

# APPENDIX K – SOUTHAMPTON COUNTY TOWNS AMENDMENT

## PURPOSE

As indicated in Section 2, Planning Process (page 2:14), participation in the overall hazard mitigation planning process for Hampton Roads during 2021 and 2022 by the Towns of Boykins, Branchville, Capron, Courtland, Ivor, Newsoms, in Southampton County was negligible, despite multiple attempts at direct communication with town leadership. In March 2022, FEMA approved the 2022 Hampton Roads Hazard Mitigation Plan for adoption but instructed HRPDC to remove the towns of Southampton County noting insufficient participation in the planning process. Fortunately, FEMA permitted the option to redo the planning process for the towns and include them in the overall regional plan via an amendment that would be subsequently adopted in conjunction with the overall plan by each town. The HRPDC used remaining grant funds to hire a contractor and facilitate this process.

Similar to the overall plan, the general purposes of this 2022 Hampton Roads Hazard Mitigation Plan amendment specifically for Southampton County towns are to:

- protect life and property by reducing the potential for future damages and economic losses that result from natural hazards;
- qualify the towns and the region for additional grant funding, in both the pre-disaster and post-disaster environment;
- speed recovery and redevelopment following future disasters;
- integrate existing mitigation documents;
- demonstrate a firm local commitment to hazard mitigation principles; and
- comply with state and federal legislative requirements tied to local hazard mitigation planning.

## SCOPE

The Hampton Roads Hazard Mitigation Plan is updated and maintained to continually address those natural hazards determined to be of high and moderate risk as defined by the results of the risk assessment (see “Conclusions on Hazard Risk” in Section 5: Vulnerability Assessment). This enables Hampton Roads planning committees to prioritize mitigation actions based on those hazards which present the greatest risk to lives and property.

The planning area for this amendment includes the following communities in Southampton County, which are considered part of the Western Tidewater region of Hampton Roads:

### Western Tidewater:

Town of Boykins  
Town of Branchville  
Town of Capron  
Town of Courtland  
Town of Ivor  
Town of Newsoms

This appendix amends the 2022 Hampton Roads Hazard Mitigation Plan using a format similar to the overall plan subsections to add information specific to the towns’ amended planning effort. This appendix introduces only new information and does not repeat the contents of the overall plan, emphasizing that the Southampton County towns were included in the regional processes of

the past and will continue to be so included in the future. Section 3 Community Profile, Section 4 Hazard Identification and Risk Analysis, Section 5 Vulnerability Analysis, Section 6 Capability Assessment, and Section 8 Plan Maintenance Procedures from the overall plan included the Southampton County towns in 2022 and are not amended herein. This appendix summarizes the amended Planning Process (Section 2 of the overall plan) and the updated Mitigation Strategy (Section 7 of the overall plan).

## THE PLANNING COMMITTEE

As outlined in Section 2, Planning Process, Working Group members were provided the opportunity and invitation to participate in workshops and public meetings, asked for best available data, asked to review and comment on plan elements, and relied upon to ensure successful adoption of the plan in their community. In many cases, the Working Groups for individual communities also met with additional local staff outside of the more official planning process.

**TABLE K.1: SOUTHAMPTON COUNTY HAZARD MITIGATION PLANNING WORKING GROUP MEMBERS**

NAME AND POSITION	COMMUNITY AND AGENCY	EXPERTISE
Nancy Barrett, Mayor	Town of Branchville	Public information
Victoria Edwards, Clerk/Treasurer	Town of Boykins	Public information
Jackie Robertson, Mayor	Town of Boykins	Public information
W. Nick Kitchen, Mayor	Town of Capron	Public information
Vanless D. Worrell, Mayor	Town of Newsoms	Public information
Danny Williams, Mayor	Town of Courtland	Public information
Jaime Power, Clerk	Town of Ivor	Public information
Beth Lewis, Planning Director	Southampton County Planning and Zoning Division	Preventive measures, Natural resource protection, Public information
Noelle Crowley, Project Manager	AECOM	Preventive measures, Property protection, Structural flood control projects
Riana Rich, Emergency Planner	Hampton Roads Planning District Commission	Preventive measures, Emergency services, Public information
Leigh Chapman, Senior Planner	Salter's Creek Consulting, Inc.	Preventive measures, Property protection, Structural flood control projects

## 2023 COMMITTEE MEETINGS

Below is a summary of the key meetings held during the 2023 Southampton County towns amendment and plan update process. Routine discussions and additional meetings were held by local officials to accomplish planning tasks specific to their town. A consultant team (AECOM, partnered with Salter's Creek Consulting, Inc., of Hampton, Virginia) was hired with grant funds to guide the Southampton County towns committee members through the planning process based on hazard information from the main plan, and to assist each community with adoption of the final plan. Committee meeting minutes, attendance sheets, and correspondence with committee members and stakeholders are included at the end of this appendix.

### MARCH 6, 2023: PROJECT KICKOFF MEETING

All committee members from HRPDC, AECOM, Salter's Creek Consulting, and Beth Lewis with Southampton County conferred to determine timeline, communication methods with the towns, collect town representative information and generally strategize on format of this amendment.

The team emphasized the importance of having *all* towns represented at the March planning meeting given that the meeting was to be the primary method of disseminating information and collecting feedback on mitigation actions.

## MARCH 29, 2023: SOUTHAMPTON COUNTY TOWNS AMENDMENT PLANNING MEETING

Participation was strongly encouraged via invitations from HRPDC and Southampton County in order to maintain each community's eligibility for several grant programs, and to update mitigation strategies specific to the town. Invitations emphasized that town representatives could include elected officials, town clerks or other public officials or members of the public. The towns were also welcomed to invite other stakeholders.

The meeting was held Wednesday, March 29, 2023, from 12:30pm to 3:30pm in the Southampton County Planning and Zoning office located at 24283 Cheroenhaka Road, in Courtland. An online option was added to accommodate several attendees. The consultant team briefed the towns on the planning process and the Hazard Identification and Risk Assessment conducted for the region, the capabilities identified, and the various types of mitigation actions they should consider anew. Breakout sessions allowed each town to work with the available consultants to update the mitigation strategies from the 2017 plan. Towns used printed floodplain maps to review flood hazards and discuss flood mitigation specifically.

### INVOLVING THE PUBLIC

Public meetings, the public survey and posted drafts of the overall Hampton Roads plan included outreach to all Southampton County residents, including the towns, in 2021 and 2022. However, the posted draft plan did not include updated mitigation actions for the towns due to their limited representation at meetings and during final plan review. Public input on the specific Southampton County towns updated mitigation actions was sought in early 2023 via the posting of the draft amendment on the HRPDC web site accompanied by outreach from the towns to their citizens requesting input. The towns used a variety of outreach methods, including bulletin boards in town halls, posting in the U.S. Post Office (a common community gathering spot), posting in the library, posting on web sites and social media sites, inclusion in the local water bill, and even handout distribution by hand to each resident using a team specifically for this purpose in Boykins. Evidence of these efforts is included at the end of this appendix. In addition, each community's advertisement and adoption of the amendment through a resolution of adoption at the end of the process was useful in communicating the plan components to residents in attendance.

