



MANHOLE ADJUSTMENT RING

READJUST MANHOLE LIDS TO NEW ELEVATION WHEN RESURFACING

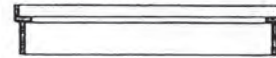
MANHOLE ADJUSTMENT RING ONLY 4 DIMENSIONS REQUIRED

- 1 - O.D. of existing lid: TOP and BOTTOM
- 2 - thickness of existing lid
- 3 - riser height (thickness of asphalt matt*)

*Note: minimum riser must be 1/2" more than thickness of existing lid



- * Full Range of Sizes
- * Eliminates Digging
- * Requires *No Tools*



Company Name _____

Contact Name _____ Phone # _____

ORDER FORM

Quantity	Manhole #	Street / Location	Lid O.D. Top / Bottom	Thickness of Lid	Desired Rise

SIMPLE--QUICK--PERMANENT

FREE DELIVERY!

Schulte Supply, Inc.

(800) 843-3711

OR

FAX Your Order to: 618-656-8750

To Order, Please Call:



Illinois Rural Water Association



BOARD OF DIRECTORS

Volume VII-Summer 2011

PRESIDENT

GREG BATES
Jersey County Water Company

VICE PRESIDENT

DALE HANNER
City of Oakland

SECRETARY

JAY BELL
City of Chenoa

TREASURER

JEFF TUMIATI
Village of Stonington

BOARD MEMBERS

STEVE FLETCHER
Washington County Water Company

JACQUE PLESE
City of Wilmington

PERRY MUSGRAVE
Lake of Egypt P.W.D.

WAYNE DIXON
City of Mason City

JEFF MCCREADY
Village of Woodhull

STAFF

FRANK DUNMIRE
Executive Director
dunmire@ilrwa.org • 217-820-4626

DON CRAIG
Deputy Director
craig@ilrwa.org • 217-561-1061

HEATHER MCLEOD
Membership Services Assistant
ilrwahm@ilrwa.org

DENISE BURKE
Administrative/Program Assistant
ilrwadb@ilrwa.org

WAYNE NELSON
EPA Training Specialist
ilrwawn@ilrwa.org • 217-820-1561

KATHY RODGERS
EPA Source Water Specialist
rodgers@ilrwa.org • 217-820-8377

GALE MOORE
Circuit Rider
moore@ilrwa.org • 217-820-4754

PAT GAMMILL
Circuit Rider
gam@ilrwa.org • 217-820-1564

CHUCK WOODWORTH
Circuit Rider
ilrwaqw@ilrwa.org • 217-820-1569

JOHN BELL
Wastewater Technician
ilrwajb@ilrwa.org • 217-820-1568

BILL DOWELL
Wastewater Technician
dowell@ilrwa.org • 217-820-1562

MARK MITCHELL
USDA Source Water Specialist
Mitchell@ilrwa.org • 217-820-1565

ARTICLES

Opening the Channels of Communication by Wayne Nelson	4
Customer Service in the Internet Age by Greg Bates	5
City of Hamilton WWTP by Bill Dowell	8
Glimmer of Light..... by Frank Dunmire	11
IRWA 8th Annual Golf Outing.....	13-15
2011 Northern Conference	16
Out with the "Old" ... In with the "New"	
Holiday Shores Sanitary District..... by Pat Gammill	18
Our Need for William Shatner by Kenneth McCormick	20
Just For Fun - Word Search.....	23
Handouts Available On-line	24
IRWA Member Services	
Video Inspection Services.....	25
GPS/GIS Mapping Services.....	25
What's In It For Me?.....	26

MISSION STATEMENT

"Protecting and preserving the water and wastewater resources of Rural Illinois through education, representation and on-site technical assistance".

On the Cover:

Pictured is an American flag amid the debris left by the EF-4 tornado's path in Joplin, Missouri. This photo was taken on May 29, 2011, by Denise Burke, IRWA staff member.

Water Ways is the official publication of the Illinois Rural Water Association, P.O. Box 49, Taylorville, Illinois 62568, and is published quarterly for distribution to members as well as other industry associations and friends. Our website is www.ilrwa.org. Articles and photographs are encouraged. Advertising and submissions should be mailed to the above address or e-mail us at ilrwadb@ilrwa.org.



LIST OF ADVERTISERS

American Flow Control.	12
Cady Aquastore.	27
Caldwell Tank, Inc.	17
Coe Equipment, Inc.	5
Crawford, Murphy & Tilly, Inc.	20
Curry & Associates Engineers	18
Dixon Engineering	9
Heneghan & Associates, P.C.	10
Layne-Western.	17
Lemna Technologies, Inc.	5
Maguire Iron	4
Metropolitan Industries.	7
Mexus Industrial.	25
Municipal Well & Pump.	18
Natgun Corporation	12
Newell Sand/Rock Filter Cleaning	5
Norman Noe Co., Inc.	20
PDC Laboratories, Inc.	10
Pittsburg Tank & Tower Maintenance	25
Red Valve Company	18
Ressler & Associates	9
Schulte Supply, Inc.	2
Taylor Coating Sales, Inc.	22
Test, Inc.	6
The Ford Meter Box Co., Inc.	22
USA Bluebook	28
Utility Service Co., Inc.	21
Water Well Solutions.	17

Opening the Channels of Communications

by Wayne Nelson,
IRWA Training Specialist

Recently, during an on-site contact with a couple of water operators, the topic turned to their board/council members not really knowing what the operators were talking about when they explained that repairs had to be made to system components. I agreed that I often hear about this type of problem and experienced it myself when I worked as an operator. In these cases there is often pretty of blame to go around. Many times the board members may not take an interest in the actual workings of the system. Sometimes it's our fault as operators that we don't show our boards what we have and the problems that go with it.

For example, if you weren't a water operator what would the word "filter" mean to you? A coffee filter, an oil filter for a car, or a furnace air filter? All look vastly different than the gravity or pressure filters used in treatment plants. If a board member has no water treatment experience or has never been to the plant what do they visualize?

I remember when I went to work as the Public Works Director for the Village

of Cerro Gordo back in the mid-1980's. It was just after the municipal elections and the Village board was made up of a lot of new members. I asked the village president and board if they would agree to a tour of the Village's facilities before one of their regular board meetings. They agreed and properly posted the agenda and times. The press was also invited to come along.

During the tour I showed them the water treatment plant (built in 1960 with the softening units leaks to prove it), the lagoon wastewater plant (all of the aerators needed repairs), and the maintenance shop to show what equipment we had (and what we didn't have).

We visited the elevated storage site and admired the recent paint job. I pointed out that even though it had just been painted we needed to save money over the long term for the next renovation.

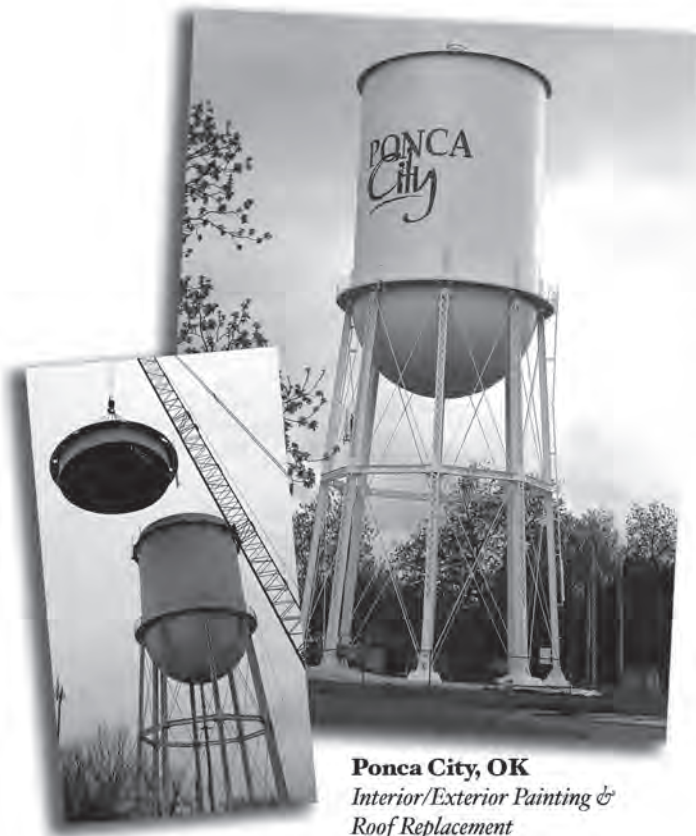
After this tour I explained that they didn't have to know how to operate the plants but would have an idea of what I



was talking about when I came to them wanting to replace a leaking ion exchange softening unit, for example.

