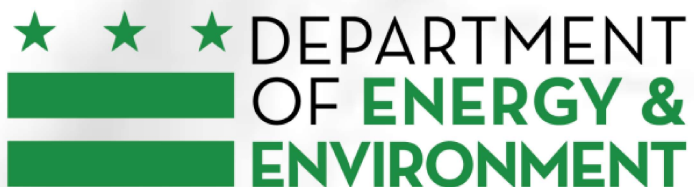


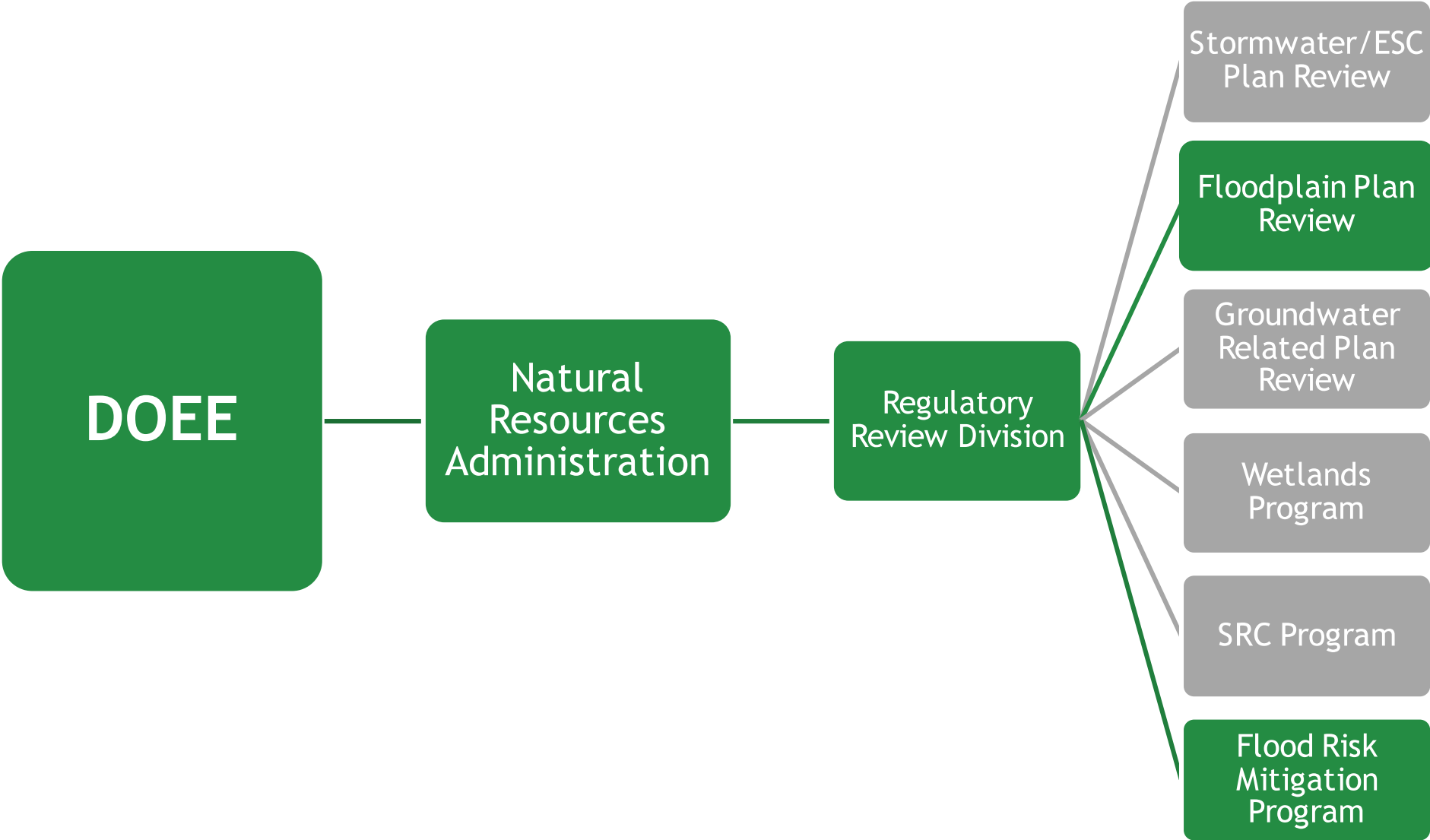
FloodSmart Homes Pre-proposal Conference

RFA #FY23-RRD-799
February 7, 2023



Josh Schnitzlein
Jackie Zidar
Nicholas Bonard
Meredith Upchurch

Flood Risk Mitigation Program at DOEE



DOEE's FloodSmart Homes Roadmap

```
graph LR; A[Resident Agrees to an Assessment] --> B[Perform Resilience Assessment]; B --> C[Install Resilience Upgrades]
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Resident
Agrees to an
Assessment

Perform
Resilience
Assessment

Install
Resilience
Upgrades

DOEE's FloodSmart Homes Roadmap



*DOEE's Job Thru
Outreach*

DOEE's FloodSmart Homes Roadmap



Separate Contract

DOEE's FloodSmart Homes Roadmap



This RFA

Where will the work
occur?