**TABLE K.2: DATE OF PLAN ADOPTION BY ELECTED OFFICIALS**

SUBREGION	COMMUNITY	DATE OF PLAN ADOPTION
Western Tidewater	Town of Branchville	
	Town of Boykins	
	Town of Capron	
	Town of Courtland	
	Town of Ivor	
	Town of Newsoms	

## MITIGATION ACTION PLAN

The mitigation actions proposed for local adoption are listed in the MAP on the pages that follow. They will be implemented according to the plan maintenance procedures established for the *Hampton Roads Hazard Mitigation Plan* (see Section 8: Plan Maintenance Procedures). The action items have been designed to achieve the mitigation goals and priorities established by the main planning committee and reviewed by the Southampton County towns Working Group.

Each proposed mitigation action has been identified as an effective measure to reduce hazard risk in the towns. Each action is described with available background information such as the location of the project and general cost benefit information.

Other information provided includes data on cost estimates and potential funding sources to implement the action should funding be required (not all proposed actions are contingent upon funding). Most importantly, implementation mechanisms are provided for each action, including the designation of a lead agency or department responsible for carrying the action out, as well as a timeframe for its completion. Proposed actions are not listed in exact priority order though each has been assigned a priority level of “high,” “moderate” or “low” as described in the previous section.

At the end of each action, under “Additional Comments”, there is information showing the status of the action and whether it is new or retained with modifications. Deleted actions from the 2017 plan include:

**Ivor** Action 2 - Establish buffer zones between residential construction and wooded areas in high wildfire risk zones. Deleted; need was reassessed.

**Boykins** Action 1 – Continue to support ongoing North Carolina / Virginia railroad efforts to widen and deepen ditches on both sides of railroad tracks south of Highway 186 to S. Railroad St., then back on Tarrara Swamp. Deleted; complete.

**Boykins** Action 2 – Continue to coordinate with Dominion Power on upgrading all poles, wires, attachments and generators (complete upgrade of services), removing all poles from swamp area and mitigating tree limb damage.

**Branchville** Action 2 - Coordinate with Southampton County regarding expansion of the culvert under the local CSX railroad trestle to minimize future flooding events. – Deleted; complete.

**Table K.3** provides a matrix indicating that each critical and noncritical hazard affecting communities is addressed in the Mitigation Action Plan.

TABLE K.3: MITIGATION ACTIONS FOR CRITICAL AND NON-CRITICAL HAZARDS												
	Flooding	Tropical/Coastal Storm	Sea Level Rise and Land Subsidence	Tornado	Winter Storm	Hazardous Materials Incident	Landslide/Coastal Erosion	Earthquake	Wildfire	Radon Exposure	Flooding Due to Impoundment Failure	Pandemic Flu or Communicable Disease
Town of Branchville	M*	M	M	M	M	M	n/a	M	M	1,2	1,2	1,2
Town of Boykins	M	M	M	M	M	M	M	M	M	M	M	M
Town of Capron	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Town of Courtland	M	M	M	M	M	M	M	M	M	2,4	n/a	2,4
Town of Ivor	M	M	M	M	M	M	2,6	2,6	M	2,6	2,6	2,6
Town of Newsoms	M	1,2	M	1,2	M	1,2	1,2	1,2	1,2	1,2	1,2	1,2

\*M = 3 or more actions address this hazard

# TOWN OF BOYKINS

TOWN OF BOYKINS MITIGATION ACTION 1	
<p><b>Broaden outreach for and increase participation in Reverse 911 citizen notification system for multiple hazards.</b></p>	
<b>BACKGROUND INFORMATION</b>	
<b>Site and Location:</b>	Throughout Town
<b>Benefit Cost:</b>	A coordinated warning system for multiple hazards gives citizens time and opportunity to prepare for an event and to protect life and property.
<b>MITIGATION ACTION DETAILS</b>	
<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	\$5,000
<b>Potential Funding Sources:</b>	DHS: BRIC, HGSP, HMGP, HMGP 5% Initiative
<b>Lead Agency/Department Responsible:</b>	Town of Boykins Mayor's Office
<b>Implementation Schedule:</b>	Within 4 years
<b>ADDITIONAL COMMENTS</b>	
<p>This action could be coordinated with the County.</p>	

**TOWN OF BOYKINS MITIGATION ACTION 2**

Coordinate with Southampton County and the American Red Cross on public education and awareness campaigns to ensure citizens are knowledgeable of protective preparedness and mitigation activities that will lessen the potential impacts of disasters. Include information about the availability and value of flood insurance through the Town's participation in the National Flood Insurance Program (NFIP).

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Throughout Town
<b>Benefit Cost:</b>	Low-cost protection measures help citizens help themselves.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 1, Goal 2, and Goal 3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HGSP, HMGP, HMGP 5% Initiative; American Red Cross; FEMA materials provided at no charge; Virginia CFPF
<b>Lead Agency/Department Responsible:</b>	Town of Boykins
<b>Implementation Schedule:</b>	Continuous

**ADDITIONAL COMMENTS**

Particular life/safety concerns were identified, specifically related to driving on roads that have been or could be flooded and promoting water conservation techniques during widespread power outages. Distribution of information on the value and availability of flood insurance is representative of the Town's Strategy for Continued Participation in the NFIP.

**TOWN OF BOYKINS MITIGATION ACTION 3**

**Acquire floodprone structures and convert land to open space. Other mitigation measures may include elevation, retrofit, mitigation reconstruction projects, or relocation of floodprone structures.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Flood-prone areas throughout town
<b>Benefit Cost:</b>	Additional flood-prone structures targeted for mitigation may be identified after future disasters.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.1, 1.2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	\$50,000 for land; \$8,000 for each demolition
<b>Potential Funding Sources:</b>	DHS: HMGP, BRIC, FMA; Virginia CFPF; USACE: FPMS
<b>Lead Agency/Department Responsible:</b>	Town of Boykins Mayor's Office
<b>Implementation Schedule:</b>	To be determined

**ADDITIONAL COMMENTS**

Substantially complete; however, this action is retained in case additional structures are identified in the future. Several high priority flood-prone homes on Spring Street have been purchased and the land converted to open space.

**TOWN OF BOYKINS MITIGATION ACTION 4**

**Continue distributing town newsletter with information for citizens. Distribution is performed by an 8-man group that distributes flyers, newsletters, and other notices door-to-door.**

**BACKGROUND INFORMATION**

**Site and Location:** Townwide

**Benefit Cost:** In house creation and distribution of information saves taxpayer funds and creates goodwill among citizens and elected officials.

**MITIGATION ACTION DETAILS**

**Hazard(s) Addressed:** All

**Goal(s) Addressed:** Goal 2

**Priority (High, Moderate, Low):** High

**Impact on Socially Vulnerable Populations:** High; all citizens receive information regardless of socioeconomic barriers

**Estimated Cost:** <\$250/newsletter

**Potential Funding Sources:** Existing budgets

**Lead Agency/Department Responsible:** Town of Boykins Mayor's Office

**Implementation Schedule:** Ongoing

**ADDITIONAL COMMENTS**

This is a new action for the plan, but an ongoing activity in the Town.