We've always heard that a picture is worth a thousand words. Seeing for your self is worth a million. Having your board see your system and able to ask questions is priceless.

Now I've had operators say that this offer has been made to their board and refused. Heck, drag a member at a time to your plants. It'll be worth the effort. 💧



Ponca City, OK
Interior/Exterior Painting &
Roof Replacement

Bringing Multi-legs back in-style!

Maguire Iron is old enough to remember the introduction of the hula hoop, when a first class postage stamp cost 4¢, and when Multi-legs were the 'in' tank.

Today some of these tanks are ready for a make-over and who better than Maguire Iron to make them come to life and again be the talk of the town.

Call us today to improve your city's center piece with our latest technology. Maguire Iron also provides:

- maintenance contracts
- new and reconditioned tanks



P.O. Box 1446 Sioux Falls, SD 57101 605 334-9749

www.maguireiron.com

Customer Service in the Internet Age

by Greg Bates,
IRWA Board President,
District at Large

It is our belief that a utility company must do everything it can to foster good relationships with the customers it serves. While it is obvious that most utility customers don't have a choice as to the company that serves them, it should be of the utmost importance to make them feel that they wouldn't choose another company if they DID have a choice.

For some time now, we have been aware that we needed to bring our company forward into the cyber-driven age. Much deliberation and pain staking research has gone into our final product, which will be launched by mid-July.

A web site where you can accept payments and have the customers work with you in an interactive relationship regarding their accounts is only going to be as good as the BILLING SOFTWARE

you choose. The billing software company will have to interface with the E-commerce company of your choosing (or one of their recommendations). It is imperative that you research the capabilities of the billing software company that you are using and make sure that they are able to grow with the ever-changing world of the internet and the use of it from the customer's point of view.

The second most important decision that you can make as a provider of services (after the choice of a reliable billing software company) is to choose the BEST web-site construction people that you can find. Many choices are out there. Some seem to be much more of an economically feasible choice. This is however one area where you do NOT



want to forget that you "get what you pay for". You will be much more satisfied in the long run and your website will receive better support and updates if you choose wisely.

continued on page 6



LemTec™ Covered Lagoon Treatment Process

- Guaranteed NH₃-N removal even in cold climates through use of the LemTec™ Modular Cover
- Meets highly stringent effluent limits not achievable with other aerated lagoon systems
- Reduces capital and operating costs significantly when compared to mechanical treatment systems
- Requires less land than most comparable technologies
- Reduces sludge and solids handling
- Allows for hydraulic loading variations, temperature fluctuations, and organic surges effectively
- Expands for growth without major capital outlays



Innovative Wastewater Solutions

Phone: 612-253-2002
www.lemnatechnologies.com

Your local representatives.



Northern Illinois
Peterson and Matz
Phone: 847-844-4405
www.petersonandmatz.com



Southern Illinois
Ressler & Associates
Phone: 636-391-8992
www.resslerassociates.com

Marty Coe

Coe Equipment C.



- 5953 Cherry Street
- Rochester, IL 62563
- Telephone: 217-498-7200
- FAX: 217-498-7205
- marty.coe@coe-equipment.com



Serving Illinois and Missouri
Vactor & All Sewer Cleaning Equipment



Newell Sand & Rock Filter Cleaning

Phone: (217)-644-3087

111 S. Walnut St.
Strasburg, IL 62485

E-mail: sandrockcleaner@yahoo.com

Website: www.thomasnewell.com

When you finally choose a site builder, you will find that they will be thrilled not so much if you go in saying specifically “this is what I want”.... but more to the point of “this is what I DON’T want”. I spent literally months searching the internet for water companies, rural water companies, water service related sites and so on. Clearly illustrating your vision of what your site should be, will save money and time for all parties. A well-designed and laid out site, giving clearly defined areas of interest (information, help, billing, payments, urgent issues such as boil orders, company history, etc.), will cause customers to be more willing to use it, which will save office employees time and company resources.

Early on I determined that many sites try much too hard to get a lot of information on their main page. What they succeed in doing is having a cluttered, hard to read, and absolutely NOT a “user friendly” site. Go into your session with the builder with example sites chosen of what you don’t like and why and also take others that demonstrate what you DO like and the reasons you feel that way. Sometimes it is the intangibles that you can’t really explain well – certain attitudes that a site presents. Maybe they take more time outlining what they want from the customer rather than what the company can do for the consumer. Perhaps the site offers very little in the way of providing information on water problems, usage or leak detection; and

more on how they want to collect the customer’s money. As a utility company, we all know that one of the first issues we face is collecting money. While we are aware of that, our sites don’t have to make that the blatant first impression when a customer logs on. We can focus on telling our customers how much we appreciate them and how our goal is to serve them better today than the day before, while still making the links for billing obvious and accessible.

Think about the issues that your offices address each day. Urgent issues such as boil orders or water outages due to leaks should be highlighted in some fashion – perhaps a red banner or a pop-up indicating this with very explicit terminology as to what area is affected and how long it is expected. Less urgent issues such as “what to do if you think you have a leak”, or other such often-asked questions, should be easily found and accessed by your customers. Links can easily be imbedded to other informative sites. Most computer-savvy people will start looking around your site when they have questions. If they find the information they need, it is one less phone call your office must deal with.... saving time and resources.

Remember that your site is going to be a tool for providing excellent customer service. When customers email you through the site, respond QUICKLY and with DEFINITION to the issue at hand. As the customers learn that they can depend upon you to provide resolutions to their issues through the site, and that they don’t have to wait an unreasonable amount of time before hearing from you, they will be more likely to use the site the next time they have a problem. In the end, an awesome website will be an invaluable resource in striving to be the best provider of services to which your company can aspire. 💧

Total Environmental Service Technologies, Inc.



- Sampling & Field Related Services •
- Contract Services Water/Wastewater •
- Regulatory Compliance Services •
 - Certified Laboratory •
 - IEPA Regional Lab •
 - Consultant Services •

Over 100 Plants & Operations
throughout Illinois

Peru, Illinois Established 1987
815-224-1650 www.testinc.com

- Bushnell • Carthage • Hinckley • Peru •
- Avon • Prairie City • Dallas City •
- Creve Coeur •

The Pumping World's One Stop Shop!™



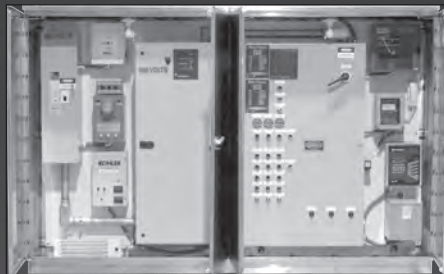
Wastewater Treatment Solutions



S.C.A.D.A. Integration



Water Treatment Solutions



Pad Mounted Control Packages



Municipal Control Packages

Other Services

- Sanitary & Storm Water Lift Stations
- Valve Vault / Meter Stations

- Water Booster Stations
- 5-Million-Dollar-Plus Parts Inventory

For over 50 years, Metropolitan Industries, Inc. has been the pumping world's one stop shop for quality pumps, control systems, prefabricated systems and ancillary equipment for both the water and wastewater industries. We have the knowledge, experience and

capability to tackle any pumping application related to the pumping industry. We will back up our work with 24/7 service to give you that peace of mind you deserve. Choose Metropolitan for your next water or wastewater project and see how convenient one stop shopping can be!

CALL 815-886-9200 TODAY!



