

## Water Fund

Fiscal Year 2012

The Water System consists of a 6.0 million gallon per day, state-of-the-art Reverse Osmosis (RO) Membrane Water Treatment Plant with five alluvial wells. This water supply and treatment is complimented with six additional deep wells, 4 booster pump stations, high service pumps, five elevated storage tanks, two ground storage tanks and over 174 miles of cast iron, ductile iron, transite, and PVC distribution lines. The Water System is expected to serve over 12,200 customers by year end. The City's Council is responsible for all policy decisions relating to the Water System, including the annual budget, capital expenditures, rates and fees for services, and construction and expansion projects.

Since bringing operations and maintenance back in house on January 1, 2009 treatment and distribution criteria prescribed and enforced by the State of Missouri have been exceeded in all categories. Staff continues to research and explore new processes to achieve greater efficiency within the system. One such improvement is the elimination of the addition of fluoride to the potable water supplied by the Water Treatment Plant (WTP), this change in treatment has saved the City \$18,000 annually and reduced the hazard for the operators in that they do not have to handle the dangerous chemical on a regular basis.

Water Fund operating revenues for 2011 are projected to be under \$3.8 million. The customer base has grown <1.0% in the last year and is expected to maintain similar growth levels during 2012.

The start-up and operation/maintenance of the new RO/Membrane Water Treatment Plant began in the 4<sup>th</sup> quarter of 2004. Consequently, operating/maintenance expenses increase with additional power, chemical and labor costs are associated with the new water treatment plant which is operated 24 hours/day, 7 days per week. Staff is hoping to add additional storage to the system in an effort to reduce operational cost by reducing the need for the Water Treatment Plant to be manned 24/7.

### Revenues

	Actual 2007	Actual 2008	Actual 2009	Actual 2010	Projected Budget 2011	Amount Change	Budget 2012	% Change
Sales & Services	\$4,224,958	\$3,637,115	\$3,628,145	\$4,392,642	\$3,545,108	\$815,865	\$4,360,973	23.0%
Interest	419,534	218,174	92,142	76,313	70,000	0	70,000	0.0%
Miscellaneous	206,051	106,995	155,011	177,131	166,108	49,322	215,430	29.7%
Other Sources/Bonds	0	0	0	5,802,743	0	0	0	0.0%
<b>Total</b>	<b>\$4,850,543</b>	<b>\$3,962,284</b>	<b>\$3,875,298</b>	<b>\$10,448,829</b>	<b>\$3,781,216</b>	<b>\$865,187</b>	<b>\$4,646,403</b>	<b>22.9%</b>