

WaterOne Travels 'Down Under'  
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40-ft lengths of 9-ft diameter, 3/4" steel casing pipe being inserted into the shaft.

The tunneling project is highly specialized and is being performed by Southland Contracting Inc. of Fort Worth, Texas. It is anticipated this piece of the pipeline project will be completed in the 4th quarter of 2008.

## WaterOne Staff Active in Efforts to Address Missouri River Bed Degradation

WaterOne staff has been actively working with area groups this year to address the problem of river bed degradation along the Missouri River. Tom Schrempp, WaterOne Director of Production, was instrumental in organizing a meeting with the Mid-America Regional Council (MARC) and the region's congressional representatives to discuss the significant drop in bed levels along the Missouri River. The group has been investigating ways to resolve the problem and has been active in attempting to obtain support and resources to address the issue.

The area's congressional delegation previously requested funds for the U.S. Army Corps of Engineers to investigate the source of the Missouri River bed's degradation, however, no funds have been appropriated. The investigation would determine the causes of the problem, and would



allow the Corps to determine possible actions to mitigate the problem.

Schrempp and WaterOne General Manager, Mike Armstrong, have also been participants on the Drafting Team and Review Panel of the Missouri River Recovery Implementation Committee (MRRIC). The MRRIC Planning Group is developing a Charter for the organization which will detail the future governance of MRRIC and will be used to guide its direction and operations in the future.

## Phase V Pipeline Projects Awarded

A major component of the Phase V expansion, in addition to building a new treatment facility, is the construction of a 17-mile 60" transmission main that will bring treated water to Johnson County. Because of the size of the pipeline project, it will be constructed in four separate segments. Completion is scheduled in 2009.

These projects, totaling \$54.3 million, were recently awarded by the WaterOne Board:

- A transmission main to bring well water from collector wells along the Missouri River to the new treatment facility along Sam Clark Lane in Wyandotte County. Contractor - BRB Contractors, Inc., Topeka, Kansas;
- A transmission main to transport water from the new treatment facility to Parallel Parkway in Kansas City, Kansas. Contractor - BRB Contractors, Inc.;
- A transmission main from Parallel Parkway to the Kansas River Tunnel. Contractor: Garney Construction Companies, Inc., KCMO; and
- A transmission main that will run from the Kansas River Tunnel to a new Pumping Station in Johnson County. Contractor: Garney Construction Co.

### WaterOne Governing Board

**Terry Frederick**, Chairman  
**Rob Olson**, Vice Chairman  
**Brenda Cherpital**, Member  
**Dick Noon**, Member  
**Bob Reese**, Member

**Jim Vader**, Member  
**Joe H. Vaughan**, Member

**Mike Armstrong**,  
General Manager

The Water Board meets the second Tuesday of each month at 7:00 p.m. at the Byron N. Johnson Administrative Headquarters and Service Center, 10747 Renner Boulevard, Lenexa. The meeting agenda can be accessed at [www.waterone.org](http://www.waterone.org).

The *Pipeline* is published for our business and community partners. Direct emails about the Pipeline to [ekoutelas@waterone.org](mailto:ekoutelas@waterone.org) or contact the Communications Department at 913-895-5540.



News from Water District No. 1 of Johnson County

## Chairman's Corner



Terry Frederick  
Board Chairman

For 50 years WaterOne has been serving our community. In this newsletter you will see evidence of our utility's continued commitment to quality water, efficient operations, and customer service. With the ground breaking of our new Phase V Treatment Facilities earlier this year, we are positioned to meet the needs of our customers well into the future. When the facility comes on-line in 2009, it will increase our total treatment capacity to 195 million gallons per day. Future expansions can then be made to the facility as needed to meet growing customer needs.

I am pleased to report that WaterOne received national recognition this summer when its water was voted *1st Runner Up* in the 'Best of the Best' International Best Tasting Water contest, sponsored by the American Water Works Association (AWWA). This distinction speaks to the priority we place on producing water that is of the highest quality and the overall commitment of our staff.

It is a privilege to be serving again as WaterOne Board Chairman for the 2007-2009 term, along with Vice-Chairman Rob Olson. Committee assignments for this term can be found in the newsletter. If you would like to see recent actions taken by the Board or other Board related news, visit [waterone.org](http://waterone.org).

**Celebrating  
Our 50th Anniversary!  
1957 - 2007**

## 2007 Capacity Development Achievement Award Presented to WaterOne

WaterOne was selected to receive the *2007 Capacity Development Achievement Award* from the Kansas Department of Health and Environment (KDHE). The award was presented by Dave Waldo, Environmental Engineer, Bureau of Water, at the September 11th WaterOne Board Meeting.

The *Capacity Development Achievement Award* is the first of its kind in the country, and is designed to encourage utilities to go beyond mere compliance with the Safe Water Drinking Act (SWDA). The program is intended to promote exceeding the standards set forth in the SWDA. "We're very proud of this innovative effort to reward public water supply systems for going beyond what we ask of them," stated Ron Hammerschmidt, Director of KDHE Division of Environment. "This is a positive way to encourage compliance, while protecting the environment and the public health."

"It is an honor to receive this award. Our staff is very dedicated and committed to the utility's operations," said Mike Armstrong, WaterOne General Manager. Terry Frederick, WaterOne Board Chairman added, "We are proud to receive this award which reflects our continued commitment to high standards in both water quality and delivery."

### Kansas River Improvements on Schedule



Board Member, Jim Vader, stands on a circular cell filled with compacted sand peering down into the river, approximately 35 feet below.

