

Appendix D – 2017 to 2022 Mitigation Actions

The following tables provide the new and updated actions committed to by Prince George's County and the City of Laurel for the 2017 Prince George's County and the City of Laurel Hazard Mitigation Plan. The county's Actions are presented first with the city's following.

Prince George’s County 2017 to 2022 Mitigation Actions

Primary Mitigation Project Type	Action Number	Action Strategy	Lead Office	Priority	Project Type - lead type in boldface						Hazard(s) Addressed	Timeframe	Resources	
					Prevention	Property Protection	Natural Resource Protection	Structural	Emergency Services	Education & Outreach				
Prevention	County - 1	Continue to partner with FEMA/MDE to promote use of Updated Flood Hazard Maps. Updated Mapping will continue to inform Risk Reduction and mitigation of at-Risk Buildings such as repetitive loss structures.	Lead: Department of Environment Support: Maryland-National Capital Park & Planning	High	X	X					X	Riverine Flooding; Coastal Flooding	Ongoing	Staff
Prevention	County - 2	Partner with FEMA/MDE to Update Flood Hazard Mapping; Use Updated Mapping for Risk Reduction. Private Nonprofit Buildings. Search the updated list of flood-prone properties to determine if any are owned by private nonprofit organizations.	Lead: Department of Environment Support: Maryland-National Capital Park & Planning	Medium	X	X						Riverine Flooding; Coastal Flooding	Ongoing	Staff
Prevention	County - 3	Using the revised Flood Maps, check locations of HazMat sites, NPDES sites, and other land uses; if found to be in flood hazard areas, communicate with owner/handler of hazardous materials and known pollutants regarding risk and appropriate response and protection measures.	Fire/EMS Department of Environment Maryland Department of the Environment	High	X					X	X	Riverine Flooding; Coastal Flooding	Ongoing	Staff

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Prevention	County - 4	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Office of Homeland Security - Office of Emergency Management; Department of Environment	Medium	X	X	X		X	X	All Hazards	Ongoing	Staff
Prevention	County - 5	Collect flood depth information to support a grant to provide elevation certificates in areas newly included in Special flood hazard areas to assist residents in obtaining elevation certificates to support LOMAs or reduced risk NFIP premiums.	Department of Emergency Management	High	X	X				X	Flood	ongoing	Staff, grant funding
Property Protection	County - 6	Continue to coordinate the Building Code & Floodplain Ordinance whenever either is updated.	Department of Environment Department of Public Works & Transportation	High	X	X					Riverine Flooding; Coastal Flooding	Ongoing	Staff

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					Prevention	Property Protection	Natural Resource Protection	Structural	Emergency Services	Education & Outreach			
Property Protection	County - 7	Support mitigation projects that will result in protection of public or private property from natural hazards. Eligible projects include but are not limited to: 1. acquisition of floodprone property 2. Elevation of floodprone structures 3. Minor structural flood control projects 4. Relocation of structures from hazard prone areas 5. Retrofitting of existing buildings, facilities and infrastructure 6. Retrofitting of existing buildings and facilities for shelters 7. Critical infrastructure protection measures 8. Stormwater management improvements 9. Advanced warning systems and hazard gauging systems (weather radios, reverse-911, stream gauges, I-flows) 10. Targeted hazard education 11. wastewater and water supply system hardening and mitigation	Office of Homeland Security - Office of Emergency Management; Department of Environment, DPWT	High	X	X	X	X	X	X	All Hazards	Ongoing	Staff

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					Prevention	Property Protection	Natural Resource Protection	Structural	Emergency Services	Education & Outreach			
Property Protection	County - 8	Promote appropriate mitigation measures for hazard-vulnerable priority critical facilities	Office of Emergency Management; Dept of Environment	High		X					All Hazards	Ongoing	Staff, grants, CIP
Property Protection	County - 9	Update Upper Marlboro Emergency Response Plan to address flooding, including evacuation, emergency response, mitigation, etc.	Department of Emergency Management	Medium	X	X	X	X	X	X	Flood	1 -3 years	Staff, county funding
Property Protection	County - 10	Continue annual flood risk awareness and mitigation mailing to all owners of high-risk properties in the SFHA, including RL structures.	Department of Emergency Management	High	X	X				X	Flood	annually	Staff, county funding

