 and their continued support of me riding to ACE the past seven years. I still hold the honor of being the only Water Buffalo to ride to all seven events but there are several that have only missed one.

At last year’s ACE, a challenge was made to the President-elect, Charlie Anderson, to see if the Texas Section of AWWA could raise more money than the Water Buffalos could through our organization, Ride with Purpose. A friendly wager was established where the loser would donate an additional $100 to Water For People. Well I must say that Texans like a challenge and pulled out all the stops in their efforts to raise $63,000. That amount bested the seasoned Water Buffalos who were able to raise $60,000 and therefore required me to present a check of $100 to Water For People at the Miller Award luncheon. While it was a friendly challenge, the end result was a substantial donation to Water For People.

Of the 21 riders, a total of 28,000 miles were ridden by all. The longest ride was from Ken and Anne Howe from Seattle who used the ride as a vacation/anniversary event and rode a mere 3400 miles. And for me, a simple 1000 mile distance from Tucson to Dallas ended up being 2000 miles as I traveled north to hook up with members of the herd along the way. A nice cool ride through the mountains of Colorado evolved into a wind-swept adventure across the eastern plains and through most of Kansas. We met up with a large group from the east and mid west in Eureka Springs, Arkansas and eventually ended up in Denton, Texas where all the Water Buffalos gathered for the mass stampede to ACE. Along the way we made a stop at the famous Strokers of Dallas, a biker hangout that was shown on a cable reality show. That was definitely a unique place and worth a visit if you’re in the area.

We had many new Water Buffalos this year and as required, they all had to go through the secret ceremony to become an official Water Buffalo. The ceremony followed a hosted dinner by Badger Meter and many thanks go out to them for their long standing support for Ride with Purpose!

During ACE we traveled the exhibition hall proudly displaying our vests with all the sponsor’s badges. We also, for the first time, had several photo ops with our major sponsors and provided them with a large Ride with Purpose banner. We spoke with many firms who asked about the Water Buffalos and Ride with Purpose so hopefully we can make contact with them for next year’s ACE in Denver.

All-in-all, the Water Buffalos were a success in meeting their goals for this year’s event. A listing of our sponsors can be found on our website (www.ridewithpurpose.org) and as we prepare for next year for our journey to Denver, we will be updating the website with information on how you can get involved, either financially or as a potential rider and become one of the herd. With a ride through the Rocky Mountains, next year’s event should be memorable. Oh, and yes we did challenge the Rocky Mountain Section to see if they too could do better than the Water Buffalos in raising money for Water For People!

For more information about Ride with Purpose, please visit our website or contact me at mstratton@metrowater.com.

Ride Safe and Horns Up!
AWWA 2012 LIVE
Summer/Fall Webcast Line-up

New topics for executive, management, operations and maintenance, engineers, and your entire team!

Plan your attendance now and add these dates to your calendar.

June 27, 2012
Unregulated Contaminant Monitoring Rule 3—What Your Utility Needs to Know (W1224)

August 22, 2012
You Will ‘Like’ This Webcast—Social Media Tools for Utilities (W1210)

September 5, 2012
Impact of USEPA’s Third Regulatory Determination on Water Utilities (W1211)

October 3, 2012
Lessons Learned From Water Utility Affordability Programs (W1213)

October 17, 2012
AWWA’s Tips and Tricks—How To Get a Job! (W1214)

October 24, 2012
An Update on Causes and Solutions for Taste & Odor Issues (W1212)

October 31, 2012
Utility Perspective: Successful Biological Treatment Applications (W1215)

November 7, 2012
Revised Total Coliform Rule: What Utilities Need to Know (W1216)

November 14, 2012
What the Frack? The Real Deal With Fracking and the Water Industry (W1217)

December 5, 2012
AWWA Regulatory Update

Individual webcasts or team bundle packages are available. Learn more about the program and register at http://www.awwa.org/fallwebcastlineup12op/follow
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WATER DISTRIBUTION GRADES 3 & 4

WASTEWATER COLLECTION GRADES 1 & 2

WASTEWATER COLLECTION GRADES 3 & 4

WASTEWATER TREATMENT GRADES 1 & 2

WASTEWATER TREATMENT GRADES 3 & 4
AZ Water Association Membership Form

This information will be added to our database and used to inform you of opportunities specific to your needs. Your contact information will also be used in our annual membership directory. If you do not want this information published in our annual directory, please check here ☐.

Please Print

Full Name ____________________________________________________________________________________________________

Title ________________________________________________________________________________________________________

Business (if applicable) _________________________________________________________________________________________

Address _____________________________________________________________________________________________________

City/State/Zip ________________________________________________________________________________________________

Phone _______________________________________________  Fax _______________________________________________

Email _____________________________________________  Web Site ___________________________________________

Sponsor _____________________________________________________________________________________________________

Check here if you are a current member of: ☐ AWWA  ☐ WEF

Please help us serve you better by indicating the categories that best describe your business/industry, environmental focus, job title, and field services (if one is more prominent than another, please indicate so).

<table>
<thead>
<tr>
<th>BUSINESS INDUSTRY</th>
<th>FIELD SERVED</th>
<th>ENVIRONMENTAL FOCUS</th>
<th>JOB TITLE</th>
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<td>GOVERNMENT</td>
<td>water supply only</td>
<td>wastewater</td>
<td>EXECUTIVE: commissioner, board member, city manager, mayor, president, vice president, owner, partner, director</td>
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<tr>
<td></td>
<td>wastewater only</td>
<td>water, process water</td>
<td>MANAGEMENT: division head, section head, manager, chief engineer, comptroller, etc.</td>
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<tr>
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<td>both industries</td>
<td>ground water, solid waste</td>
<td>ENGINEERING/NON MANAGERIAL: civil engineer, mechanical engineer, environmental engineer, planning manager, field engineer, system designer</td>
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<td></td>
<td>other</td>
<td>storm water</td>
<td>SCIENTIFIC/NON MANAGERIAL: chemist, biologist, biophysicist, researcher, analyst, etc.</td>
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<tr>
<td>PRIVATE ENTITY</td>
<td></td>
<td>pollution prevention</td>
<td>PURCHASING: purchasing agent, procurement specialist, buyer</td>
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<tr>
<td></td>
<td></td>
<td>residual/biosolids management</td>
<td>OPERATIONS: foremen, operator, maintenance, crewman, service representative, etc.</td>
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<td></td>
<td>coastal, river, lake ecology, surface water</td>
<td>MARKETING &amp; SALES-NON MANAGERIAL: market analyst, marketing representative, sales representative, etc.</td>
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<td>OTHER ENTITIES</td>
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<td>toxic &amp; hazardous materials</td>
<td>STUDENT</td>
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<td></td>
<td>public education / information</td>
<td>RETIRED INDUSTRY REPRESENTATIVE</td>
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<tr>
<td></td>
<td></td>
<td>instrumentation/automation controls</td>
<td>OTHER</td>
</tr>
</tbody>
</table>

Member Dues are Subject to Change

☐ Individual Annual Membership — $45  ☐ Student Annual Membership — $15

RETURN YOUR MEMBERSHIP APPLICATION ALONG WITH ANNUAL DUES TO:
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1042 Willow Creek Rd., A101-510 • Prescott, AZ 86301

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- Small footprint.
- Low cost of ownership.