

Fact Sheet

Huntington Levee

Department of Public Works and
Environmental Services
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Fairfax County will build a levee and pumping station to protect homes and other property in the Huntington neighborhood from flooding. This is a complex project that will take up to five years to design and an additional two years to construct.

The Huntington neighborhood experienced flooding due to tidal surges from the Potomac River and flash flooding from the Cameron Run Watershed. Homes, vehicles and other property have been damaged. The homes were built in the 1940's and 1950's before floodplain regulations were enacted.

The following timeline includes the most recent flooding events:

- June 2006, 160 homes were flooded from a storm event
- January 2007, the U.S. Army Corps of Engineers (CORPS) prepared a study for Fairfax County to identify the factors that contributed to the 2006 flooding
- In 2008, at the request of Fairfax County, the CORPS developed alternative solutions to mitigate future flooding. The goal of the study included minimizing the impact to the community, the environment and the Resource Protection Area (RPA)
- January 2009, the CORPS submitted the study that included flood damage reduction measures
- September 2011, 160 homes were damaged during Tropical Storm Lee
- Fall 2012, a stormwater bond referendum was included on the ballot to fund the design of the mitigation measures developed in the CORPS 2009 study
- November 6, 2012, the voters of Fairfax County approved the stormwater bond referendum
- November 9, 2012, the Fairfax County Department of Public Works and Environmental Services (DPWES) solicited engineering consultant services for the design of the flood mitigation measures as determined in the 2009 CORPS study.

Based on the initial concept prepared by the CORPS, the plan includes a 2,800 foot long levee that begins west of Fenwick Drive and runs eastward to the Riverside apartments. The levee will tie into high ground upstream and downstream of the Huntington residential area, and includes:

- A pumping station to pump the water back into Cameron Run
- The top of the levee will be ten to 15 feet above the existing ground level (the final height will be determined during the design phase)
- The width at the top of the levee will be approximately ten feet; the base will be approximately 70 feet wide, depending on height (the final dimensions will be determined during the design process)
- The project will be designed to mitigate flooding from the type of storms that have occurred in the past. It will not be designed to offer protection from flooding that is caused by storms that are greater than a 100-year event (a storm that has a one percent chance of occurring in a given year).



For more information or to request this fact sheet in an alternate format
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