**TOWN OF BOYKINS MITIGATION ACTION 5**

**Maintain existing town web site for convenient citizen access to emergency information and education materials.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Benefit Cost:</b>	The web site is a cost-effective strategy for disseminating information quickly and broadly.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	Annual maintenance costs
<b>Potential Funding Sources:</b>	Existing budgets
<b>Lead Agency/Department Responsible:</b>	Town of Boykins Mayor's Office
<b>Implementation Schedule:</b>	Ongoing

**ADDITIONAL COMMENTS**

This is a new action for the plan, but an ongoing activity in the Town.

**TOWN OF BOYKINS MITIGATION ACTION 6**

**Host public meeting with NFIP expert to educate citizens on importance of flood insurance. Coordinate with neighboring towns and county for optimal experience.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide. Flood insurance is available throughout the town.
<b>Benefit Cost:</b>	Flood insurance is an extremely beneficial mitigation action and helps reduce the time and cost of flood recovery.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.1, 1.2, 1.5; Goal 2, Objectives 2.1, 2.2; Goal 3, Objective 3.3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	Negligible
<b>Potential Funding Sources:</b>	State CAP-SSSE funds for NFIP Coordinator's Office staff to attend and present
<b>Lead Agency/Department Responsible:</b>	Mayor's Office
<b>Implementation Schedule:</b>	Within the next 4 years

**ADDITIONAL COMMENTS**

This is a new action.

**TOWN OF BOYKINS MITIGATION ACTION 7**

**Work with VDOT to unclog and maintain storm drains to prevent or limit urban flooding.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Flood-prone areas throughout town. Particularly, N Railroad Ave near the Fire Department building, South Railroad Ave at intersection with S Main Street, and the area behind homes on the north side of Deloatche Ave. Inadequate drainage has also created a sinkhole in the area of South Main Street and South Street (also called JW Pope St).
<b>Benefit Cost:</b>	Regular maintenance and cleanout of drainage culverts prevents debris blockages during high water, thus reducing flood risk to nearby structures. Maintenance is low cost when performed regularly.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding
<b>Goal(s) Addressed:</b>	Goal 1, Objective 1.2; Goal 3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	~\$5000/year
<b>Potential Funding Sources:</b>	ARPA; Virginia CFPF; VDOT
<b>Lead Agency/Department Responsible:</b>	Town of Boykins, with VDOT and Southampton County assistance
<b>Implementation Schedule:</b>	Within 5 years

**ADDITIONAL COMMENTS**

This is a new action.

**TOWN OF BOYKINS MITIGATION ACTION 8**

**Use social media and Town's web site to promote public awareness of the Hazard Mitigation Plan and seek public feedback through these media sources.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Benefit Cost:</b>	Social media and web site posts are low cost and reach a large number of people.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	Limited staff time
<b>Potential Funding Sources:</b>	Existing budgets
<b>Lead Agency/Department Responsible:</b>	Mayor's Office
<b>Implementation Schedule:</b>	Within 6 months

**ADDITIONAL COMMENTS**

This is a new action.

# TOWN OF BRANCHVILLE

TOWN OF BRANCHVILLE MITIGATION ACTION 1	
<b>Enhance the community center's ability to serve as an assembly point, distribution and information center during disasters, whether long- or short-term events.</b>	
<b>BACKGROUND INFORMATION</b>	
<b>Site and Location:</b>	Community Center in the Town of Branchville
<b>Benefit Cost:</b>	The center has served as a temporary shelter, but is not equipped to do so safely. Benefits accrue when residents are protected and do not have to be housed in motels.
<b>MITIGATION ACTION DETAILS</b>	
<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.3, 1.4, 1.5
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	\$20,000
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, HMGP 5% Initiative, HSGP; Virginia CFPF; ARPA funds
<b>Lead Agency/Department Responsible:</b>	Town of Branchville; Southampton County
<b>Implementation Schedule:</b>	Within 2 years
<b>ADDITIONAL COMMENTS</b>	
The Community Center has served as a short-term staging area for distributing donated goods and foods to disaster victims during Hurricane Isabel in 2003, a 2002 HAZMAT incident, an ice storm in 2000, and Hurricane Floyd in 1999. However, this building is not equipped with a big enough kitchen, stockpiled foods, blankets and beds to accommodate evacuees or displaced residents at times when Branchville becomes isolated. Beds are particularly important for preparedness.	
The town has installed a generator recently at the community center.	
This strategy is retained with modifications; progress made with generator, but more work is needed.	

**TOWN OF BRANCHVILLE MITIGATION ACTION 2**

**Coordinate with Southampton County and the American Red Cross on extensive public education and awareness campaigns to ensure citizens are knowledgeable of protective preparedness and mitigation activities that will lessen the potential impacts of disasters. Include information about the availability and value of flood insurance through the Town's participation in the National Flood Insurance Program (NFIP).**

**BACKGROUND INFORMATION**

**Site and Location:** Throughout Town

**Benefit Cost:** Low-cost protection measures help citizens help themselves.

**MITIGATION ACTION DETAILS**

**Hazard(s) Addressed:** All

**Goal(s) Addressed:** Goal 1, Goal 2, and Goal 3

**Priority (High, Moderate, Low):** High

**Impact on Socially Vulnerable Populations:** Moderate

**Estimated Cost:** To be determined

**Potential Funding Sources:** DHS: BRIC, HGSP, HMGP, HMGP 5% Initiative; American Red Cross; FEMA materials provided at no charge; Virginia CFPF

**Lead Agency/Department Responsible:** Town of Branchville

**Implementation Schedule:** Continuous

**ADDITIONAL COMMENTS**

Particular life/safety concerns were identified, specifically related to driving on roads that have been or could be flooded and promoting water conservation techniques during widespread power outages. Distribution of information on the value and availability of flood insurance is representative of the Town's Strategy for Continued Participation in the NFIP.

Distribution of information on the value and availability of flood insurance is considered a strategy for continued participation in the NFIP.

This action is retained from the 2017 plan.

**TOWN OF BRANCHVILLE MITIGATION ACTION 3**

**Educate town residents what can be expected following major disaster events and how to be prepared to be on their own for at least 72 hours before outside help arrives.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Town of Branchville and surrounding communities
<b>Benefit Cost:</b>	In both Hurricane Isabel, 2003, and Hurricane Floyd, 1999, Branchville residents would have benefitted from better knowledge about how to prepare.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Tropical/Coastal Storm, Tornado, Winter Storm, Earthquake, Wildfire, Drought, Extreme Heat, Hazardous Materials Incident
<b>Goal(s) Addressed:</b>	Goal 2, Objective 2.1
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	Staff time
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town of Branchville
<b>Implementation Schedule:</b>	Continuous

**ADDITIONAL COMMENTS**

Fire Department personnel will stay at the firehouse to give help and instructions; they track weather and notify residents.

This action is retained with modifications.

