



For Immediate Release
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HOPEWELL, Va. - On July 10, 2017 at 11:00 a.m., the City of Hopewell Water Renewal (HWR) will hold a Ribbon Cutting Ceremony at its facility located at 231 Hummel Ross Road for the start-up of its Nitrogen Reduction Project. As one of the largest discharges of nitrogen in the James River and the Chesapeake Bay, the City of Hopewell's \$74 million nitrogen reduction project will benefit the water quality of the James River and the Chesapeake Bay by removing more than 34 million pounds of nitrogen during its initial 20 years of operation at a cost of \$3.33 per pound.

This design-build project was performed by Hopewell Nutrient Partners comprised of HDR Engineering, PC Construction, and HDR Constructors, Inc. utilizing World Water Works moving bed biofilm reactor (MBBR) technology. The project was funded in part by a 60% Virginia Water Quality Improvement Fund grant and an additional \$5 million granted by the 2013 General Assembly.

The City of Hopewell Water Renewal is a 50 million gallon per day (mgd) treatment works designed to treat a local mix of industrial wastewater from Organic Chemical and Pulp and Paper manufacturers. HWR treats an annual average of 27 mgd. Four industrial facilities in Hopewell produce 85 percent of the wastewater flow – AdvanSix Resins & Chemicals LLC, WestRock CP LLC, Ashland, LLC, and Virginia American Water Company. Other customers are residents of Hopewell and Prince George County, Fort Lee, and the nearby Federal Corrections Institute.

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