Improvements to the Kansas River Jetty continue as scheduled, with a completion date of May, 2008.

The project includes construction of a low water weir across the Kansas River to divert water into the intake's structure.

The weir consists of 18 large circular cells spanning the width of the Kansas River. The cost for these improvements is \$12.5 million.

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# PIPELINE



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Fall, 2007



## WaterOne Receives GFOA Award

WaterOne was proud to receive the Distinguished Budget Presentation Award from the Government Finance Officers Association (GFOA) for its 2007 Budget. The President of the Kansas GFOA, Maureen Rogers, presented the award to WaterOne's Board Chairman, Terry Frederick, at the September 11 Board meeting. This award was established to encourage and assist state and local governments in preparing budget documents of the

very highest quality. The award recognizes individual governments that succeed in meeting the guidelines established by the National Advisory Council on State and Local Budgeting and the GFOA's recommended practices on budgeting. In order to receive this award a governmental entity must publish a budget that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications piece.

## KS River Improvements (cont'd.)



Tom Schrempp (R), Director of Production explains progress on improvements to Board Member, Bob Reese (L) and Chairman, Terry Frederick (center)

## WaterOne Committee Appointments Made

WaterOne Board Chairman Terry Frederick has appointed the following Board Committees for the 2007-2009 term:

### Finance Committee

Bob Reese - Chairman  
Dick Noon - Member  
Rob Olson - Member

### Administrative

Rob Olson - Chairman  
Jim Vader - Member  
Bob Reese - Member

### Government and Community Relations

Joe H. Vaughan - Chairman  
Brenda Cherpitel - Member  
Dick Noon - Member

### Operations

Jim Vader - Chairman  
Brenda Cherpitel - Member  
Joe H. Vaughan - Member

### Retirement

Dick Noon - Chairman  
Bob Reese - Member  
Joe H. Vaughan - Member  
*Staff Members:*  
Shelley Homan - Member  
Ron Appletoft - Member



Five members of the WaterOne Board were administered the oath of office at the May Board meeting for the 2007-2009 term. Pictured left to right are: Joe H. Vaughan; Terry Frederick, Rob Olson; Brenda Cherpitel; Dick Noon and Board Secretary, Jill Bell. Board members Bob Reese and Jim Vader's were not administered the oath because their terms of office run from 2006-2008.

## Ground Broken on New Treatment Facility

WaterOne broke ground this spring on its new treatment facility being constructed in Wyandotte County near the Missouri River. The facility is part of the utility's Phase V Expansion project. Phase V projects include:

- Construction of a 17-mile 60" transmission main,
- An underground tunnel that runs below the Kansas River that will house a portion of the 60" main;
- Construction of a horizontal collector well near the Missouri River; and
- Construction of a storage reservoir near K-7 and 77<sup>th</sup> Street in Johnson County.

Population and water use projections indicate that additional capacity will be needed in the future to meet WaterOne's customer needs. The existing WaterOne facilities are fully optimized and cannot be expanded. The new facilities are scheduled to come on-line in 2009.

The Missouri River was selected as the best site for a new treatment facility after an extensive evaluation of alternatives. The Missouri River is less vulnerable to drought and provides the best long-term availability of supply. It also provides better water quality that is easier to treat than the Kansas River and has less potential for tastes and odor issues.

WaterOne held a number of public information meetings with citizens and elected officials throughout Wyandotte County in preparation for this project. For more information visit the utility's website at [www.waterone.org](http://www.waterone.org).

## WaterOne Travels 'Down Under' With Kansas River Tunnel

One of the more challenging components of the Phase V project is constructing a transmission main tunnel underneath the Kansas River as part of the pipeline project. The tunnel will house a steel water transmission main 60-inches in diameter. In all, 17 miles of 60-inch water main will be installed along the pipeline route.

The cost of the Kansas River tunnel project is \$6.7 million. It includes drilling two deep vertical shafts on each side of the river, in excess of 100 feet deep, and boring a horizontal tunnel 1,400 feet in length under the river bed to connect the shafts. The 60-inch transmission main will then be welded within the shafts and tunnel.

A similar tunnel was constructed more than 25 years ago when the utility first adopted its Master Plan and brought water from the Missouri River to its existing treatment plant on Holliday Drive. The new tunnel is needed to transport water from the new treatment facilities in Wyandotte County to Johnson County.

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Drilling equipment used to drill shafts weighing over 10 tons. A 15-ton crane is required to maneuver the drill apparatus.

## WaterOne Retains High Bond Ratings

WaterOne received affirmation earlier this year that it had retained its AAA rating from Standard and Poor's Rating Services and its Aaa rating from Moody's Investor Service. Additionally, Moody's affirmed its Aa1 rating on WaterOne's Junior Lien Bonds and Standard & Poor's upgraded its rating on the utility's Junior Lien Bonds to AAA. This is very good news for the utility and its rate payers.

According to the rating agencies, these exceptionally high ratings are a reflection of WaterOne's:

- Diverse and growing customer base
- Strong local economy and affluent service area
- Management's strong financial policies and practices
- Ample debt service coverage, and
- Manageable capital plan for the long-term needs of its customers.

To finance construction of the utility's new Treatment Facility and other Phase V projects, WaterOne sold \$180 million in Water Revenue Bonds in March 2007.

## Phase V Construction Progress

Since ground was broken on the new Phase V facilities earlier this spring, construction progress has been steady. As shown in the photo below, construction crews ready a primary contact basin for concrete.



## Did You Know?

In spite of the recent hot, long summer, no water usage records were set. The last WaterOne usage record of 148 MGD was set on August 24, 2003.