**TOWN OF BRANCHVILLE MITIGATION ACTION 4**

**Request, gather and assist in distribution of information regarding regional evacuation plans in Virginia and North Carolina.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Town of Branchville and surrounding communities
<b>Benefit Cost:</b>	Branchville resources are limited, and the community is unable to house evacuees from outside the immediate area.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Tropical/Coastal Storm, Flooding, Winter Storm, Wildfire, Hazardous Materials Incident
<b>Goal(s) Addressed:</b>	Goal 2; Goal 3, Objective 3.1, 3.4
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	Staff time; and limited copying costs
<b>Potential Funding Sources:</b>	VDEM, NC Division of Emergency Management, Virginia Department of Transportation
<b>Lead Agency/Department Responsible:</b>	Town of Branchville; Southampton County; HRPDC
<b>Implementation Schedule:</b>	Within 5 years

**ADDITIONAL COMMENTS**

During Hurricanes Isabel and Floyd, many evacuees from North Carolina ended up in Branchville for food, lodging and other needs. However, the Town was isolated from other major cities and lacked resources to accommodate evacuees. It is necessary to distribute information regionally on recognized evacuation routes to better guide evacuees from North Carolina, and to stockpile maps and road signs and other information about official emergency shelters.

**TOWN OF BRANCHVILLE MITIGATION ACTION 5**

**Prepare structure-specific plan to protect repetitively flooded structures from flood damage. Actions could include floodproofing retrofits, elevation of structure and/or critical components, acquisition and then demolition, relocation or repurposing of structure(s). This action includes Mitigation Reconstruction projects.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Average annual flood damages would be reduced through mitigation actions.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Winter Storm
<b>Goal(s) Addressed:</b>	Goal 1, Objective 1.1, 1.2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, FMA, RFC; HSGP; Virginia CFPF
<b>Lead Agency/Department Responsible:</b>	Town Office
<b>Implementation Schedule:</b>	Ongoing

**ADDITIONAL COMMENTS**

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**TOWN OF BRANCHVILLE MITIGATION ACTION 6**

**Install additional fire hydrants in industrial area just west of town. Facilities hold fertilizers, liquid fuel, asphalt, propane and other hazardous materials and there are no hydrants.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Immediately west of town boundary along Rte 186, in the area behind the peanut store.
<b>Cost Benefit:</b>	Hydrants mitigate hazardous materials incidents that could impact the broader region surrounding the town.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Hazardous Materials Incident
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.2, 1.3, 1.5
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	ARPA; DHS: HMGP
<b>Lead Agency/Department Responsible:</b>	Mayor's Office, with Southampton County
<b>Implementation Schedule:</b>	Within 1 year

**ADDITIONAL COMMENTS**

Although the facilities in question are outside town boundaries, hazardous material releases or fires could impact town residents.

This is a new action.

## TOWN OF BRANCHVILLE MITIGATION ACTION 7

**Request railroads notify Branchville Fire Department when trains will unload at industrial area just west of town. Stopped trains regularly block Fire Department access to the industrial area, increasing the fire hazard on that side of town. With prior notification, Branchville Fire Department can make alternative arrangements perhaps with the County Fire Department.**

### **BACKGROUND INFORMATION**

<b>Site and Location:</b>	Access across the tracks at Main Street is problematic, but the limited access affects the north end of town when Main Street is blocked.
<b>Cost Benefit:</b>	Fires of any cause require immediate Fire Department response. Alternative arrangements are to be determined.

### **MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Hazardous Materials Incident, Wildfire and other fires
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.2, 1.3, 1.5
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	ARPA; DHS
<b>Lead Agency/Department Responsible:</b>	Mayor's Office, with Southampton County
<b>Implementation Schedule:</b>	Immediately

### **ADDITIONAL COMMENTS**

As indicated in Branchville Action 6, there are also no fire hydrants in the industrial area.

This is a new action.

# TOWN OF CAPRON

TOWN OF CAPRON MITIGATION ACTION 1	
<b>Broaden outreach for and increase participation in Reverse 911 citizen notification system for multiple hazards.</b>	
<b>BACKGROUND INFORMATION</b>	
<b>Site and Location:</b>	Throughout the town
<b>Benefit Cost:</b>	A coordinated warning system for multiple hazards gives citizens time and opportunity to prepare for an event and to protect life and property.
<b>MITIGATION ACTION DETAILS</b>	
<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	\$5,000
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP; Virginia CFPF; ARPA
<b>Lead Agency/Department Responsible:</b>	Town of Capron Mayor's Office
<b>Implementation Schedule:</b>	Within 4 years
<b>ADDITIONAL COMMENTS</b>	
Previous Capron Mitigation Action 1 (2017) was deleted because it was not accomplished due to budget restraints. This action arose from the previous action but is more targeted and can be achieved using existing resources. However, several funding sources are listed in the event grant funding would broaden the audience or allow partnerships with other towns or the county.	
This action could be coordinated with the County.	

**TOWN OF CAPRON MITIGATION ACTION 2**

**Confirm status of Capron Elementary School as an emergency shelter. Take additional related actions, as needed. If school is a shelter, educate citizens. If it is not a shelter, find out why and locate nearest shelters. Inform citizens.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Capron Elementary School, 18414 Southampton Parkway, Capron (not in 100-year FEMA-designated floodplain)
<b>Benefit Cost:</b>	This type of information-gathering has no associated costs beyond staff time.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 1, Objective 1.4; Goal 2
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	Staff time
<b>Potential Funding Sources:</b>	n/a
<b>Lead Agency/Department Responsible:</b>	Town of Capron Mayor's Office
<b>Implementation Schedule:</b>	Within 6 months

**ADDITIONAL COMMENTS**

This is a new action.

# TOWN OF COURTLAND

TOWN OF COURTLAND MITIGATION ACTION 1	
<b>Continue to implement stormwater drainage projects.</b>	
<b>BACKGROUND INFORMATION</b>	
<b>Site and Location:</b>	Throughout Courtland
<b>Benefit Cost:</b>	There have been multiple precipitation events, with excess stormwater causing damage to buildings, cars, cemetery plots and trees.
<b>MITIGATION ACTION DETAILS</b>	
<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Landslide/Coastal Erosion
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.1, 1.2, 1.3, 1.4, 1.5
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	Project dependent
<b>Potential Funding Sources:</b>	DHS: HMGP; Virginia CFPF; ARPA
<b>Lead Agency/Department Responsible:</b>	Town of Courtland
<b>Implementation Schedule:</b>	Ongoing
<b>ADDITIONAL COMMENTS</b>	
Progress has been made since 2012, but additional measures may be called for in the future, including use of an existing pond for drainage retention. VDOT has cleared lines, and regular maintenance and inspection is part of keeping the stormwater system operating well.	
This action is retained from the 2017 plan.	

**TOWN OF COURTLAND MITIGATION ACTION 2**

**Broaden outreach for and increase participation in Reverse 911 citizen notification system for multiple hazards.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Throughout town
<b>Benefit Cost:</b>	A coordinated warning system for multiple hazards gives citizens time and opportunity to prepare for an event and to protect life and property.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 2
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	\$5,000
<b>Potential Funding Sources:</b>	DHS: BRIC, HGSP, HMGP, HMGP 5% Initiative
<b>Lead Agency/Department Responsible:</b>	Town of Courtland; Southampton County
<b>Implementation Schedule:</b>	Ongoing

**ADDITIONAL COMMENTS**

The Town is tied into the County's Reverse 911 system, but additional action is necessary to increase citizen activation.

