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New Jersey American Water Installing Two New Solar Fields at its Facilities

Voorhees, NJ (February 8, 2012) – Using solar power to treat blue and as a result save some green, New Jersey American Water is becoming more environmentally friendly by installing solar arrays at two of its water filtration facilities. These arrays will enable the company to become more cost efficient and reduce the carbon footprint needed to deliver water to its customers' taps.

At its Delaware River Regional Water Treatment Plant in Delran (DRRWTP), and at its Mansfield well station in Burlington County, New Jersey American Water is constructing a total of nearly 7,000 solar panels which will produce more than 2.2 million kilowatt hours each year in energy offsetting production costs.

On a parcel of land at the DRRWTP – which treats and distributes water to customers in Burlington, Camden, and Gloucester Counties – New Jersey American Water and its contractor ENERActive Solutions of Asbury Park have designed and are building a solar field of 3,565 panels. This installation will produce nearly million 1.2 kilowatt hours per year. The \$7.7 million project will be complete in April 2012.

Simultaneously in Mansfield, New Jersey American Water and ENERActive have begun a \$7.1 million project to erect 3,290 solar panels that will produce more than one million kilowatt hours of power per year. The solar field will go into service in June 2012.

“As a company that cares about water, our most essential natural resource, it makes sense from an environmental and economic standpoint to use our most abundant natural resource to power our treatment and distribution facilities,” said Suzanne Chiavari, New Jersey American Water’s vice president of engineering. “Over the past several years, we have become more reliant on solar power to make our operations more cost efficient and to reduce our carbon footprint.”

New Jersey American Water’s solar projects have gained much recognition over the past year; most notably for its floating solar array on a reservoir at the company’s Canoe Brook Water Treatment Plant in Short Hills, NJ. The array is the first of its kind on the East Coast built to withstand a freeze/thaw environment.

The company’s first solar project was at its Canal Road Water Treatment Plant in Somerset. This installation is one of the largest ground-mounted solar arrays on the East Coast and generates nearly 20 percent of the plant’s power. Last summer, New Jersey American Water added a 150-kilowatt solar field to a well station in Farmingdale. In fall 2010, New Jersey American Water installed “solar bee” mixers in Reservoir No. 1 at its Canoe Brook Water Treatment Plant in Short Hills NJ. The “bees” constantly circulate water in the reservoir to improve water quality.

For pictures of the construction of New Jersey American Water’s solar field in Delran and Mansfield, visit www.facebook.com/newjerseyamericanwater.

New Jersey 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 2.5 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 more than 7,000 dedicated professionals who provide drinking water, wastewater and other related services to approximately 15 million people in more than 30 states, as well as parts of Canada. More information can be found by visiting www.amwater.com.

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