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CONTACT: Gary Lobaugh
Pennsylvania American Water
T: 724-873-3674
M: 724-944-5148
Gary.lobaugh@amwater.com

PENNSYLVANIA AMERICAN WATER ENERGY PROJECT REDUCES ELECTRIC CONSUMPTION AND GREENHOUSE GASES

Butler, Pa. (April 20, 2012) –Thanks to a newly installed energy recovery demonstration project, Pennsylvania American Water announced today that its Oneida Valley Water Treatment Plant in Butler County is generating approximately 20 kilowatts of energy and will reduce the plant’s greenhouse gas emissions by approximately 113 tons per year.

In February, the company launched the recovered energy project by installing a turbine generator system, which captures the hydrokinetic energy that is created when raw water flows from the reservoir into the treatment plant. Once the water passes through the turbine generator, it undergoes the normal treatment process and does not impact the quality or quantity of water produced.

Dan Hufton, senior director of production for Pennsylvania American Water, said, “This project demonstrates a renewable solution that reduces our electricity demand and cuts down on greenhouse gas emissions. We are committed to minimizing the environmental impacts of our operations through solutions that benefit both our business and our customers.”

Pennsylvania American Water estimates that approximately 97 percent of its electricity consumption and 90 percent of its greenhouse gas emissions are the products of the water delivery process, which includes pumping water from its source to treatment and storage facilities and on to customers. Hufton said the average peak electrical monthly demand for the Oneida Valley Water Treatment Plant is approximately 485 kilowatts.

Pennsylvania American Water partnered with Rentricity Inc., a New York City based, in-pipe hydro-renewable energy recovery -company, to install the system. “The project represents our commitment to making the Greater Pittsburgh region a clean and sustainable place to live and work,” says Frank Bursic, Regional Director of Rentricity. “It’s our mission to assist water systems reduce the large amount of electricity needed to clean and distribute potable water to customers.”

The final project cost was approximately \$660,000 and was financed through an investment of \$480,000 by Pennsylvania American Water, along with a \$180,000 grant from Pennsylvania Energy Development Authority (PEDA).

“This investment increases the plant’s efficiency, conserves energy and water, and reduces waste, which we hope will serve as an example for other water and wastewater facilities across the commonwealth,” said Hufton.

PENNSYLVANIA AMERICAN WATER PROJECT REDUCING ENERGY CONSUMPTION AND GREEN HOUSE GASSES

Pennsylvania American Water, a wholly owned subsidiary of American Water (NYSE: AWK), is the largest investor-owned water utility in the state, providing high-quality and reliable water and/or wastewater services to approximately 2.2 million people. Founded in 1886, American Water is the largest publicly traded U.S. water and wastewater utility company. With headquarters in Voorhees, N.J., the company employs approximately 7,000 dedicated professionals who provide drinking water, wastewater and other related services to an estimated 15 million people in more than 30 states and parts of Canada. More information can be found by visiting www.amwater.com.

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