Residential Buildings in Floodplains (#)

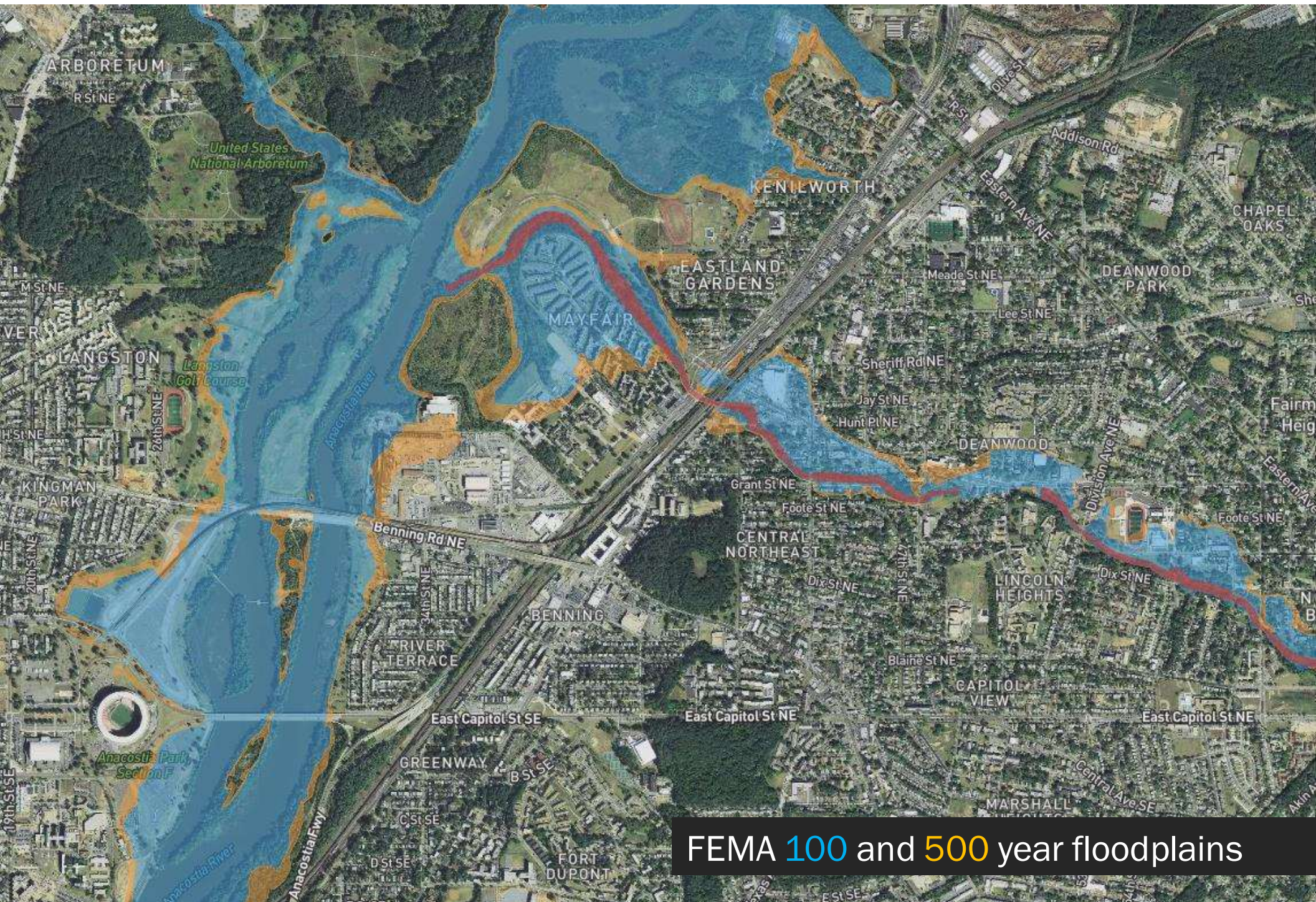
Ward	100-year Floodplain	500-year Floodplain	In Either Floodplain
Ward 1	-	-	-
Ward 2	4	18	22
Ward 3	24	5	29
Ward 4	5	6	11
Ward 5	-	-	-
Ward 6	9	181	190
Ward 7	424	139	563
Ward 8	92	93	185
Total	558	442	1,000

Residential Buildings in Floodplains (Type)

Type of Residential Property	Building Count	% of Total
Multifamily with Five or more Units	126	12.6%
Multifamily with Fewer than Five Units	90	9.0%
Multifamily with Unit Number Not Listed	19	1.9%
Single-Family	721	72.1%
Garage/Miscellaneous	44	4.4%
Total	1,000	100%

