

June 2022 Final

# Hampton Roads Hazard Mitigation Plan



City of Hampton  
City of Newport News  
City of Poquoson  
City of Williamsburg  
James City County  
York County  
City of Norfolk  
City of Portsmouth  
City of Suffolk

City of Virginia Beach  
City of Chesapeake  
Isle of Wight County  
Town of Smithfield  
Town of Windsor  
City of Franklin  
Southampton County  
Surry County  
Town of Claremont  
Town of Dendron

**AECOM**

NEWPORT NEWS MITIGATION ACTION 16	
Analyze and improve drainage/stormwater system along Stoney Run.	
BACKGROUND INFORMATION	
<b>Site and Location:</b>	Northern portion of the Stoney Run Watershed
<b>Cost Benefit:</b>	Several neighborhoods (Colony Pines, Windsor Great Park, and surrounding areas), totaling approximately 900 acres, within the northern portion of the Stoney Run watershed experience repeated issues frequent flooding during high intensity storm events. Most of the storm system was designed and constructed under a 5-year design storm requirement, and current regulations require storm systems be designed to handle a 10-year storm event. A detailed analysis will determine potential modifications and additions to the stormwater system, including the stormwater management facilities. Funding is included to design and implement identified modifications and additions necessary to improve the drainage system and maintain the efficient conveyance of runoff while meeting regulatory requirements for water quantity and quality.
MITIGATION ACTION DETAILS	
<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise, Tropical/Coastal Storm
<b>Goal(s) Addressed:</b>	Goal 1
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	\$8,500,000
<b>Potential Funding Sources:</b>	Stormwater Fees, Capital Improvement Plan, SLAF, CFPF
<b>Lead Agency/Department Responsible:</b>	Engineering
<b>Implementation Schedule:</b>	Computer Model Analysis 2021, Construction within 5 – 10 years
ADDITIONAL COMMENTS	