This action is retained with minor modifications from the 2017 plan; progress has been made, but additional outreach should continue.

**TOWN OF COURTLAND MITIGATION ACTION 3**

**Evaluate and retrofit Courtland Elementary School and other private schools to serve as a public shelter.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Courtland Elementary School and other private schools in the town.
<b>Benefit Cost:</b>	Additional public shelter would benefit evacuees in the region.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Tropical/Coastal Storm, Tornado, Winter Storm, Earthquake, Wildfire, Drought, Extreme Heat, Hazardous Materials Incident
<b>Goal(s) Addressed:</b>	Goal 1, Objective 1.2, 1.3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HGSP, HMGP, HMGP 5% Initiative
<b>Lead Agency/Department Responsible:</b>	Town of Courtland and the American Red Cross
<b>Implementation Schedule:</b>	Within 2 years

**ADDITIONAL COMMENTS**

This action is retained with minor modifications. Some retrofits have been made, but the elementary school has not yet been designated as an official shelter. Shelter requirements are changing, though, and limited designation for certain needs requires further examination.

**TOWN OF COURTLAND MITIGATION ACTION 4**

**Coordinate with Southampton County and the American Red Cross on extensive public education and awareness campaigns to ensure citizens are knowledgeable of protective preparedness and mitigation activities that will lessen the potential impacts of disasters. Include information about the availability and value of flood insurance through the Town's participation in the National Flood Insurance Program (NFIP).**

**BACKGROUND INFORMATION**

**Site and Location:** Throughout Town

**Benefit Cost:** Low-cost protection measures help citizens help themselves.

**MITIGATION ACTION DETAILS**

**Hazard(s) Addressed:** All

**Goal(s) Addressed:** Goal 1, Goal 2, and Goal 3

**Priority (High, Moderate, Low):** High

**Impact on Socially Vulnerable Populations:** Moderate

**Estimated Cost:** To be determined

**Potential Funding Sources:** DHS: BRIC, HGSP, HMGP; American Red Cross; FEMA materials provided at no charge

**Lead Agency/Department Responsible:** Town of Courtland, Southampton County

**Implementation Schedule:** Continuous

**ADDITIONAL COMMENTS**

Particular life/safety concerns were identified related to driving on roads that have been or could be flooded and promoting water conservation techniques during widespread power outages. Distribution of information on the value and availability of flood insurance is representative of the Town's Strategy for Continued Participation in the NFIP.

This action is retained from the 2017 plan.

**TOWN OF COURTLAND MITIGATION ACTION 5**

Prepare structure-specific plan to protect repetitively flooded structures from flood damage. Actions could include floodproofing retrofits, elevation of structure and/or critical components, acquisition and then demolition, relocation or repurposing of structure(s). This action includes Mitigation Reconstruction projects.

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Average annual flood damages would be reduced through mitigation actions.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Winter Storm
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.1, 1.2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, FMA, RFC; HSGP; Virginia CFPF
<b>Lead Agency/Department Responsible:</b>	Town Office
<b>Implementation Schedule:</b>	Ongoing

**ADDITIONAL COMMENTS**

Town officials noted that there are no flood-prone town-owned structures of concern.

This action is retained from the 2017 plan.

**TOWN OF COURTLAND MITIGATION ACTION 6**

**Underground power lines.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Underground power lines are less vulnerable to impacts of various hazards; however, the cost can be significant.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Winter Storm
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.2, 1.4, 1.5
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP
<b>Lead Agency/Department Responsible:</b>	Town Office
<b>Implementation Schedule:</b>	Continuous over 10-year period

**ADDITIONAL COMMENTS**

This is a new action.

**TOWN OF COURTLAND MITIGATION ACTION 7**

**Collect existing or obtain new Elevation Certificates for flood-prone structures throughout the Town.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Elevation Certificates allow more careful calculation of flood risk, allowing the Town to better focus mitigation efforts and dollars on the highest risk structures.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Winter Storm
<b>Goal(s) Addressed:</b>	Goal 3
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined based on number of existing ECs available; cost to survey a new EC is approximately \$500-\$700
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, FMA, RFC; HSGP; Virginia CFPF
<b>Lead Agency/Department Responsible:</b>	Town Office
<b>Implementation Schedule:</b>	Within 3 years

**ADDITIONAL COMMENTS**

Elevation Certificates can be share with HRPDC for use in future mitigation planning for the region.  
This is a new action.

# TOWN OF IVOR

## TOWN OF IVOR MITIGATION ACTION 1

**Conduct a public awareness campaign on burning laws in order to reduce the number of occurrences of wildfires.**

### BACKGROUND INFORMATION

<b>Site and Location:</b>	Ivor and surrounding areas identified as high risk for wildfire.
<b>Benefit Cost:</b>	Laws are designed to prevent high risk burning by property owners, so knowledge of those laws is critical to preventing wildfire. Benefits accrue through reduced wildfire damages.

### MITIGATION ACTION DETAILS

<b>Hazard(s) Addressed:</b>	Wildfire
<b>Goal(s) Addressed:</b>	Goal 2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	\$5,000 per year
<b>Potential Funding Sources:</b>	Virginia Department of Forestry (VDOF); DHS: HMGP 5% Initiative; ARPA
<b>Lead Agency/Department Responsible:</b>	Town, in coordination with VDOF
<b>Implementation Schedule:</b>	Annually, prior to and during burning season

### ADDITIONAL COMMENTS

Work with VDOF to establish a more aggressive public awareness campaign to inform citizens of the burning laws and the consequences of breaking these laws.

This action is retained with modifications from the 2017 plan.

**TOWN OF IVOR MITIGATION ACTION 2**

Coordinate with Southampton County and the American Red Cross on public education and awareness campaigns to ensure citizens are knowledgeable of protective preparedness and mitigation activities that will lessen the potential impacts of disasters. Include information about the availability and value of flood insurance through the Town's participation in the National Flood Insurance Program (NFIP).

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Throughout Town
<b>Benefit Cost:</b>	Hurricane Isabel, 2003 Hurricane Floyd, 1999 Multiple winter storms, severe thunderstorms and hazardous material events have pointed to the need for additional citizen education.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 1, Goal 2, and Goal 3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP; American Red Cross; ARPA; FEMA materials provided at no charge
<b>Lead Agency/Department Responsible:</b>	Town of Ivor, Southampton County
<b>Implementation Schedule:</b>	Continuous

**ADDITIONAL COMMENTS**

Particular life/safety concerns were identified related to driving on roads that have been or could be flooded and promoting water conservation techniques during widespread power outages. Distribution of information on the value and availability of flood insurance is representative of the Town's Strategy for Continued Participation in the NFIP.

This action is retained from the 2017 plan with minor modifications.