98% of single-family homes in 100-year are in Wards 7 & 8

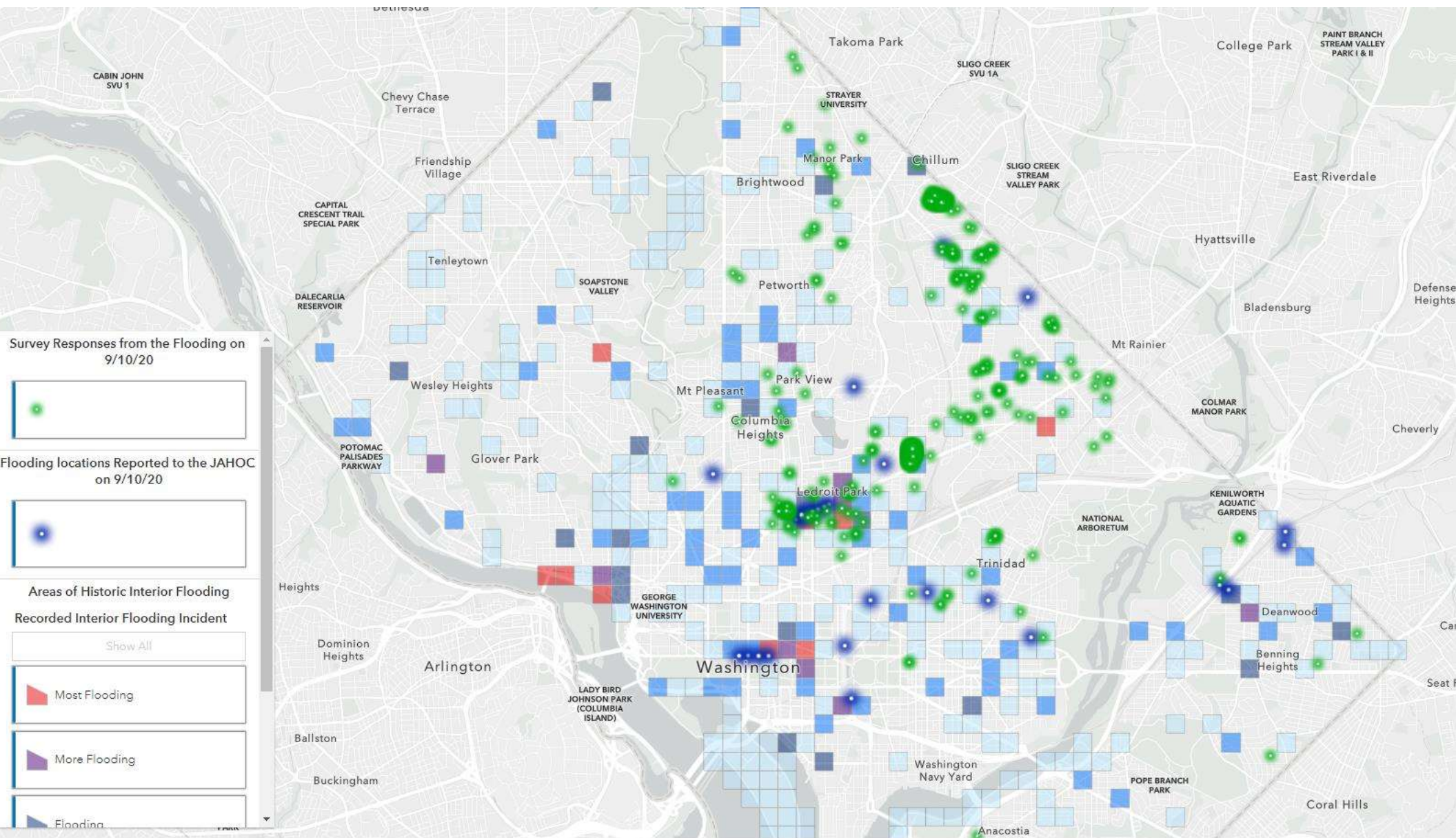
82% of single-family homes in 500-year are in Wards 7 & 8



FEMA 100 and 500 year floodplains



FEMA 100 and 500 year floodplains



And Homes Outside the Floodplain Too

FloodSmart Homes Can Help

- By paying for or subsidizing the cost of flood related improvements, residents can:
 - **Displacement**
 - Stay in their home, preserve generational wealth
 - **Emotional and Health Stress**
 - Have peace of mind and reduced risk
 - **Financial Stress**
 - Reduce the chance of needing repairs and the cost of insurance

What is Required?