37 Forestwood Drive, Romeoville, IL 60446
815-886-9200 • Fax 815-886-6932
www.metropolitanind.com

City of Hamilton WWTP

by Bill Dowell,
Waste Water Technician

The City of Hamilton, population 3029, is located in Hancock County, Illinois at the east end of Lock and Dam 19 on the Mississippi River. Having been officially incorporated in 1854, progress led to the beginnings of the sewer collection system in the 1890s. Major expansions of that original system occurred in the 1950s, 60s and 70s. The system consists of approximately 300 manholes, 81000 feet of 8" pipe, 7400 feet of 10" pipe, 2000 feet of 12" pipe, and 1650 feet of 15" pipe. Flow to the treatment plant is by gravity, but five lift stations are required within the collection system. The last sewer extension was made in 2009, consisting of about 200 feet of pipe.

Two major sewer repair and re-lining projects have been completed, with a third project about 50% completed. When this third project is finished, about 66% of Hamilton's sewer collection system will have been re-lined, including two large sections that had been sources of significant infiltration.

The original treatment facility was a primary clarifier with a diameter of 20 feet. This unit had been built in 1946. The current plant configuration, with two trickling filters and two secondary clarifiers, was constructed in 1976-77. Geometric dome covers were added

to the trickling filters in 1987-88, with the work being done by wastewater personnel. These domes were added to help alleviate freezing problems in the trickling filters. The gas chlorine system was converted to liquid chlorine in 2008, and this work was also done by the wastewater personnel.

Design Average Flow for Hamilton's plant is 0.448 MGD, with a Daily Maximum Flow of 1.12 MGD. Discharge limits are as follows:

	Monthly Average	Weekly Average
BOD	25	40
TSS	30	45
pH	6.0	9.0
Chlorine	0.75 Daily Maximum	
Fecal Coliform	400/100 ml	



Testing was originally required two times a week, but good lab performance, and excellent effluent quality allowed IEPA to reduce testing to once a week.

Chlorination of the final effluent is required on a seasonal basis, May 1 to November 1, since discharge is to a prime recreational area in the great Mississippi.

Sludge-handling consists of anaerobic digestion followed by sludge-drying beds.

Aron Metternich, certified wastewater operator, is also Operations Manager for Hamilton's Water and Sewer utilities. Aron has provided 20 years of dedicated, quality service to the City of Hamilton. His teamwork with fellow employees, Brent Reneau, Chris Mott, and Department Superintendent Tim Schilson, has helped create an exceptional example in the sewer/wastewater, (and water), fields. 💧





DIXON ENGINEERING INC.

Engineering and Inspection Services for the Coating Industry

Since 1981, Dixon Engineering has been recognized as a leader in the storage tank and coating inspection industry. With over 1250 municipal, state, and federal clients, Dixon has experience with virtually any type of water/wastewater storage tank and coating maintenance needs - specify Dixon Engineering. Let our expertise help you preserve the value of your facilities.

Dixon offers the following services to meet your engineering and inspection needs:

Inspection Services

- * Tank Maintenance
- * Underwater
- * Warranty
- * Abrasive Blast Cleaning
- * Steel Coating Applications
- * Concrete Coating Applications
- * New Tank Construction
- * Antenna Installation
- * Cathodic Protection
- * Welding/Repair

Engineering Services

- * Tank Repainting Specifications
- * Specification Review
- * Cathodic Protection Specifications
- * Antenna Design and Review
- * Tank Structural Repair Specifications
- * Tank Raising and Relocation
- * Tank Demolition
- * Coating System Failure Analysis
- * Treatment Plant Coating Specifications

Visit our website at <http://www.dixonengineering.net> for information about these and our other services.

DIXON ENGINEERING INC.

www.dixonengineering.net

1104 Third Avenue
Lake Odessa, MI 48849 - (616) 374-3221
dixon@dixonengineering.net

9620 Route 34, Suite B
Yorkville, IL 60560 - (630) 553-7750
illinois@dixonengineering.net

9415 W. Forest Home, Suite 208
Hales Corner, WI 53130 - (414) 529-1859
wisconsin@dixonengineering.net



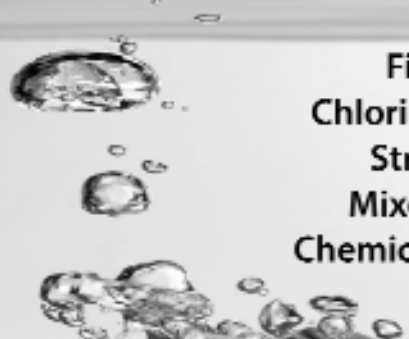
RESSLER
& ASSOCIATES, INC.



P.O. Box 4018
Ballwin, MO 63022
636-391-8992
Fax: 636-391-1544
resslerassociates.com

THE CLEAR CHOICE FOR YOUR WATER NEEDS

Water Quality Monitors
Lime Slakers
Membrane Technology
Aeration
Spare Parts & Replacements



Filters & Media
Chlorination Equipment
Stripping Towers
Mixers/Flocculators
Chemical Metering Pumps



HENEGHAN & ASSOCIATES, P.C.

Engineering Solutions Since 1986

www.haenr.com

888-291-7615

For 25 years, Heneghan and Associates has assisted over 125 communities, water districts and companies, counties and State agencies. We built our reputation on serving rural areas and have designed over 5,000 miles of water lines.



Funding Assistance
Grant Writing
Grant Administration

Permitting Services
Feasibility Studies
Land Surveying

Water
Wastewater
Stormwater

“Dedicating Our Services to Strengthen Client Trust”

Centralia Columbia Godfrey Jerseyville

2010 ACEC – Illinois Engineering Excellence Award – Gateway Regional Water Company



Partners in Testing



Superior Service and Expertise Go Hand in Hand.

McHenry Analytical, MGD Water Systems, and Somonauk Lab's exclusive alliance with PDC Laboratories means our clients receive the best testing in the analytical industry, period. With a staff over 80 professionals, PDC is the largest independent drinking water laboratory in the State of Illinois. Combined with our Partners' excellence in service and stringent standards, taking care of the day to day needs, together, **Our Alliance** provides the best professional staff and service, extremely quick turnaround and the highest quality testing.

Contact Us For All Your Analytical Needs!

PDC Laboratories, Inc. (Julie Rada)	309-683-1724	jrada@pdclab.com
ARRO Lab (Joan Serdar)	815-727-5436	joan.serdar@arrolab.com
CMT Lab – Springfield (Curt Fox)	217-787-8050	cfox@cmtengr.com
EnviroTest/Perry Lab (Mirka Lenos)	630-734-9530	mirka@envirotest-perry.com
Enviro Lab (Dr. Michael Katamay)	708-687-5127	enviro_lab@hotmail.com
McHenry Analytical Water Lab (Mark Mueller)	815-344-4044	mark@mchenrylab.com
MGD Water Systems (Mike Megurdichian)	815-397-9515	mgdh2o@aol.com
Midwest Environmental-Jerseyville (Greg Beckwith)	618-498-9395	midwestenviro@hotmail.com
Somonauk Lab (Jerry Adrian)	815-498-9491	jerry.adrian@mchsi.com

Glimmer of Light

by Frank Dunmire,
Executive Director, IRWA

As I write this edition's article I am sitting in a motel room in Albuquerque, New Mexico after attending the third day of in-service training. Now being an old country boy from central Illinois and being accustomed to high temperatures and equally high humidity levels, this is not a comfortable place to be. Today's temperature topped one-hundred degrees with a humidity level soaring all the way up to 5%. It is this low level that all of the locals often point out as being a dry heat. Granted, the high humidity levels back home might not be comfortable but I am here to tell you the low levels here aren't a walk in the park either. Well enough of that, on with the story.

