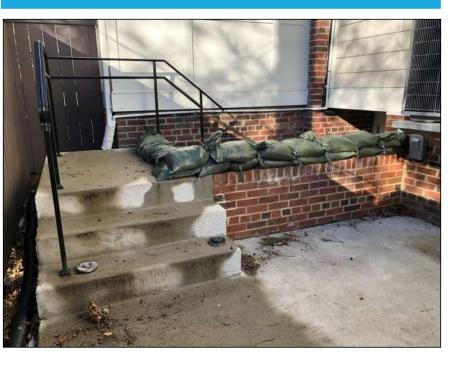


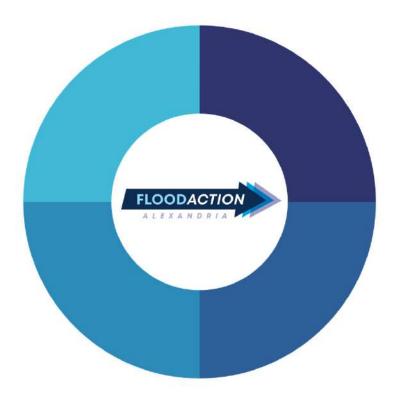
## Agenda



- Background: Flood ActionAlexandria
- Current Program Overview
- Funding
- Eligible Mitigation Practices
- How to Apply
- Things for consideration
- Q&A

# FLOOD ACTION ALEXANDRIA What the City is Doing

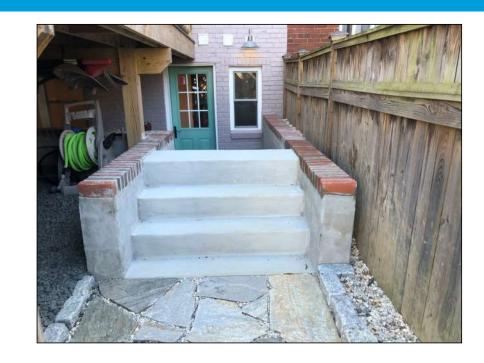
- Large capacity projects (stormwater and sanitary)
- Smaller neighborhood "spot" projects (stormwater)
- Ongoing maintenance of sewer system
- Early warning systems
- Flood Mitigation Pilot Grant Program
- Neighborhood communications and outreach
- Flood Action Alexandria eNewsletter, webpage
- Alex311 reporting
- Ad Hoc Stormwater Utility Task Force Group





# CURRENT PILOT FLOOD MITIGATION PILOT GRANT PROGRAM Objective and Goals

- Financially reimburse homeowners for flood mitigation efforts
- Designed so both the City and homeowners achieve beneficial outcomes:
  - City delivers grant funds to homeowners who made efforts to help mitigate flooding
  - Homeowners are reimbursed for products and/or services that provide a return on their own investments



## CURRENT PILOT FLOOD MITIGATION PILOT GRANT PROGRAM Overview

Provides financial assistance through matching reimbursement grants

During the pilot phase, grants are available to City residents who:

- Own a single family, duplex, townhouse, or condo within the City that experienced flooding dating back to July 8, 2019
- Purchased and/or installed approved flood mitigation and floodproofing measures
- Received the proper permits/approvals
- ✓ Have receipts/documents to prove purchases



## **Funding and Administration**

#### **TOTAL FUNDING AVAILABLE:**

Up to \$767,000 (FY24 allocation)

### **FUNDING MAXIMUM PER APPLICANT:**

Up to \$5,000

### **FUNDING COST SHARE:**

50% City / 50% Homeowner

#### **SOURCE OF FUNDING:**

City Stormwater Utility Fee

#### **PROGRAM ADMINISTRATION:**

City of Alexandria
Transportation & Environmental
Services (T&ES), Stormwater
Management Division



## Flood Grant Application Statistics

- For FY2022 Applications
  - Approved 159 applications
  - Reimbursement total = \$517,242.04
- For FY2023 applications:
  - Approved 80 flood applications
  - Reimbursement total = \$240,262.35

- For FY2024 applications so far:
  - 8 applications currently in for review
  - 1 approved application
    - Reimbursement is \$3,240.00