Long-Term Resilience Upgrades

Light Utility Upgrades

Anchoring Hot Water Heaters

Replacing all outlets below DFE with GFCI

Sealing HVAC ducts

Deployable flood barriers

Heavy Utility Upgrades

Installing backflow prevention valves

Installing Sump Pumps

Elevating Electrical Equipment

Drainage and Grading

Structural Upgrades

Installing flood vents in crawlspaces

Complete wet floodproofing

Basement fill

Whole-home Elevation

Scope and Requirements – Project Setup

- Develop initial talking points and templates for homeowner meetings
- Develop a tracking and reporting methodology to include designs, cost estimates, progress reports, communication with homeowners
- Develop designs, drawings, and technical work scope for the proposed installation
- Serve as lead in the permit application process
- Hold pre-installation conferences

Scope and Requirements – Project Management

- Act as General Contractor for resilience upgrades
 - Oversee trades work, procurement of materials and supplies, and schedule
 - Ensure work is completed in a timely, cost-effective, high-quality manner
 - QA/QC assessments through the duration of the project to verify high quality installation and compliance with codes & permits
 - Final inspection at completion
- Review subcontractor invoices

Project Scope – Per Home

- Continuous communication with homeowners
- Install high quality long-term resilience upgrades in the homes of District residents
 - And leave them with instructions on maintenance
- Provide expedited short-term flood mitigation measures in emergency situations, such as sandbags

Project Deliverables

- A work plan for long term resilience upgrades and short-term resilience upgrades in emergency situations
- Completed installations
- Detailed financial records and receipts
- Participation in monthly, or as needed, in-person and video meetings and calls
- Electronic copies of data and files
- Quarterly status reports
- A final report

Scoring Criteria

Scoring Criteria	Points
Presents a skilled and customer-oriented approach to working with homeowners.	10
Presents a robust plan for the construction work, from design through installation, for long-term resilience upgrades (Function 1).	15
Presents a robust plan for short-term resilience upgrades in emergency situations (Function 2).	5
Presents clear and achievable timelines.	10
Presents a detailed line-item budget that includes narrative justification for project management and overhead.	15
Presents a plan to procure goods and services that is likely to provide high quality work and materials at a fair price.	10
Demonstrates substantial expertise working with homeowners and ability to provide quality customer service.	5
Demonstrates substantial expertise in planning, designing, cost estimating, installing, and maintaining flood resilience home upgrades.	15
Demonstrates organizational capacity to manage multiple subcontractors and multiple installation jobs at once.	5
Demonstrates a commitment to using locally owned: businesses / small businesses/ minority- and/or woman-owned businesses.	10

Grants (GMS) Specifics

- All applications should be submitted through the DOEE Grants Management System
- The GMS portal can be accessed on the Notice of Funding Availability - DC FloodSmart Homes Resilience Upgrades page
- Training videos for the system are available here:
 - DOEE Homepage --> Resources --> Grants and Funding
- Email grants.doe@dc.gov with any questions regarding GMS applications

Thank you!

Questions?