By now almost all of you are aware that funding for two of our most popular programs did not "make the cut" in DC for FY 11. These two programs (the Training program and the USEPA Source Water program) are set to expire when current funds are exhausted on or about

August 31, 2011. The only glimmer of light (and it is only that – a glimmer) is that the USEPA will make available "training and technical assistance" funds for FY 11 through a competitively bid process. Why, all of a sudden, did USEPA step back from their earlier testimony to Congress where they testified funding such a program was not in their operating plan for FY 11? I am not saying that a letter signed by approximately 30 Senators had anything to do with the change of heart – I'll leave that up to you. Two of the Senators signing that letter were from Illinois. Yes, Senator Durbin and Senator Kirk both recognized the value of small system training and the importance of protecting our drinking water from contamination and signed on to the letter addressed to the Administrator of USEPA. However, this change of heart is only the glimmer that I referred to earlier. The USEPA has yet to develop the guidance or policy on how the competitive program will be bid. Our best guess at this point is no time soon. Translation – no programs after August 31st.

As everyone gathered in the general session room for the kickoff of this year's in-service, a quote attributed to Winston Churchill was used by one of the speakers and for some reason it stuck with me. The quote seemed to sum up the efforts of you, me and the rest of the rural water family and I thought I would use it in this article. While researching the quote on-line I found that this one, like most good quotes from decades past, seemed to gain a life of its own and grow into something different. Even at that, it is still fitting and descriptive of the efforts



put forth by rural water folks from across the nation these past few months. You're probably saying get to the point! What was the quote? It was three simple words – "never give in". But Winston Churchill thought these words so important and so descriptive of what the British had endured, he felt compelled to repeat them in his speech given on October 29, 1941. It was on that date Prime Minister Churchill visited Harrow School to hear the traditional songs he had sung there as a youth, as well as to speak to the students. This became one of his most quoted speeches. The myth is that Churchill stood before the students and said, "Never, ever, ever, ever, ever, ever, ever, give in. Never give in. Never give in. Never give in. Never give in." Then he sat down. In reality, he made a complete speech that included words similar to what are often quoted. Those words were "Never give in. Never give in. Never, never, never, never--in nothing, great or small, large or petty--never give in, except to convictions of honor and good sense." And that folks is the exact approach IRWA, along with sister associations across the nation has taken when it comes to reinstating funding for the USEPA programs. Until such time, you will most likely see several changes in the way IRWA offers continuing education opportunities to operators throughout the state. These changes are still being discussed at this point but I will keep you posted as circumstances warrant. 💧



Winston Churchill

**Beauty is in the eye of the beholder
who doesn't have to pay to maintain it.**



The great thing about a Natgun water storage tank is once you put it in service it stays in service. For decades. Without Interruption.

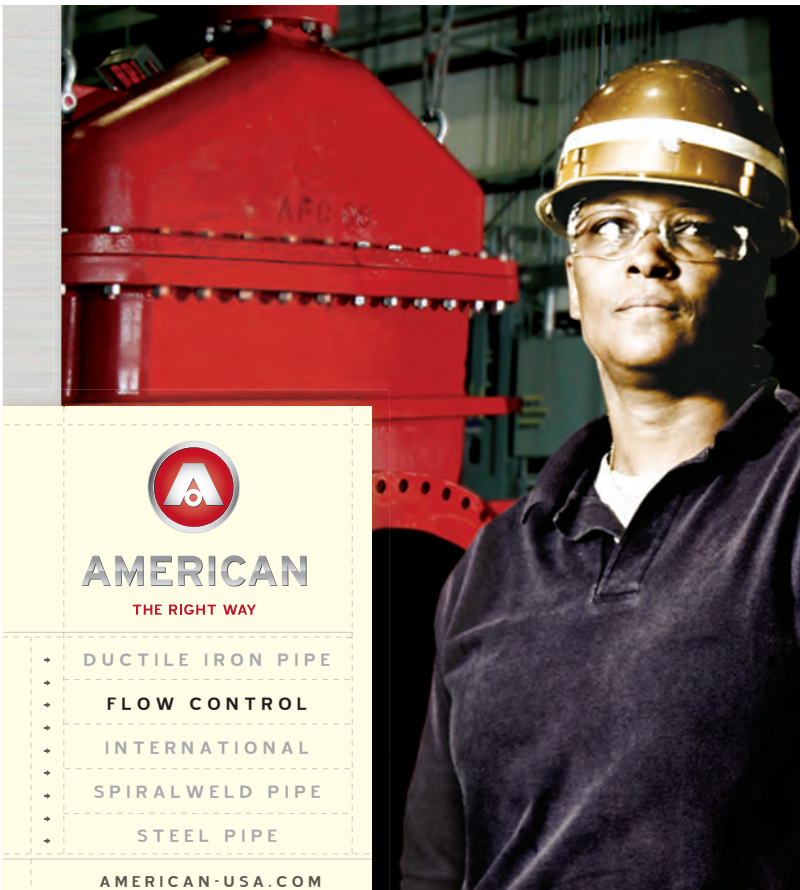
You don't maintain it.
You don't repaint it.
You don't worry about it.

847-782-0357

www.natgun.com

Jerry Myers, Regional Manager

400,000 Gallon water storage tank constructed for the IL American Water Company. Engineering by the Faraworth Group.



AMERICAN

THE RIGHT WAY

- DUCTILE IRON PIPE
- FLOW CONTROL
- INTERNATIONAL
- SPIRALWELD PIPE
- STEEL PIPE

AMERICAN-USA.COM

**THE RIGHT WAY
MEANS
DOING WHAT
YOU SAY
YOU'LL DO.**

NOT SAYING WHAT YOU THINK YOU'LL DO.

At AMERICAN Flow Control, the proven reliability of our valves and hydrants is backed by something you can always count on — a company that believes in doing things the right way. That means being there before, during and after the sale with answers and advice, just like we've done for each and every one of our clients for more than 100 years. Because the right way is the AMERICAN way.



ILLINOIS RURAL WATER ASSOCIATION

8th Annual Golf Outing

The Illinois Rural Water Association (IRWA) is hosting its 8th Annual Golf Outing. This event is sponsored as a way to have a fun IRWA member activity.

The location for this event is **Piper Glen Golf Course in Springfield, Illinois**. The date for this four person scramble is **Friday, August 26, 2011**. The fee is \$50.00 which includes lunch, a gift bag, green fees and golf cart. Various prizes will be given away as well. Like last year, IRWA is trying to make this a fun-filled and affordable golf scramble. Your participation will ensure that this year's event will be every bit as successful as past outings. This event gives the IRWA members an opportunity to have fun and enjoy a day of golf with fellow industry professionals.

IRWA hopes for a great turn out for this event and you are encouraged to submit your registration forms prior to the **Friday, August 12, 2011** deadline. Please make checks payable to Illinois Rural Water Association. You can also go online and sign up and pay by credit card at www.ilrwa.org.

This will be a four-person scramble with a **10:00 a.m. shotgun start**. Participants are encouraged to be at Piper Glen Golf Course and check in at the registration table no later than 9:45 a.m. A box lunch will be served as you make your way by the club house while playing golf.

It is IRWA's hope that you will be able to attend this event. Please feel free to contact **Denise Burke** at 1-217-287-2115 with any questions you may have. We look forward to seeing you there!

Sincerely,



Board of Directors & Staff

WHAT: 8th Annual
IRWA Golf Outing

WHO: Water & Waste-
water Operators, Board
Members, Councilmen,
Mayors, Vendors

WHEN: Friday,
August 26, 2011

WHERE: Piper Glen
Golf Course—
Springfield, IL

FEE: \$50.00 for
operators (includes
lunch, gift bag, green
fees & golf cart)



ILLINOIS RURAL WATER ASSOCIATION
8TH ANNUAL GOLF OUTING

The 8th Annual Illinois Rural Water Association Golf Outing will be held on Friday, August 26, 2011 at Piper Glen Golf Course located in Springfield, Illinois. Directions to the course are located on the last page. The golf format will be a shotgun start at **10:00 a.m.** Please check in at the registration table no later than 9:45 a.m. Please fill out the registration form below and send it along with your check to the address listed below. You may also pay by credit card online at www.ilrwa.org. **Registration must be received and paid by Friday, August 12, 2011 in order to reserve your spot. We are limited to 120 golfers for this event.**

Course Rules:

- Dress must be in good taste keeping with golf tradition.
- Only non metal spikes are allowed.