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Property Protection	County - 11	Evaluate Options to Address Existing Buildings Subject to Unstable Soils. Identify existing buildings that are located on Marlboro Clays and that are reported to be experiencing or likely to experience foundation damage. Examine and share information about options that may be considered by owners, including foundation stabilization, foundation reconstruction, relocation of buildings, or demolition/acquisition. If determined appropriate, pursue funding to facilitate mitigating future damage.	Department of Environmental Resources	High	X	X	X				Land Movement/ Unsafe Lands	Ongoing	Staff, DOE, CIP

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Natural Resource Protection	County - 12	Continue implementation of Best Management Practices and Low Impact Development practices to meet NPDES water pollution requirements. The County has EPA-listed Total Daily Maximum Load (TMDL) stream segments due to high levels of Nitrogen, Phosphorous, Sediment and Trash which it continues to mitigate.	Department of Emergency Management	High	X		X				X	Flood	ongoing	County funding through Capital Improvement Plan budgeting; grants to local NGOs
Natural Resource Protection	County - 13	Use the M-NCPPC 2016 water quality biological stream assessment studies to prioritize stabilization projects, especially if funding from outside resources is available for mitigation of environmental impacts.	Department of Environmental Resources The Maryland-National Capital Park & Planning Commission - Debbie Tyner	Medium	X		X					Flood	ongoing	Staff; consulting resources

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Structural	County - 14	Anacostia Levee Improvements. Work with the Corps of Engineers to pursue funding to implement the levee improvement work. Four of five levee systems have been FEMA-accredited. Complete accreditation of Arundel Street Levee System. Maintain accreditation through O & M Plan implementation as prescribed by USACE.	Department of Environment Department of Public Works & Transportation	High				X			Riverine Flooding/Levee Failure	1 - 3 years	Staff
Emergency Services	County - 15	Update the flood warning system notification lists used in the Everbrite system with the list of flood-prone properties based on revised flood maps. Distribute general warnings to all County citizens using traditional and social media platforms such as the ORM website, Twitter and Facebook.	Department of Environment Office of Emergency Management	High	X				X	X	Riverine Flooding; Coastal Flooding	Ongoing	Staff, program maintenance costs for Everbrite
Emergency Services	County - 16	Complete disaster recovery plan, family reunification plan.	Office of Emergency Management	High	X				X	X	All Hazards	Ongoing	Staff

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Emergency Services	County - 17	The Department of Family Services Agency on Aging will continue its outreach to seniors about health and safety during periods of extreme heat and extreme cold. Information will be added to the Family Service's web page and frozen meal distribution with supplement provision of hot meals during severe weather periods from January through March.	Department of Family Services	High	X					X	X	Winter Storm	ongoing	Staff, county funding
Emergency Services	County - 18	Continue to Support Regional Drought Response and Planning. Continue the County’s commitment and participation with the MWCOG and WSSC when drought awareness responses are activated.	Department of Environmental Resources Washington Suburban Sanitary Commission	Medium	X					X	X	Drought	ongoing as necessary	Staff, county funding

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Education & Outreach	County - 19	Continue participation in community and neighborhood events to promote hazard awareness and mitigation options.	Office of Emergency Management; Dept of Environment	High	X						X	All Hazards	Ongoing	Staff
Education & Outreach	County - 20	Expand use of Social Media for natural hazard awareness and hazard mitigation messaging.	Office of Emergency Management	High	X						X	All Hazards	Ongoing	Staff
Education & Outreach	County - 21	Work with County municipalities to provide hazard awareness messaging and information on storm preparedness and mitigation for promotion using local newspapers, municipal websites, etc.	Office of Emergency Management	High	X						X	All Hazards	Ongoing	Staff
Education & Outreach	County - 22	Distribute Citizens' Preparedness Guide and Business Preparedness Guides at community events. Upon updating, incorporate new HMP Hazard information ...	Office of Emergency Management	Medium	X						X	All Hazards	Ongoing	Staff