### Categories include:

- Windows
- Doorways
- ✓ General flood stoppage equipment
- ✓ Basement
- Utility protection
- General preventative / protective equipment
- Exterior

https://www.alexandriava.gov/floodaction/flood-mitigation-grant-program





## City of Alexandria Pilot Flood Mitigation Grant Program APPROVED LIST OF PRACTICES







CITY REVIEW PRACTICE REQUIREMENTS Windows Permanent glass protection can prevent flood damage from glass protection flooding and other extreme weather events. Floodproof Architectural materials or windows or those with glass protection are passive systems. Review that protect from rising flood water and debris impact. Code windows Administration Fixed, translucent, water-tight covers installed on near Board of Install basemen grade or below grade basement windows provide increased Architectural protection against surface flooding. Review Administration Install custom A ground floor or basement window well should have a Board of ground floor central drain that is either connected to an interior or exterior Architectural or basement drain tile system or to a line that runs to a stormwater drain or Review outside the property. Code Installing a new drain requires soil excavation and either Administration reinstalling or replacing the window well liner. Also, for the best protection against flooding, a window well should be custom fit and made of steel-reinforced polycarbonate plastic











## Install permanent doorway flood gate or panel The quickest way for surface flooding to enter a structure is through open doorways.

Install temporary

doorway flood

gate or panel

Permanent doorway flood gates or panels are physical barriers that attach to external doorframe and can be quickly deployed to prevent floodwaters from entering a structure. Permanent floodgates can be an easier and faster alternative to sandbags; however, they require installation and, in most cases, custom fitting.

THOSE ....

Temporary doorway flood gates and panels are similar to the permanent models described above; however, this type of flood gate is only deployed prior to flooding and does not require any pre-installation setup.

Typically, these systems are not custom-made and can be installed in minutes. These systems are usually made of expandable steel tube frames that adjust to various sized doorways and while not completely water tight like permanent structures, they do offer excellent protection.

N/A

Architectural

Administration

Review

Code











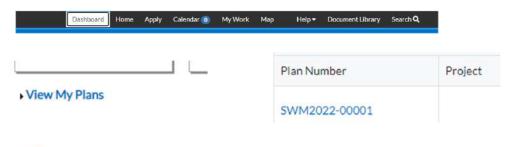






## **How to Apply**

- All flood applications are submitted electronically through the City's online permitting system called APEX.
  - APEX link is here and linked in the Flood Mitigation program webpage:
    - https://apex.alexandriava.gov/EnerGov Prod/SelfService#/home
    - Any issues with APEX contact Felicia Montoney at Felicia. Montoney@alexandriava.gov
- Once you submit the application you can track the status of your application when you log into the system.
  - Go to Dashboard and click on "View my plans" and click on the FLDG plan number.





### Required Documentation/Timeframe

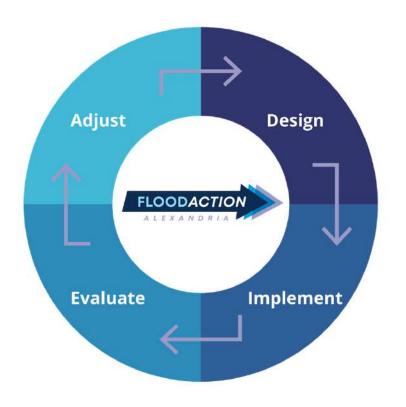
- Required Documentation:
  - Invoices/contracts showing what was completed (Itemized if possible)
  - Work Completed photos
  - Before and after photos
  - Proof of payment:
    - Credit card/bank statements
    - Cancelled checks
    - Zero balance invoice showing how it was paid. – i.e. Credit card – VISA ...1234 by check, Check #1234

- Process Timeframe:
  - Review timeframe: 10 business days per review. If more information is needed, an additional 10 business day review will take place
  - Once approved: 15 business days for the Finance review, process for check
  - 10 business days for check to make it to you via mail
  - Total possible review process is 2-3 months



## **Pilot Program Evaluation & Tracking**

- Adaptive Management Process
- Pilot program is evaluated and tracked over time
- Gathering comments and feedback from community
  - Please email <u>FloodGrant@alexandriava.gov</u>
     with any comments or feedback





# Things we've heard for consideration for the Pilot Program

- Remove requirement to document prior flooding back to July 2019 → Open to all regardless of past flooding
- Consider a grant option for Association Common Areas
- Consider opportunities to support disadvantaged communities and improve floodproofing for low to moderate income properties
- 4. Others?



# THINGS WE'VE HEARD FOR CONSIDERATION Grant Option for Association Common Areas

- 50/50 match up to \$25,000 for the association
- Floodproofing measures for protecting common area primary structures, such as clubhouse, parking garage, pool area, doorways leading to multiple units, flood mitigation practices on shell of building, etc.
- Strongly urged to consult with staff prior to starting work; or applying if work is previously completed.
  - Must be work completed after July 2019



### How to contact us?



https://www.alexandriava.gov/flood-action/flood-mitigation-grant-program

Email feedback at: FloodGrant@alexandriava.gov

