FLOODACTION ALEXANDRIA Newsletter

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Keeping you connected to the projects underway to reduce flood risk and protect Alexandria's waterways.

Project Spotlight

Humes Ave Stormdrain Bypass Project Utility Relocations Are Nearing Completion



City staff are working with utility companies to prepare the area near Mount Jefferson Park for significant upgrades to the storm sewer system as part of the Hume Avenue Bypass Project. Currently, gas utility infrastructure is being relocated on East Raymond Avenue. This work is planned to be completed in fall 2026, after which utility crews are expected to move to Hume Avenue to begin additional relocations.

The approximately $5 million investment to mitigate flooding includes installing a new storm sewer and inlets along Hume Avenue. The storm sewer will bypass the existing pipe behind the townhomes, providing additional capacity to catch and carry stormwater. A backflow prevention valve will be installed where the existing pipe connects to a stormwater structure in the Truist Bank parking lot.

To capture additional stormwater, the project will provide new storm sewers and inlets along E. Raymond Avenue. As part of the project, the City will upgrade the sanitary sewers along East Raymond Avenue and resurface Hume Avenue. Due to the scale of the improvements, utility relocations will be required along Hume Avenue, East Raymond Avenue and Dewitt Avenue throughout the construction.

Prior to the start of construction on the storm and sanitary infrastructure, the City plans to host another public meeting to provide additional project information. Meeting details will be shared with the community once finalized. At the meeting, the City will review the final design and temporary construction impacts previously shared with the community.

To help minimize disruptions, the City has reached an agreement with Truist Bank at 2809 Mt Vernon Avenue to use the banks parking lot during construction, reducing the impact on nearby residents and street parking availability.

Flood Action Alexandria at a Glance

The City is currently working on a number of projects to improve infrastructure, public spaces, and community services. Check the dashboard below for notable project updates.

Project Name	Current Phase	Update
Hume Ave Storm Drain Bypass	Design	Utility relocation work on East Raymond Ave. is nearing completion and will move to Hume Avenue. The City has awarded a contract to a qualified and responsible construction firm.
W. Reed Ave & Dale St Storm Sewer Improvements	Design	Utility relocations of water mains and service laterals on West Reed Avenue have been completed. While the City prepares to advertise its construction solicitations, water and gas mains on Dale Street will be relocated.
Cameron Run Sediment Removal	Construction	In-channel work and sediment removal work continues due to high water marks. Sediment hauling is ongoing. Installation of super sacks and turbidity curtains has begun at several locations.
Commonwealth, Ashby & Glebe Flood Mitigation Project	Construction	Design was completed in July. Utility relocation work is underway.
Nethergate Sewer Improvements	Design	30% design review is complete. Field investigations and utility coordination are nearing completion, with the project advancing toward 60% design in Fall 2026.
Four Mile Run and Hooffs Run Inlet Installation and Enhancement	Design	90% design plans were received and reviewed. Utility conflicts were evaluated, and a decision was made to exclude inlets with complexities from the current phase.
Mt Vernon and Edison Dual Culvert Replacement Project	Design	Temporary construction easement negotiation with affected property owners is ongoing.

Additional information on current projects is available on our Interactive Map Tool.

Capital Projects Map Tool

Top News



The Stormwater Utility Fee Credit Program Prepares to Open its Application Window Starting December 1.

The Stormwater Utility Fee Credit program will accept applications from December 1 – February 15. Property owners can receive a reduction of up to 50% on their Stormwater Utility Fee by installing and maintaining eligible dry floodproofing and stormwater quality practices. Get a start on your application by ensuring your practices are properly maintained and taking clear, high-quality photographs to document them. Explore more than 20 eligible practices and learn how to apply at alexandriava.gov/StormwaterUtility.



Presentation From the September Stormwater Utility and Flood Mitigation Advisory Committee Meeting is Now Available

Staff from the Stormwater Management, Sanitary Infrastructure, and Project Implementation Divisions provided updates on current projects the City is implementing to help prevent flooding and protect local waterways, and planning for the FY 2028 – FY 2037. To view the presentation, visit the City website.



The City's Flood Resilience Plan is Nearing Completion

City staff are currently finalizing the City's Flood Resilience Plan, a vital roadmap to mitigate flooding and build a stronger, more resilient community. A public meeting to kick off the 30-day comment period is on Thursday, November 5, at Charles Houston Recreation Center (901 Wythe St.) and online via Zoom from 7 p.m. - 8:30 p.m.

Learn more about the Flood Resilience Plan and upcoming public meeting on the City website.

Community Maintenance Work

Preventative Maintenance:

- **48** stormwater hot spot areas inspected and maintained
- Ongoing removal of fallen trees from culverts and streams
- Conducted CCTV inspection of **4,007** linear feet of stormwater lines
- Ongoing CCTV inspection and cleaning project in the Four Mile Run Watershed (Area 1)
- Construction began on the Hooffs Run Culvert Phase II project from East Walnut St. to East Oak St.

311 Service Requests:

- Investigated and addressed **60** resident service requests

Best Management Practices:

- Inspected **41** Best Management Practices (BMPs)
- Maintained **28** BMPs per City MS4 permit

Stormwater Inlets:

- Cleaned **32** stormwater inlets and catch basins
- Replaced tops on **55** broken inlets

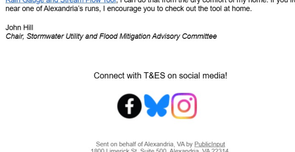
A Letter From the Chair of the Stormwater Utility and Flood Mitigation Advisory Committee

Real-time flooding information at your fingertips!

Small streams flow through almost every neighborhood in Alexandria. In Virginia, we call them "runs", as in Hooff's Run, Taylor Run, Holmes Run, Strawberry Run, and so forth. Whether you call them runs or streams – when Alexandria gets a severe rainstorm, they can overflow their banks and threaten to flood our homes and businesses.

Fortunately, the Flood Action Alexandria Program has installed rain gauges and stream level monitors in all of our major watersheds. Just go to the "Rain Gauge and Stream Flow Tool" on the Flood Action Alexandria website. For most watersheds, that will take you to the gauges that measure the rain fall and water level of the streams in your neighborhood – up to the minute! There are water level gauges on Hooff's Run, Cameron Run, Holmes Run, the Potomac River, and two gauges each on Four Mile Run and Backlick Run. And each watershed has at least one rain gauge so you can see how much rain is falling in the immediate vicinity.

I live in the Hooff's Run watershed and visit the Rain Gauge and Stream Flow Tool every time there is a major rainstorm. Here is the cool graph that the tool prepared for the rainstorm we had on the night of September 3rd, when 1.2 inches of rain fell in less than 20 minutes. That data is from the rain gauge at Four Mile Run. (The rain gauge for the Hooff's Run watershed was offline on September 3rd – but it is back online now.)



The graph shows how quickly water rises in the culvert. In this case, the water level was within a foot from the top of the culvert – but quickly subsided, thanks to the maintenance that the City has performed to keep the culvert clean of debris.

The Rain Gauge and Stream Flow Tool provide vital real-time information to people who live in a flood-prone watershed. For Hooff's Run, as the water level rises close to the top of the culvert, they get advance warning that it's time to block stormwater from entering their basements and low doorways.

In the old days, only three years ago, I would put on my raincoat and trudge down to the Hooff's Run culvert at Linden Street to monitor the water level during a big rainstorm. Thanks to the new Rain Gauge and Stream Flow Tool, I can do that from the dry comfort of my home. If you live near one of Alexandria's runs, I encourage you to check out the tool at home.

John Hill
Chair, Stormwater Utility and Flood Mitigation Advisory Committee

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