PIPER GLEN GOLF COURSE— 7112 PIPER GLEN DRIVE—SPRINGFIELD, ILLINOIS

217-483-6537

www.piperglen.com

Registration Form

Friday, August 26, 2011— 10:00 a.m. (Shotgun start—4 person scramble)

Single Golfers will be teamed with a foursome.

NAME(S): _____

SYSTEM NAME: _____

ADDRESS: _____

PHONE: _____

OF GOLFERS

Operators / City Officials / Guests @ \$50.00 = _____

Associate Members / Vendors @ \$65.00 = _____

(If Associate members are sponsoring the golf outing (please see next page), then the fee to participate will be \$50.00).

Total = _____
(includes lunch, gift bag, green fees & golf cart)

Please make all checks payable to Illinois Rural Water Association. Return your completed registration and payment to: **Illinois Rural Water Association—P.O. Box 49—Taylorville, Illinois 62568**

If you have any questions, please contact **Denise** at Illinois Rural Water Association at 1-800-762-3547 or email her at: ilrwadb@ilrwa.org.

Sponsorship Form

Lunch Sponsorship	-	\$500.00	(limited to 3 sponsors)
Beverage Cart Sponsorship	-	\$500.00	(limited to 2 sponsors)
Hole Sponsorship	-	\$150.00	(limited to 18 sponsors)
Hole in One Sponsorship	-	\$300.00	(\$5,000 cash)
		\$275.00	(Seven day cruise)
		\$250.00	(Golf Clubs)
		\$250.00	(\$500.00 golf shop credit)
Gift Bag Sponsorship	-	\$350.00	(limited to 4 sponsors)

LUNCH SPONSORSHIP: Lunch sponsors will have their sponsorship sign posted by the table where the box lunches will be set up reaching all of the golfers and two free registrations to participate in the golf outing.

BEVERAGE CART SPONSORSHIP: Beverage cart sponsors will have their sponsorship sign on the courtesy carts that will be on the golf course driving around with bottled water, beer and soda compliments of your company. They will also receive two free registrations to participate in the golf outing.

HOLE SPONSORSHIP: Hole sponsors will have their sponsorship sign **off the tee**. This is a great opportunity for visibility.

HOLE IN ONE SPONSORSHIP: Hole in one sponsors will have their sponsorship sign displayed off the tee and will be recognized prior to the shotgun start of the outing.

GIFT BAG SPONSORSHIP: Your company logo (one color) will be imprinted on an item to be placed in each gift bag. Please contact Denise to check on the availability of the following items:

- | | |
|---------------------------|----------------------|
| 1. Golf Tee Keeper | 3. Golf Towel |
| 2. Golf Tee Packs | 4. Gift Bag |

Sponsorship Registration Form

Company Name: _____

Contact Name: _____

Address: _____

City: _____ **State** _____ **Zip Code** _____

Sponsorship Level: _____ **Amount Enclosed:** _____

Please complete and return the Sponsorship registration form and payment to:

Illinois Rural Water Association—P.O. Box 49—Taylorville, IL 62568

If you plan on participating in the golf outing, please fill out the registration form on the previous page and return with this form with your payment. If you plan to attend but not golf in the outing, please let us know on this form.

2011 NORTHERN CONFERENCE

October 25 & 26, 2011

Clock Tower Resort & Conference Center, Rockford, IL

TENTATIVE AGENDA

Tuesday, October 25

WATER

9:00 – 9:30 Rural Development Update
9:30 – 10:30 IEPA Update
10:30 – 11:00 **Exhibit Hall Opens/Break**
11:00 – 12:00 To Be Announced
12:00 – 1:00 **Lunch**
1:00 – 2:00 Chemicals
2:00 – 2:30 **Break**
2:30 – 3:30 Static Metering Technology
3:30–4:30 Making the Internet Useful
4:30 – 7:00 **Hospitality Night**

WASTEWATER

EDMR's
Equipment Calibration
IEPA Reg. Update
Sand & Rock Filter Cleaning
Trench Safety & OSHA Excavation Standards



Wednesday, October 26

9:00 – 10:30 JULIE Update
10:30 – 11:00 **Break**
11:00 – 12:00 Prescription Drug Disposal
12:00 – 1:00 **Lunch**
1:00 – 2:30 How to Run an Effective
Cross-Connection Control Program
2:30 – 2:45 **Break**
2:45 – 4:00 Source Water Protection from
a Well Drillers Prospective
4:00 **Closing Ceremony/Grand Prize Drawing**

VFD's
Magna Drive
Preventing Erosion/Corrosion at Your Plant
GIS/GPS Mapping & Video Inspection



"IN PURSUIT OF SOLUTIONS"

Registration Form



NAME: _____

SYSTEM REPRESENTING: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE #: _____ E-MAIL ADDRESS: _____

More information
and credit card
payment is
available at
www.ilrwa.org

FULL REGISTRATION: Includes Technical Sessions, Meals, Activities & Exhibit Hall for *both days*

Member: \$125.00 = \$ _____ Non-Member: \$180.00 = \$ _____

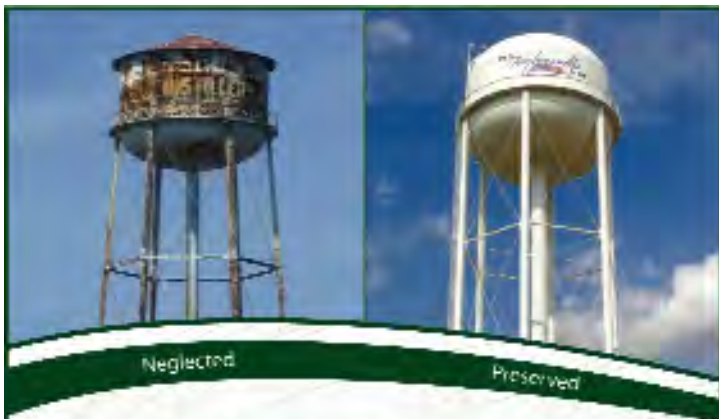
ONE DAY REGISTRATION: Includes Technical Sessions, Meals, Activities & Exhibit Hall for that *day only*

Member: \$100.00 = \$ _____ Non-Member \$155.00 = \$ _____

Please circle which day you will be attending: TUESDAY WEDNESDAY

TOTAL ENCLOSED: \$ _____





Don't Neglect Your Tank - Preserve It!

American owned Caldwell Tanks, Inc. is the oldest and largest full-service tank company in the world. Caldwell can provide professional maintenance services to extend the life of your water storage structures. Caldwell's Tank Asset Preservation (TAP) programs enable tank owners to protect their investment, avoid expensive repairs, and plan annual expenses.

Caldwell's professional tank services include:

TAP-ONE

Extended warranty program

TAP-ON

Full-service on-going maintenance

Whether you are interested in extended warranties for new tanks or preserving your existing structures with a full-service maintenance program, Caldwell is uniquely qualified to meet all your water storage tank needs.

**Designing, Constructing and Maintaining
Tanks for Over 120 Years.**



Water - Energy - Industrial

Ted A. Server - Phone 502-974-6930
Fax (502) 962-2252
tserver@caldwelltanks.com
www.caldwelltanks.com

Wells
Pumps
Water Treatment

Layne Christensen Company

Aurora, IL (630)897-6941
Beecher, IL (708)946-2244
St. Louis, MO (636)343-3700

www.laynechristensen.com

Well and Pump Rehabilitation

Water Well Solutions

Design, Service, & Installation

888-769-9009
Oconomowoc, WI • Elburn, IL
www.waterwellsolutions.com

Electrical Controls

24 Hour / 7 Day a Week Service

Booster Systems

Out with the "Old"... In with the "New" Holiday Shores Sanitary District

by Pat Gammill,
Circuit Rider

This statement has been used in many situations and I can agree there are times when you just know that it's time to get rid of the "Old" and bring in the "New." This stands true these days when it comes to upgrading a water treatment facility to fit the times of our ever changing technology. But even though something is old it doesn't mean that it isn't or wasn't ever good...it may need upgraded...it may need a facelift...but the idea and the concept of the "Old" will always stand true.