City of Laurel 2017 to 2022 Mitigation Actions

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					Prevention	Property Protection	Natural Resource Protection	Structural	Emergency Services	Education & Outreach			
Prevention	Laurel - 1	Continue to partner with FEMA/MDE to promote use of Updated Flood Hazard Maps. Updated Mapping will continue to inform Risk Reduction and mitigation of at-Risk Buildings such as repetitive loss structures.	Emergency Manager; Department of Economic & Community Development	Medium - High	X						Flood	Ongoing	Staff, MDE
Prevention	Laurel - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Emergency Manager; Department of Economic & Community Development	Medium - High	X				X		All Hazards	Ongoing	Staff
Property Protection	Laurel - 3	Support mitigation projects that will result in protection of public or private property from natural hazards. Eligible projects include but are not limited to: 1. acquisition of floodprone property 2. Elevation of floodprone structures 3. Minor	Emergency Manager; Department of Economic &	Medium - High	X	X	X	X		X	All Hazards	Ongoing	City staff, Consultant, and FEMA HMA grants, Capital Improve

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		structural flood control projects 4. Relocation of structures from hazard prone areas 5. Retrofitting of existing buildings, facilities and infrastructure 6. Retrofitting of existing buildings and facilities for shelters 7. Critical infrastructure protection measures 8. Stormwater management improvements 9. Advanced warning systems and hazard gauging systems (weather radios, reverse-911, stream gauges, I-flows) 10. Targeted hazard education 11. wastewater and water supply system hardening and mitigation	Community Development									nt Budgeting	
Property Protection	Laurel - 4	Seek mitigations solutions for city facilities including: the flood-prone municipal swimming pool; Department of Public Works flood-prone buildings and the City of Laurel Police Department Building. Determine pro-active preventive mitigation actions and seek grant funds for permanent solutions.	Emergency Manager; Department of Economic & Community Development ; Department of Public Works,	High		X					Flood	1 - 5 y	Staff, grant resources, Capital Improvement Plan budgeting

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			Laurel Police Department, Department of Recreation.										
Property Protection	Laurel - 5	After flood events, the City of Laurel will evaluate whether to pursue funding to implement flood mitigation projects.	Prince George's County Department of Environment	High/Medium		X				X	Riverine Flooding; Coastal Flooding	Ongoing	City staff, consultants, FEMA HMA grants
Property Protection	Laurel - 6	Pursue participation in the FEMA Community Rating System to reduce the cost of National Flood Insurance Policy premiums.	Emergency Manager	High	X					X	Riverine Flooding; Coastal Flooding	1 -3 yrs.	City staff, consultant, potential city or state grant funding (MD Department of Environmental Services)

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Emergency Services	Laurel - 7	Continue to support regional drought response and Planning.	Prince George's County Department of Environment Washington Suburban Sanitary Commission Emergency Manager	Medium	X						Drought	Ongoing (as needed)	Staff
Emergency Services	Laurel - 8	Continue to support regional drought response and planning by continuing the City’s commitment and participation with MWCOG and WSSC when drought awareness responses are activated. Examine appropriate water conservation measures for City office buildings.	Prince George's County Department of Environment Washington Suburban Sanitary Commission Emergency Manager	High	X				X	X	Drought	Ongoing (as needed)	Staff

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Emergency Services	Laurel - 9	The new notification procedures must be tested and exercised within the City of Laurel and Prince George’s County to identify any shortfalls or procedures that need to be amended. Expanded floodplain areas must be addressed in relationship to areas effected by a release of water from the dams.	Emergency Manager	High	X			X	X	X	Dam Impoundment Breach; Flood	Ongoing	City staff, Everbrite and budget
Education & Awareness	Laurel - 10	Continue outreach efforts to promote recently completed bilingual Citizens Emergency Preparedness Guide	Emergency Manager, CERT volunteers	High					X	X	All Hazards	Ongoing	Staff, CERT teams
Education & Awareness	Laurel - 11	Work with City closed circuit television network to produce seasonal hazard awareness and topical mitigation programming.	Emergency Manager , Department of Communications	Medium					X	X	All-Hazards	Ongoing	Staff