

The Virginia Department of Environmental Quality has issued AdvanSix an updated water permit. As part of our commitment to environmental stewardship, we work closely with scientists and regulators at DEQ to ensure that the work we do at Hopewell protects our employees, neighbors and the environment, while enabling delivery of American-made, quality products that support critical infrastructure in the U.S and enhance our daily lives. We are continuously improving our manufacturing processes, investing significant capital to ensure that our Hopewell facility provides a safe workplace that protects the environment.

Background on Virginia Discharge Elimination System (VPDES) Permit

The Clean Water Act requires everyone, including industrial facilities in Virginia, to obtain a permit for water discharges. The Virginia permit, called a VPDES permit, contains limits on what can be discharged, requirements for monitoring and reporting, and other provisions to ensure that the discharge is protective of water quality, public health, and the environment.

[Permit Basics | US EPA](#)

Benefits of an Updated VPDES Clean Water Permit

This permit implements all new and updated regulatory requirements adopted by Virginia. The core benefits to updating the permit are that it will support investment in capital projects to (i) reduce nutrient (nitrogen and phosphorus) discharges in accordance with the Commonwealth's Watershed Implementation Plan [Phase III | Virginia DEQ](#), which is Virginia's roadmap for protecting the Chesapeake Bay; and (ii) modify the facility's cooling water intake structures to ensure the protection of aquatic organisms. The permit also provides for site-specific scientific studies on water quality and aquatic organisms so that we can optimize the design of the capital projects and maximize protection of the James River and Chesapeake Bay.

Investment of Capital

The capital investment will be significant, and the next phases in our long-term stormwater management plan are designed to support robust stormwater management to further reduce nutrient discharges into the James River. AdvanSix has been continuously making improvements to stormwater and has already completed the initial four phases of work during the permitting process. Design engineering work has already started for the next two phases to enable construction start in early 2025 and completion by the end of 2027.

In parallel with the capital investment in stormwater, we will perform three water quality studies to design and inform future investments in ammonia reduction and our cooling water intake structures. We anticipate that we will complete the studies and install any further required ammonia reduction projects by early 2028 and cooling water intake modifications by 2030.