**TOWN OF IVOR MITIGATION ACTION 3**

**Prepare structure specific plan to protect repetitively flooded structures from flood damage. Actions could include floodproofing retrofits, elevation of structure and/or critical components, acquisition and then demolition, relocation or repurposing of structure(s). This action includes Mitigation Reconstruction projects and addressing citizen evacuation.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Average annual flood damages would be reduced through mitigation actions.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Winter storm
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.1, 1.2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, FMA, RFC; Virginia CFPF
<b>Lead Agency/Department Responsible:</b>	Town Office
<b>Implementation Schedule:</b>	Ongoing

**ADDITIONAL COMMENTS**

This action is retained from the 2017 plan with minor modifications.

**TOWN OF IVOR MITIGATION ACTION 4**

**Develop a response plan for railroad or other business incidents involving hazardous materials. Include strategies to broaden county's Reverse 911 system enrollment to help notify citizens of incidents.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Prepare the public for action in the event of a hazardous materials incident, thereby protecting life and safety. Costs of planning are minimal.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Hazardous Materials Incident
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.2, 1.3, 1.5; Goal 3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	High
<b>Estimated Cost:</b>	<\$7500
<b>Potential Funding Sources:</b>	ARPA; DHS: BRIC, HMGP
<b>Lead Agency/Department Responsible:</b>	Ivor Volunteer Fire & Rescue with Norfolk Southern, Southampton County Sheriff's Office, VDOT
<b>Implementation Schedule:</b>	Within 3 years

**ADDITIONAL COMMENTS**

This is a new action.

**TOWN OF IVOR MITIGATION ACTION 5**

**Trim trees in public rights of way to help prevent power outages during tropical storms and other inclement weather incidents.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Throughout Town rights of way
<b>Cost Benefit:</b>	Tree trimming is relatively inexpensive but can reduce the impact of power outages due to downed trees or limbs. With reduced length and number of power outages, damages from severe weather incidents are reduced.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Tropical/Coastal Storm, Tornado, Winter Storm, Wildfire
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.2, 1.3, 1.4, 1.5
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	~\$5000 annually
<b>Potential Funding Sources:</b>	ARPA; DHS; HMGP; VDOF
<b>Lead Agency/Department Responsible:</b>	Town administration with Dominion Energy
<b>Implementation Schedule:</b>	Continuously

**ADDITIONAL COMMENTS**

This is a new action.

**TOWN OF IVOR MITIGATION ACTION 6**

**Investigate feasibility of Ivor Municipal Building serving as a short-term shelter for Town of Ivor citizens.**

**BACKGROUND INFORMATION**

**Site and Location:** Ivor Municipal Building, 8430 Bell Avenue, Ivor

**Cost Benefit:** Existing local buildings that can function as shelters in certain situations reduce the need for transport citizens without cars to farther shelters and reduce costs of building new structures.

**MITIGATION ACTION DETAILS**

**Hazard(s) Addressed:** All

**Goal(s) Addressed:** Goal 1

**Priority (High, Moderate, Low):** Moderate

**Impact on Socially Vulnerable Populations:** High

**Estimated Cost:** To be determined if modifications are needed

**Potential Funding Sources:** To be determined if modifications are needed

**Lead Agency/Department Responsible:** Town administration, with VDEM assistance

**Implementation Schedule:** Within 3 years

**ADDITIONAL COMMENTS**

This is a new action.

# TOWN OF NEWSOMS

TOWN OF NEWSOMS MITIGATION ACTION 1	
<p>Coordinate with Southampton County and the American Red Cross on extensive public education and awareness campaigns to ensure citizens are knowledgeable of protective preparedness and mitigation activities that will lessen the potential impacts of disasters.</p>	
<b>BACKGROUND INFORMATION</b>	
<b>Site and Location:</b>	Throughout Town
<b>Benefit Cost:</b>	Low-cost protection measures help citizens help themselves.
<b>MITIGATION ACTION DETAILS</b>	
<b>Hazard(s) Addressed:</b>	All
<b>Goal(s) Addressed:</b>	Goal 1, Goal 2, and Goal 3
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, HMGP 5% Initiative; American Red Cross; ARPA; FEMA materials provided at no charge
<b>Lead Agency/Department Responsible:</b>	Town of Newsoms, Southampton County
<b>Implementation Schedule:</b>	Continuous
<b>ADDITIONAL COMMENTS</b>	
<p>Particular life/safety concerns were identified related to driving on roads that have been or could be flooded and promoting water conservation techniques during widespread power outages.</p>	
<p>This action was in the 2017 plan and is retained because the town would like to continue to work toward accomplishing all or part of this action.</p>	

**TOWN OF NEWSOMS MITIGATION ACTION 2**

**Broaden outreach for and increase participation in Reverse 911 citizen notification system for multiple hazards.**

**BACKGROUND INFORMATION**

**Site and Location:** Throughout Town

**Benefit Cost:** A coordinated warning system for multiple hazards gives citizens time and opportunity to prepare for an event and to protect life and property. The existing siren system has limited capability and must be triggered from Courtland.

**MITIGATION ACTION DETAILS**

**Hazard(s) Addressed:** All

**Goal(s) Addressed:** Goal 2

**Priority (High, Moderate, Low):** High

**Impact on Socially Vulnerable Populations:** Moderate

**Estimated Cost:** \$5,000

**Potential Funding Sources:** DHS: BRIC, HMGP; ARPA; Virginia CFPF

**Lead Agency/Department Responsible:** Town of Newsoms, Southampton County

**Implementation Schedule:** Within 3 years

**ADDITIONAL COMMENTS**

This action has been coordinated with the County; however additional action is required to increase citizen participation in the County's Reverse 911 system.

This action was in the 2017 plan and is retained because the town would like to continue to work toward accomplishing all or part of this action.

**TOWN OF NEWSOMS MITIGATION ACTION 3**

**Implement projects to improve drainage as identified in Town's 2011 stormwater study. Finalize existing grant details and administer funds in partnership with Southampton County. Request grant administrators assign property liaisons.**

**BACKGROUND INFORMATION**

**Site and Location:** Throughout Town

**Benefit Cost:** An ongoing study will provide additional details regarding design storms, project costs and priorities.

**MITIGATION ACTION DETAILS**

**Hazard(s) Addressed:** Flooding

**Goal(s) Addressed:** Goal 1, Objectives 1.2, 1.3

**Priority (High, Moderate, Low):** High

**Impact on Socially Vulnerable Populations:** Moderate

**Estimated Cost:** \$1.3 million grant obtained; does not include drainage structures on private property so additional funding may be needed in the future

**Potential Funding Sources:** DHS: BRIC, HGSP, HMGP, Virginia CFPF

**Lead Agency/Department Responsible:** Town of Newsoms

**Implementation Schedule:** Within 10 years

**ADDITIONAL COMMENTS**

This action is retained with modifications from the 2017 plan. Significant progress made with grant acquisition, but additional time needed to administer funds and successfully mitigate drainage issues.