In the days when I ran a treatment plant before I started with IRWA, my controls basically consisted of an HOA switch. It did everything I needed it to do and I knew if it was in the H position it would operate by hand...if it was in the A position it was running automatically and if it was in the O position it was

off! When I make visits to systems now a lot of them have upgraded to the new technology. Everything from feeding the chemicals to backwashing the filters to running the high service pumps is controlled through the computer. Sometimes I feel pretty old school... I would have a problem wondering if that valve really opened or closed because I didn't physically do it myself. But that is the way it is...that is the "New"...the "Old" concept is still there it's just doing it in a "New" way.

The new treatment plant at Holiday Shores near Edwardsville is not a stranger to the new technology. They as well have recently upgraded from the "Old" to the "New." Let me take a minute to share a little history.

Holiday Shores is a lake subdivision that was developed in the early 60's. What was once farmland



that sat in a very rural area just south of Prairie Town...much of which was owned and farmed by my relatives...and where I spent 90% of my childhood... is now a community that services 1400 connections. The old treatment plant was built in 1967. The treatment process consisted of a coagulant for pretreatment, carbon for taste and odor, two gravity sand filters, chlorine for disinfection and fluoride. At that time there were only a handful of homes that the plant supplied.

continued on page 19

www.municipalwellandpump.com

Serving the Entire Midwest
800.383.7412

- Water System Design/Build
- Expert Pump Service
- Well Rehabilitation
- Well Drilling

EMPLOYEE OWNED
AND COMMITTED
TO YOUR
WELL-BEING

MUNICIPAL
WELL & PUMP

CURRY & ASSOCIATES
ENGINEERS INC
Consulting Engineers

General Municipal & Industrial
Water Plants & Distribution Systems
Pump Stations & Water Storage Tanks
Wastewater Plants & Collection Facilities
Site Development & Stormwater Mgmt

RD Box 240 | 249 East Ave
Nashville, IL 62258

Telephone: 618.327.8841 email: info@curryassociates.com
Visit our website at <http://www.curryassociates.com>

Red Valve Company, Inc.

Ken Woods
Regional Sales Manager

2825 Zamboni Rd., Suite 28 • St. Charles, MO 63388
phone/fax 636.861.8804 • cell 314.791.5832
corporate 412.279.8644

info@redvalve.com
redvalve.com • tideflex.com

Out with the "Old"... In with the "New" Holiday Shores Sanitary District

continued from page 8

But over the years Holiday Shores grew and more people were buying lots and building homes. In fact in 1970 my folks bought a lot and we built a home right on the lake. It was incredible! I was going on my last year of high school and what better place to live than on a lake!

During the next couple years I did a lot of water skiing...a lot of partying... and met a lot of new friends. One of which was Ken Dulle who is now the Water Superintendent for Holiday Shores Sanitary District. I have known Ken now for...wow...35 years along with Joe Urban the water operator for the system. Of course Joe is a few years younger than Ken and myself...in fact I used to babysit him many moons ago. (He's gonna get me for that one, ha!). But years passed... went on to new adventures... but came back 20 years later to become the water operator for that "Old" Plant after graduating ERTC at SIUE. Yep, Holiday Shores was my first job in the water industry! And now some 20 years later as a Circuit Rider for IRWA, I am writing an article about the new treatment plant at Holiday Shores...a place with much

history and many memories for me! Yep! That's the "Old."

The "New" treatment plant is top notch, state of the art and truly up to the minute with the new technology. But the principle of the treatment is still the same as the "Old" treatment plant.

This .5 MGD capacity facility averages 180,000 gallons per day. There are 2 raw water pumps that pump surface water from the lake to the plant. Alum is used as the coagulant for pretreatment with tube settlers for clarification. The process has 2 memcor filters where sodium hypo, citric acid, and sulfuric acid are added. There are 2 carbon filters and chlorine is used for disinfection. The finished water fills a 250,000 gallon clearwell and the 2 high service pumps can then pump water to the 2 elevated towers in the system which can both hold 150,000 gallons of storage.

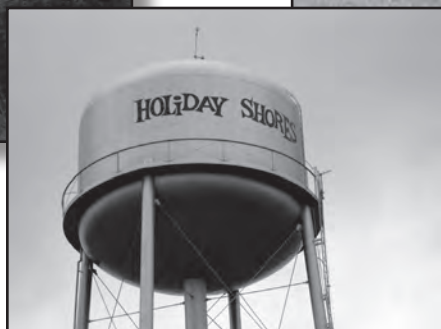
Holiday Shores Sanitary District employs: Ken Dulle, Water Superintendent...Joe Urban and Dallas Hayes, Water Operators...and Donna Kinder and Carla Lankster, Office

Personnel. I get the opportunity, like I do with so many of you, to work with these folks on occasion. Their dedication and hard work along with that of their Board of Directors has paid off for the District over the years. Since the days when I worked at that "Old" treatment plant... the District now also supplies wastewater treatment to their customers.

A lot changes over the years and I believe we are really noticing it much more in the water/wastewater industry. We may have a lot of "New" in the technology but let's keep the "Old" in the operator. Because with that comes the experience...the knowledge...the ideas and the concept of it all...which is to supply safe drinking water for everyone now and in future generations to come.

I want to thank Ken and his crew for allowing me to visit the new plant and take these photos to share with you all. I appreciate being in a position to see and write about these "New" changes...but I gotta say... it makes me realize...I'm the "Old!"

See ya in my travels! 💧



Our Need for William Shatner

by Kenneth McCormick

In the old days, well old days to you but not such old days to me, certain actors and actresses would become so popular that they would go on seemingly forever in films, until they were not able to do the job any longer or died. Some of these people were Henry Fonda, John Wayne, Jimmy Stewart and others. This was said to be attributed to their great skill at acting. We would watch one of their movies and say things like, wow he still has it. That was a complement which meant he still was a great actor. These names were so powerful that when they would appear on a movie marquee, many people would rush to see the movie, just because a certain person was in it. I guess you would have to say that this was the golden age of movies. Then something very profound happened. Television started to become popular. With television however, it was much harder to attain this type of status, although in the beginning a

few did like Milton Berle and Jack Benny, two comedians. Then it happened, one person came on to the scene in the sixties and his fame is still with us to day.

William Shatner was not an actor that you would put into the class of a Fonda, Taylor, or Bogart. He never claimed that he was. He began his acting career in 1950. He was born in 1931 and kept his real name which is very unusual. His full name is William Alan Shatner and as most people know, he was born in Canada. His grandfather was Wolf Schattner and anglicized the family name to Shatner. Shatner was raised in the conservative Jewish religion. When I said that Shatner was not in the class of Fonda and others, this was not to say that he was not a good actor. He was trained as a classical Shakespearean actor and appeared in the Stratford Festival of Canada in Stratford, Ontario. There is something about Shatner's personality that seems to

make us like to watch him. I don't know the man since I have never met him, but he does come across like a very likeable person. I remember watching him recently on an interview show that he had on cable and he interviewed Leonard Nimoy. I couldn't pull myself away from it. Does Shatner have some power over us that we are not aware of?

There are still a few of us around that remember the Howdy Doody Show. It was a very early tv show for children that featured a marionette as Howdy Doody. Shatner played Ranger Bob in the Canadian Version. Shatner did have some experience in the movies and was in the movie, The Brothers Karamazov. He played the younger brother. The film featured many big names of the time such as Yul Brynner, Lee J. Cobb, Richard Basehart, Albert Salmi, Maria Schell, Clare Bloom and others. Although Shatner made many movies other than

Providing Comprehensive Services for Midwestern Water and Wastewater Infrastructure Since 1946

Planning • Design • Construction Observation • Start-up



CMT

CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS

2750 West Washington Street
Springfield, IL 62702
217-787-8050

www.cmtengr.com

Springfield, IL • Aurora, IL • Chicago, IL • Columbus, OH
Edwardsville, IL • Indianapolis, IN • Peoria, IL • Rockford, IL • St. Louis, MO



NORMAN NOE, President

317-933-2274

NACE Certified Coating Inspector #1891

AWWA Life Member

Norman@NormanNoeWaterTankInspection.com

www.NormanNoeWaterTankInspection.com



BRASS FIRE HYDRANT WATER PRESSURE RELIEF VALVES

The NORMAN NOE CO INC offers brass water pressure relief valves that are used to help relieve water main pressure when a water tank is "off line" for maintenance or emergencies. The adjustable valves are preset to 65 psi and come complete with 2-1/2 inch brass fire hydrant and fire hose discharge adapters and a 0-100 psi pressure gauge.

To order one or more valves go to

www.normannoewatertankinspection.com and click on Relief Valves or call 317-933-2274

Star Trek, I do not believe that is where his popularity arose from. It came initially from television. He made at least a couple of the original Twilight Zones, which are constantly being shown on television. He also did many voices, but when he became the fearless Captain Kirk of the star ship Enterprise, his career was really born. As strange as it seems, he probably didn't know it at the time, because the series was canceled after about 90 + episodes, but enjoyed and still enjoys constant re-runs.

Millions of people have grown up watching Shatner perform some hammy acting at times in the series, but there was that something that he had that made every episode enjoyable. The show began to have a life of its own. Star Trek conventions began to appear everywhere and suddenly everything Star Trek became collectable. Kirk (William Shatner) started to appear in small plastic statue form in all different Star Trek toys. People did not seem to be able to get enough of him. Then came the Star Trek movies. Shatner seemed to have perfected his acting ability to the point where it was even more enjoyable in the films than it had been on the tv screen. The first movie was Star Trek: The Motion Picture. Actually it wasn't very good. The next film however was considered one of the best and that was Star Trek II: The Wrath of Khan. The other films featuring the original cast were Star Trek III: The Search for Spock, Star Trek IV: The Voyage Home, Star Trek V: The Final Frontier, Star Trek VI: The Undiscovered Country. The last Star Trek film that Shatner was to appear in was Star Trek: Generations.

We were all at a point now where we needed to see Shatner again. It had been some time since he had appeared on television. Before I get into that I have to tell you that Shatner received or was nominated for numerous awards for his acting. Here is a list of them:

- **2005 Golden Globe:** Best Performance by an Actor in a Supporting Role in a Series, Miniseries or Motion Picture Made for Television - Winner

- **1999 Emmy:** Outstanding Guest Actor in a Comedy Series - Nominee
- **2004 Emmy:** Outstanding Guest Actor in a Drama Series - Winner
- **2005 Emmy:** Outstanding Supporting Actor in a Drama Series - Winner
- **2006 Emmy:** Outstanding Supporting Actor in a Drama Series - Nominee
- **2007 Emmy:** Outstanding Supporting Actor in a Drama Series - Nominee
- **2008 Golden Globe:** Best Performance by an Actor in a Supporting Role in a Series, Miniseries or Motion Picture Made for Television - Nominee
- **2008 Emmy:** Outstanding Supporting Actor in a Drama Series - Nominee
- **2009 Emmy:** Outstanding Supporting Actor in a Drama Series - Nominee

Shatner was featured in several television series. They were the \$10,000 Pyramid, 3rd Rock from the Sun, Battle of the Network Stars, Dr. Kildare, T.J. Hooker, The Defenders, The Late Late Show with Craig Kilborn and the Practice. He also has been the guest star on shows over 260 times and growing. He has appeared in over 52 movies as either an actor or voice. To this we have to add that he produced some shows and directed some episodes of shows.

At 79 years old, as of the writing of this article, Shatner is not finished yet and currently has a new show to fulfill our need to see him, it is called Shatner's Raw Nerve and appears on the Bio channel. It is basically an interview show where a guest comes on and is asked

interesting questions by Shatner. It may not be the same as watching Shatner fight a lizard looking alien using only whatever is at hand, but he is getting a little long in the tooth for that. I guess we will just have to satisfy our Shatner needs without the action that used to accompany them. An old Shatner is better than no Shatner at all.

Ken is the webmaster of <http://aboutfacts.net> an interesting, free Internet magazine that is suitable for the entire family. Copyright © 2010 by About Facts Net and its licenseors. All rights reserved. Permission is granted to reprint this article as long as the article is unchanged and all links are left intact including the biography.

About The Author

Ken is the webmaster of <http://aboutfacts.net> an interesting, free Internet magazine that is suitable for the entire family. 💧



The advertisement features a circular logo on the left with a stylized globe and a circular logo on the right with a person at a desk and the text "Utility Service". Below the logos, the text reads "America's Tank Maintenance Company!™" and "Utility Service is the premier provider of professional water tank services:". A bulleted list follows: "Maintains thousands of potable water tanks under full service asset management programs", "Delivers true sustainable solutions and peace of mind", and "Provides site management services for antennas on existing and new tanks". Below this is the "WaterMix" logo with the tagline "The Right Mix for Cleaner Water" and another bulleted list: "Minimize organics", "Stabilize disinfectant residuals", "Eliminate thermal water stratification", and "Maximize filter media efficiency". At the bottom, it says "Call your local Utility Service Representative today..." and provides contact information for Northern IL (Bill Murfree, 815.761.6190, bmurfree@utilityservice.com, Dekalb, IL) and Southern IL (Darin Clarke, 217.381.8566, dclarke@utilityservice.com, Chatham, IL). The website www.utilityservice.com is listed at the bottom right.

WATER WORKS BRASS AND PIPELINE PRODUCTS



THE FORD METER BOX COMPANY, INC.

(260) 563-3171 • FAX: (800) 826-3487

<http://www.fordmeterbox.com>



Think Tnemec.

Tnemec Company has been the leading supplier of protective coatings to the water industry for more than 30 years. Our extensive line of proven products offers unparalleled corrosion protection and aesthetics, extending your maintenance cycles and providing unmatched life-cycle value. Contact us for a complimentary protective coatings packet or coating system consultation.

When you think of coatings, think Tnemec.



Tnemec Company Incorporated 6800 Corporate Drive Kansas City, Missouri 64120-1372
1-800-TNEMEC1 Fax: 1-816-483-3969 www.tnemec.com

CONTACT YOUR LOCAL
TNEMEC REPRESENTATIVE:

NORTHERN ILLINOIS

Erik Otten
Taylor Coating Sales
8520 Brookfield Avenue
Brookfield, Illinois 60513
Tel: (708) 387-0305
eotten@tnemec.com

WESTERN ILLINOIS

Keith Kennett
Kentec, Inc.
110 North State Street
Geneseo, Illinois 61754
Tel: (309) 945-2094
kkennett@tnemec.com

SOUTHERN ILLINOIS

Steve Schatz
Coating Solutions, LLC
530 Orchard Lane
Lureka, Missouri 63025
Tel: (636) 938-9292
sschatz@tnemec.com

Just For Fun - Word Search

Summer Days

AUGUST
BOATING
BUTTERFLY
CAMPING
COOKOUTS
FIREWORKS
FISHING
FLOWERS
GARDENING
GOLFING
GREENGRASS
HUMIDITY
ICECREAM
JULY
JUNE
LIGHTNINGBUGS
MOSQUITOES
PARADES
PICNICS
SOLSTICE
SPRINKLERS
SUNGLASSES
SUNSCREEN
SUNSHINE
VACATION

N E E R C S N U S K S Z X Q K Y M Q H M N
M N P K B N L L L O L B T K F T Z P R Q W
M K N G H L D D L J H C K K V I B R M Z B
T K X T W D N S M W Y R N F L D R T M G F
F G C M K H T Y Z Z L R J D L I P T O F M
A T V J Y I S T U O K O O C M M R Z S L P
R U R R C M T F T L X R L N K U M Y Q O H
G R G E B G R E E N G R A S S H N T U W Q
N G K U W L I G H T N I N G B U G S I E K
I M M L S A Z R D W W S N M S P G F T R P
H Y H K S T T N L P H M E K Z A Y E O S V
S L G J X R M E A M H C R S R Q N B E N A
I F N X K B E R R L A O A D S I G V S Z C
F R I Y R T A L R M W E E M H A K F W Y A
L E F C G D C G K E E N R S P L L F N C T
H T L L E H N W R N I L N C V I N G J G I
Q T O S M I H I L N I U O R E N N M N R O
C U G Q T H F Q G K S R H N W C E G T U N
N B N A N B S C I N C I P L G N I L R G S
M K O R L N Y M J U L Y Q S U H T R J V T
R B J L Z M T H M N N G D J M K P K V P L



**CHECK OUT OUR WEBSITE
AT WWW.ILRWA.ORG FOR HANDOUTS
ON THE FOLLOWING SUBJECTS:**

HANDOUTS

Steps for creating a Rural Water District

Basic Math Handbook

Cross Connection Cover Letter

Cross Connection Survey

How Much Water?