**TOWN OF NEWSOMS MITIGATION ACTION 4**

**Coordinate with the Virginia Department of Conservation and Recreation to resolve questions related to the Town's participation in the National Flood Insurance Program (NFIP).**

**BACKGROUND INFORMATION**

**Site and Location:** Throughout Town

**Benefit Cost:** Citizens have expressed interest in purchasing flood insurance in areas not mapped as Special Flood Hazard Areas on the FIRM.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence
<b>Goal(s) Addressed:</b>	Goal 1
<b>Priority (High, Moderate, Low):</b>	High
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	None
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town of Newsoms with assistance from HRPDC and Virginia DCR
<b>Implementation Schedule:</b>	Within 1 year

**ADDITIONAL COMMENTS**

Town officials believe that a resolution and an ordinance were passed in 2000 to gain acceptance into the NFIP; however, State officials and NFIP records do not show Newsoms as a participating jurisdiction.

This action was in the 2017 plan and is retained because the town would like to continue to work toward full participation in the NFIP. Consultants provided name and contact information for NFIP State Coordinator who can assist with resolving these contradictions.

**TOWN OF NEWSOMS MITIGATION ACTION 5**

**Prepare structure-specific plan to protect repetitively flooded structures from flood damage. Actions could include joining NFIP, floodproofing retrofits, elevation of structure and/or critical components, acquisition and then demolition, relocation or repurposing of structure(s). This action includes Mitigation Reconstruction projects.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	Townwide
<b>Cost Benefit:</b>	Average annual flood damages would be reduced through mitigation actions.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence, Winter Storm
<b>Goal(s) Addressed:</b>	Goal 1, Objectives 1.1, 1.2
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	DHS: BRIC, HMGP, FMA, RFC; HSGP Note: these funding sources are not available until the Town joins the NFIP; Virginia CFPF
<b>Lead Agency/Department Responsible:</b>	Town Office
<b>Implementation Schedule:</b>	Ongoing

**ADDITIONAL COMMENTS**

This action was in the 2017 plan and is retained because the town would like to continue to work toward accomplishing all or part of this action.

**TOWN OF NEWSOMS MITIGATION ACTION 6**

**Use resources and knowledgeable staff at HRPDC to coordinate with CSX railroad to address maintenance needs of culverts in order to reduce stormwater flooding.**

**BACKGROUND INFORMATION**

<b>Site and Location:</b>	The railroad bisects the town, running east west. There is no FEMA-mapped 100-year floodplain in this area.
<b>Cost Benefit:</b>	Average annual flood damages would be reduced through mitigation actions.

**MITIGATION ACTION DETAILS**

<b>Hazard(s) Addressed:</b>	Flooding, Sea Level Rise and Land Subsidence
<b>Goal(s) Addressed:</b>	Goal 1; Goal 3
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Impact on Socially Vulnerable Populations:</b>	Moderate
<b>Estimated Cost:</b>	To be determined
<b>Potential Funding Sources:</b>	Virginia CFPF; ARPA
<b>Lead Agency/Department Responsible:</b>	Mayor's Office with HRPDC and CSX
<b>Implementation Schedule:</b>	Within 5 years

**ADDITIONAL COMMENTS**

This is a new action.

## SUPPORTING DOCUMENTATION

### Meeting Minutes

#### MARCH 6, 2023: PROJECT KICKOFF MEETING

**Teleconference Attendees:** Leigh Chapman, Salters Creek; Noelle Slater, AECOM; Riana Rich, HRPDC; John Sadler, HRPDC; Ben McFarlane, HRPDC; Beth Lewis, Planning Director for Southampton County

Agenda Items: project timeline and potential dates for planning meeting, communication methods with the towns (1 letter already sent; Riana has spoken with mayors; Beth will contact next to schedule planning meeting), collecting town representative contact information, format of the amendment, and adoption of the amendment at conclusion.

#### MARCH 29, 2023: SOUTHAMPTON COUNTY TOWNS AMENDMENT PLANNING MEETING

**March 29, 2023, 12:30 – 3:30**

**Attendees (in person):** Leigh Chapman, Salters Creek; Noelle Slater, AECOM; Riana Rich, HRPDC; Nancy Barrett, Mayor, Town of Branchville; Victoria Edwards, Clerk, Town of Boykins; Jackie Robertson, Mayor, Town of Boykins; W. Nick Kitchen, Mayor, Town of Capron; Vanless Worrell, Mayor, Town of Newsoms; Danny Williams, Mayor, Town of Courtland; Jaime Power, Clerk, Town of Ivor; Beth Lewis, Planning Director for Southampton County

1. Introductions – The meeting started with introductions of all attendees, why we were having this meeting and the importance of maintaining grant eligibility.
  - a. 2022 Hampton Roads Hazard Mitigation Plan – 25 communities
  - b. FEMA asked for an amendment to include Southampton County Towns
  - c. Planning process – organizing resources, assessing risk, develop the plan and adopt, implement and maintain the plan. Today we will be going through the assessing risks and developing the plan steps.
2. Reviewed the built environment exposure for the Southampton County towns. Courtland has the highest total value at \$1.3M.
3. Flooding issues and FIRM review:
  - a. Most severe hazard that we are all exposed to.
  - b. Hazus level 2 flood risk assessment, issues with the average annual damages estimate that is produced for SH County. Hazus shows \$111K average annual damages for entire county, which is probably conservative, but based on best available information.
  - c. Boykins – has floodway going through part of town, high hazard area.
  - d. Branchville – small area of 100-yr floodplain along southern border.
  - e. Capron – no floodplain within town boundaries
  - f. Ivor – 100-year floodplain just outside of the town
  - g. Courtland – floodway within town. Several letter of map amendments in the town.
  - h. Newsoms – small 100-year floodplain in southern part of town, no known structures.
  - i. Critical Facilities Analysis – 1 police in floodway, 1 police in 100-year, 4 hazmat, 1 police, 1 school in 500-year floodplain.
  - j. Flood Insurance Analysis
  - k. Repetitive Flood Loss Area – Courtland only town with repetitive flood loss area.

- I. Question – what depth of flooding for it to be considered a flooded area – NFIP defines it as a depth of 2 ft and more than one property impacted. FEMA floodplain is based on 100-year frequency. Mentioned that towns' issues are coming from smaller streams, smaller storms causing flooding more often.
- m. Social Vulnerability – FEMA tool, National Risk Index (NRI) – based on Census tracts. Most of the towns are in “relatively minor” social vulnerability, Ivor in “very Low” area. Expected Annual Loss X Social Vulnerability ÷ Community Resilience = Risk Index.
- n. Tropical Storms – Reviewed the probabilistic loss estimates for the County, by census tracts.

4. Pandemic Flu/Infectious Diseases was added to this version of the HMP.

5. Radon Exposure was added to this HMP. William and Mary scientists are currently doing more studies to determine where radon is an issue, and mapping those areas.

6. Re-ranking the hazards - reviewed the ranking that the rest of the Hampton Roads communities prepared. SH County does not need to be influenced by the ranking to develop mitigation measures. Differences in SH County:

- a. Hazardous materials incident – risk may be higher because of the railroad
- b. Damages from drought may be higher due to more land in agricultural land uses

7. Committee looked at the goals of other plans to define the goals of this plan. Group walked through the goals and objectives of the 2022 HMP and what was changed from the previous plan.

8. Examining capabilities – the towns need to identify what their strengths are and where they need to improve/actions required to meet the goals.

9. Group walked through the Regional Mitigation Measures that are included in the HMP.

10. The group broke out into groups by town, with a professional planner assisting each group as they carefully considered:

- a. existing actions – changes needed, accomplishments/progress, any completed actions
- b. new actions – did the discussion of risk and vulnerability create a need for new actions?

## Meeting Correspondence

Boykins 18206 Virginia Ave. Boykins, Virginia 23827  
 Branchville 15310 Broad St Branchville VA 23828  
 Capron 22688 Main St, Capron, VA 23829  
 Courtland 22219 Meherrin Rd Courtland VA 23837  
 Ivor 8430 Bell Avenue. Ivor, VA 23866  
 Newsoms 29056 Everett St, Newsoms, VA 23874

## MAILED OUT TO MAYORS IN SEPTEMBER 2022

Dear ,

I am the Regional Emergency Management Administrator for the Hampton Roads Planning District Commission.

Part of our responsibilities include project management of the 2022 Hampton Roads Hazard Mitigation Plan, which aims to protect our region by bolstering preparedness and lessening the potential impacts of hazards. The plan outlines specific measures such as infrastructural protection, floodplain management policies, land use, and public awareness recommended for use within our region. Without an approved Hazard Mitigation Plan from the Federal Emergency Management Agency (FEMA), localities will not be eligible for:

- Hazard Mitigation Grant Program (HMGP)
- Building Resilient Infrastructure and Communities (BRIC)
- Pre-Disaster Mitigation Grant Program (PDM)
- Fire Management Assistance Grant Program (FMAG)
- Rehabilitation of High Hazard Potential Dam Grant Program (HHPD)
- Public Assistance Grant Program (PA)

This past March, FEMA approved the 2022 Hampton Roads Hazard Mitigation Plan for adoption but instructed us to remove the towns of Southampton noting insufficient participation in the planning process. Fortunately, FEMA has permitted the option to redo the planning process in Southampton towns and have them included in the plan via an amendment. The HRPDC has used the remaining grant funds to hire a contractor and facilitate this process, thus incurring all costs in addition to much of the work entailed.

Participating towns will however be required to send a representative to a meeting lasting up to 3 hours. At this meeting, the consultant team will brief the towns on the Planning Process, Hazard Identification and Risk Assessment, Mitigation Strategy, Plan Review, Evaluation, and Implementation. After the meeting, the contractor team will draft an amendment to the Hazard Mitigation Plan. After which, the towns will need to seek public input/feedback. The contractor team will incorporate the public feedback/input into a final draft for approval by the towns and send it to VDEM and FEMA for their approval. Once approved by FEMA, the towns will then need to officially adopt the plan via a signed resolution and submit it to the HRPDC.

We ask that you please resound in writing whether your town wishes to participate in the planning process and be included in the 2022 Hampton Roads Hazard Mitigation Plan.

If you have any questions, feel free to reach out to me at [jsadler@hrpdcva.gov](mailto:jsadler@hrpdcva.gov) or 757-420-8300.

Sincerely,



John Sadler

**Leigh.morgan.chapman@gmail.com**

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**From:** Beth Lewis <blewis@southamptoncounty.org>  
**Sent:** Friday, March 10, 2023 12:09 PM  
**To:** Van Worrell; Town of Courtland; Town Office; mayor@townofboykinsva.com; kitchenswelding1@cs.com; nancyph2010@yahoo.com  
**Cc:** Leigh Chapman  
**Subject:** Hazard Mitigation Plan  
**Attachments:** Copy of 2017 Mitigation Actions Aug 2021.xlsx

Mayors,

Each locality is required to have an adopted Hazard Mitigation Plan. The County's Plan typically includes each of the incorporated towns. In the recent review and adoption cycle, however, no input was provided by any of the towns and therefore FEMA would not recognize the localities as having an adopted Plan. FEMA has extended further grant funds to Salters Creek and AECOM to work towards completing the Hazard Mitigation Plans for the towns. Salters Creek, AECOM, and the Hampton Roads Planning District Commission (HRPDC) would like to have a kick-off meeting with the Mayors to begin this process.

I have been asked to poll the Mayors to see if March 29 or March 30 would be better for a kick-off meeting. They would do one during the workday and one in the evening to accommodate all. They would be glad to have one in the north part of the County and one in the south part of the County if that would be more convenient. A meeting could be held here in our office outside Courtland, sort of in the middle of the County, if that would be convenient instead.

I've linked the mitigation actions that were in the 2017 Plan for your review. If you'd like to prepare for the meeting and review your locality's actions and see if you have accomplished them, don't find them necessary any longer, and/or want to add new ones, that might help the meeting go more smoothly. Just click on your locality at the bottom of the page. And if you have any questions, please feel free to contact me. I look forward to hearing if either of those dates is acceptable to you, and what time of day and location you'd prefer.

Thank you,  
Beth

Beth Lewis, AICP  
Planning Director  
Southampton County  
24283 Cheroenhaka Road, Courtland, VA 23837  
757-742-6757

## MAILED AND EMAILED TO MAYORS 3/17/2023

[PDC letterhead]

[address]

Dear ,

The HRPDC has used the remaining grant funds from the 2022 Hampton Roads Hazard Mitigation Plan to hire a contractor and facilitate the process of incorporating Southampton County's towns into the plan at no cost to the towns. In my letter dated September 29, 2022, I emphasized that towns in Southampton County that elect to participate in the 2022 Hampton Roads Hazard Mitigation Plan amendment process must send a representative(s) to the meeting we have scheduled to brief your community on the process. Participation is strongly encouraged in order to maintain your community's eligibility for several grant programs, and to update mitigation strategies specific to your town. Representatives may include elected officials, town clerks or other public officials; members of the public and other stakeholders are also welcome to attend.

**The meeting is scheduled for Wednesday, March 29, 2023, from 12:30pm to 3:30pm in the Southampton County Administration Offices located at 24283 Cheroenhaka Road, Courtland. Please confirm with me via email or phone by March 23 that you can attend.**

At this meeting, the consultant team will brief the towns on the planning process and the Hazard Identification and Risk Assessment conducted for the region; work to update the mitigation strategies from the 2017 plan; and, brief the plan implementation procedures. In the weeks following the meeting, the contractor team will draft an amendment to the Hazard Mitigation Plan. Towns will then need to seek public review, with which the contractor will assist. The contractor team will incorporate the public feedback into a final draft for approval by the towns and send it to VDEM and FEMA for their approval. Once approved by FEMA, the towns will need to officially adopt the plan via a signed resolution and submit it to the HRPDC.

If you have any questions, feel free to reach out to me at [jsadler@hrpdcva.gov](mailto:jsadler@hrpdcva.gov) or 757-420-8300.

Sincerely,



John Sadler

Regional Emergency Management Administrator  
Hampton Roads Planning District Commission  
723 Woodlake Drive  
Chesapeake, VA 23320  
Phone: 757-413-9308

cc: Beth Lewis, Southampton County Planning Director

## **Public Review Comments**

### **Resolutions of Adoption**