Leak Checklist

Notification of Issuance of a Boil Order

One Drip At A Time

Think of it This Way

Water Loss Worksheet

Emergency Procedures Booklet Quick Reference Guide

Word file or pdf file

Emergency Procedures Reference
(Storage Tanks)

IRWA Member Services

Video Inspection Services

Video inspection technology can help you identify and prioritize maintenance issues, while improving service and reducing emergency maintenance costs.

IRWA is excited to introduce our new Video Inspection Service to our members. The normal fee for this service is \$250.00 for small projects, larger projects requiring more than 1 day will be based on cost per foot.

A contract must be signed in advance of the inspection. Upon completion, your system will be invoiced for these services and will also receive a detailed report including diagrams of the inspection features, and a DVD for your reference.

For more information, or to schedule an inspection of your system, please call our office at 217-287-2115 or visit our website: www.ilrwa.org.



GPS/GIS Mapping Services

Through the implementation of GPS & GIS technology, IRWA can effectively produce hard copy and digital maps. With this new service available from IRWA, utilities can attain new and accurate maps to better manage their infrastructure assets.

The printed maps can be large-scale wall maps, (44" wide) showing major features with the desired layers (aerial photos, streets, topography, etc.). The printed maps can also be generated into a map book format. The map book is a bound 18" x 24" book of high-detail maps printed at the best available scale.

The digital map file on a CD, can be viewed and printed with free software that IRWA will provide. The software allows you to click on a waterline with a leak and highlight which valves need to be closed to isolate the line. There are also tracing features to show the direction of water flow, and other useful features.

Payment for services is determined by a charge per each system feature located. The amount charged for a Map Book will be \$50 plus \$5 per page, and a wall map is billed at \$100 per map. More information is also posted on our website at www.ilrwa.org, or you may call our office at 217-287-2115.



PITTSBURG TANK & TOWER MAINTENANCE CO. INC.

SAVE!
We have a crew in
YOUR AREA!

INSPECTIONS:	REPAIR:	NEW & USED:	TANKS:
Wet Dry ROV (Robotic)	Clean Paint Insulation API	Relocation Erectors Dismantles Mixing System	Elevated Underground Ground Storage

ROV inspections can be viewed on TV console during inspection & DVD provided. All inspections include bound reports, recommendations and cost estimates.

www.watertank.com
270-826-9000 Ext. 253

WANTED TO BUY: ELEVATED WATER TOWERS & STEEL GROUND STORAGE TANKS

Attention Municipalities:

We will purchase your steel towers and tanks.

Take advantage of the high price of scrap. Call today!!!



- F.R.A. Certified Safety Trained
- \$6 Million G.L. Insurance
- Concrete Tank Removal Services

Numerous Job References Available

**Call MEXUS Industrial
to Schedule Your Demo**

Phone: 217-528-7616

Fax: 217-528-7636

www.mexusdemo.com

WHAT'S IN IT FOR ME?

ALL MEMBERS RECEIVE:

- ◆ Mailing of T.A.B. (Technical Assistance Bulletin) pertaining to water/wastewater systems every other month
- ◆ Mailing of "IRWA Water Ways" quarterly magazine
- ◆ Member prices for IRWA conferences and other fee based training
- ◆ Annual mailing of Industry Contact Book
- ◆ A voice at the State and Federal levels of



VOTING & SUPPORTING MEMBERS RECEIVE:

- ◆ Mailings of all upcoming training sessions in your area
- ◆ Free access to our large selection of technical equipment
- ◆ Technical assistance provided by field technicians at no charge to you
- ◆ Listing of your job openings in a mail out to our S.O.U.P. Members at no charge to you
- ◆ Access to IRWA Technical Assistance Library, slide presentations, & videos at no charge
- ◆ Discounts from affiliate programs through National Rural Water on fleet vehicles, and QuickBooks software



ASSOCIATE MEMBERS RECEIVE:

- ◆ Discount on advertising rates in Water Ways
- ◆ Free advertising in IRWA's Industry Contact Book
- ◆ Link to your website from ours
- ◆ Discount for members only given on IRWA's conferences
- ◆ The chance to offer IRWA's members a special discount to promote your product
- ◆ The opportunity to submit abstract for review for possible presentation at training sessions or conferences



S.O.U.P. MEMBERS RECEIVE:

- ◆ We will keep a database of all IRWA training sessions you have received throughout the year. A printout of IRWA CEU's will be mailed out to you on an annual basis
- ◆ Job referral mailing with a listing of jobs open in the water & wastewater industry from our voting members
- ◆ 10 % discount on all items in the IRWA store for S.O.U.P. members whose system is a Voting member



Let's Be PERFECTLY CLEAR...



...There simply is no better tank coating than glass-fused-to-steel.



Glass-Fused-to-Steel (Porcelain Enamel) is:

- A single, strong, integrated porcelain enamel and steel material fused together at over 1500° F
- An inert, inorganic coating that NEVER needs painting

Glass-Fused-to-Steel is not:

- A coating that needs periodic repainting to remain in operation
- An organic coating that begins to deteriorate starting day one after installation

Glass-Fused-to-steel tanks have been proven in the field for over 60 years. The technology is so robust that a service expiration date is yet to be determined. **Don't be Fooled by claims that paint and other paint-like coatings are better than glass.**

**IF it's NOT fading,
IF it's NOT chalking,
Then it's not paint.....it's Glass !!**

Specify quality, experience and low maintenance. Specify Aquastore® glass-fused-to-steel tanks. **The choice is clear.**

Call 815-899-5678 or visit www.CadyAquastore.com for more information.

AQUASTORE
Tanks & Domes
Glass Tanks with a Heart of Steel™
www.aquastore.com



940 W Prairie Drive Suite G • Sycamore, IL 60178
Ph: 815-899-5678 • Fx: 815-899-5681
davef@cadyaquastore.com • www.cadyaquastore.com

Southern Illinois
Municipal Equipment CO., Inc.,
St. Louis, MO
314-615-2100

Northern Illinois
Peterson and Matz, Inc.
Elgin, IL
815-841-4105

QUALITY PARTS
© 2011 Aquastore is a registered trademark of Environmental Management Products, Inc.



3305 Kennedy Rd.
P.O. Box 49
Taylorville, Illinois 62568

PRESORTED
STANDARD
U.S. POSTAGE
PAID
Springfield, IL
Permit No. 500

Featuring products in the following categories:

- Aeration
- Chart Recorders
- Chemical Feed
- Collection Systems
- Electrical
- Flow Metering
- Gauges
- Grounds Maintenance
- Hose
- Hydrants
- Lab Chemicals, Equipment & Testing
- Level & Pressure
- Locating & Leak Detection
- Maintenance
- Office Products
- Pipe
- Plugs
- Process Analyzers
- Pumps
- Reference
- Safety
- Sampling Equipment
- Security
- Stormwater
- Tanks
- Tools
- Valves
- Water/Wastewater Treatment
- Workwear

USABlueBook has EVERYTHING YOU NEED for Water & Wastewater Operations

Unsurpassed personal customer service and expert technical support

Over 27,000 items in stock and 95% of orders ship the same day

Nationwide distribution centers to serve you better!

★ WAUKEGAN, IL ★ LAS VEGAS ★ BOSTON ★ ATLANTA

Coming Summer 2011!



Call 1-800-548-1234 & request your **FREE MASTER CATALOG 122**

We're celebrating 20 years of service!



USABlueBook

Get the Best Treatment™ • 800-548-1234 • www.usabluebook.com