

Appendix D – 2017 to 2022 Mitigation Actions

The following tables provide the new and updated actions committed to by the participating jurisdictions in the 2017 Richmond Regional-Crater PDC Hazard Mitigation Plan. The updates are provided by county in alphabetical order. Towns are included with their respective counties.

Charles City County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Charles City - 1	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 .	Planning and Emergency Management	High	1, 2, 4, 5, 7	All	Ongoing	Grants, CIP
Charles City - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning and Emergency Management	Medium	1, 2	All	Ongoing	In-kind hours
Charles City - 3	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1	Flooding	Ongoing	In-kind hours
Charles City - 4	Work with private utilities to keep right-of-way clear.	Public Works	Medium	1, 3, 6	Severe storm, wind, winter storm	Ongoing	In-kind hours
Charles City - 5	Explore opportunities to reduce risk form fire in rural settings through increased resources such as dry hydrants, drafting, equipment and tankers.	Administration	High	1, 2, 3, 6	Wildfire, structure fire	Ongoing	Grants, CIP

Chesterfield County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Chesterfield - 1	Based on annual RL/SRL county data, continue to work with VDEM and FEMA to mitigate repetitive and SRL properties as grant funds are available and owners demonstrate interest in participation.	Emergency Management	Low	1, 2	Flooding, severe storm	Ongoing	Grant Funds
Chesterfield - 2	Enhance and coordinate use of GIS to gather damage assessment information by all county agencies including establishing naming conventions and data categories.	GIS	Low	2, 3, 5, 6	All	Ongoing	Local GIS Staff
Chesterfield - 3	Include hazard mitigation in the comprehensive plan update in 2017 by linking concepts in the planning process that would accomplish hazard mitigation.	Planning	High	2, 6	All	2017 Comp Plan Update Process	Planning Department
Chesterfield - 4	Address critical facility infrastructure through potential grant funding with the possibility of quick connects.	Emergency Management	Medium	1, 4	All	Grant funding as available	Local Staff
Chesterfield - 5	Provide training opportunities to educate all county staff with a role in disaster recovery through training, mitigation techniques and long term recovery best practices.	Emergency Management	High	2, 5	All	Annually/Ongoing	EM Staff
Chesterfield - 6	Encourage whole community preparedness through education of hazards affecting the community and steps to reduce the vulnerability.	Emergency Management	High	1, 2, 7	All	Annually/Ongoing	Local Staff

Chesterfield County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Chesterfield - 7	Work with Virginia Department of Mines, Minerals and Energy to continue to refine the Locations of Abandoned Mines in the Greater Richmond Area maps. Use these maps to guide zoning, development, and building inspection decisions.	Inspections; Environmental Engineering; Planning	Medium	2, 3,	Land subsidence	Ongoing	Community Development Staff
Chesterfield - 8	Provide disaster job for building permit applications in new Enterprise Land Management System (ELM) to comprehensively capture damage assessment data.	GIS; Inspections	Medium	5, 6	All	Ongoing	Community Development Staff
Chesterfield - 9	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Inspections	High	1, 2, 4	Flood, other hazards	Ongoing	Community Development Staff
Chesterfield-10	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Emergency Management	Medium	1, 2, 4	Flood	Ongoing	Local Staff
Chesterfield - 11	Maintain Storm Ready certification (last certification 2014).	Emergency Management	Low	1, 2, 3, 4, 6	All	Ongoing	EM Staff
Chesterfield - 12	Incorporate hazard mitigation potential in decision making for acquiring new park land and open space easements.	Parks and Rec	Low	2, 4	All	Ongoing	Local Staff

Chesterfield County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Chesterfield - 13	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.	Community Development	High	1, 2, 4, 5, 7	All	Ongoing	Community Development Staff
Chesterfield - 14	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Emergency Management	Medium	1, 2	All	Ongoing	Local Staff

City of Colonial Heights 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Colonial Heights - 1	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Building Inspection Department	High	2, 4	All	Ongoing	Staff
Colonial Heights - 2	Review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Planning Department	Medium	2	Flooding	Ongoing	Staff
Colonial Heights -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 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	Emergency Management	Medium	1, 2, 4, 5, 7	All	Ongoing	Staff
Colonial Heights - 4	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	2	All	Ongoing	Staff
Colonial Heights - 5	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list. Create a GIS layer to identify RL and SRL properties.	Emergency Management	Low	1	Flooding, Severe Storms	Annually	Staff
Colonial Heights - 6	Complete purchase of NOAA weather radios for public facilities.	Emergency Management	Medium	1, 2, 6, 7	All	Within 5 years	Grants, city budget
Colonial Heights - 7	Obtain building footprint data in cooperation with Crater PDC to enable flood hazard analysis using TEIF2.0 analysis method	GIS/CPDC	High	2, 5	Flooding	Within 3 years	Grants, staff, Crater PDC staff

City of Colonial Heights 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Colonial Heights - 8	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Emergency Management/ Planning	Medium	2	All	Ongoing	Staff

Dinwiddie County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Dinwiddie - 1	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Planning/Zoning	Low	1, 2, 4	Flood	Annually	Staff
Dinwiddie - 2	Continue to work with VDOT to evaluate and mitigate at-risk roads.	Emergency Management	Medium	1, 2	Flood, winter storm, wildfire	Ongoing	Staff
Dinwiddie - 3	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2	All - emphasis flooding, earthquake and wind	Ongoing	Staff
Dinwiddie - 4	Continue to refine and update Continuity of Operations Plan. Exercise Plan in 2017.	Emergency Services	Medium	3	All	2017	Staff
Dinwiddie - 5	Implement Debris Management Plan; consider County-specific on-call debris management contractors.	Emergency Management	Medium	1, 2, 3, 5	All	Ongoing	Staff
Dinwiddie - 6	Incorporate CVEMA data into County CAD system (road and RR crossings, etc.) for 911 dispatchers. Correlate crossing numbers to location.	Emergency Management	High	1,2, 3, 5, 6, 7	All	Ongoing	Staff
Dinwiddie - 7	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Emergency Management	Medium	1, 2	Flood	Annually	Staff
Dinwiddie - 8	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	Emergency Management	Medium	1, 2, 4, 5, 7	All	Ongoing	FEMA Grants

Dinwiddie County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
	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						
Dinwiddie - 9	Increase water/wastewater treatment systems resiliency with County, McKinney and two private water systems.	Dinwiddie County Water Authority, private systems	High	1, 4, 7	All	Ongoing	Grants, authority funds
Dinwiddie - 10	Continue to incorporate Master State Assistance Guide (MSAG) information into 911 dispatcher resources to more accurately locate interstate incidents and facilitate response resources.	Emergency Management	High	1, 2, 3, 4, 5, 6, 7	All	Ongoing	Staff
Dinwiddie - 11	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning, Emergency Management	High	1, 2	All	Ongoing	Planning and other staff
McKenney - 1	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Planning/Zoning	Low	1, 2, 4	Flood	Annually	Staff
McKenney - 2	Continue to work with VDOT to evaluate and mitigate at-risk roads.	Emergency Management	Medium	1, 2	Flood, winter storm, wildfire	Ongoing	Staff
McKenney - 3	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2	All - emphasis flooding, earthquake and wind	Ongoing	Staff

Dinwiddie County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
McKenney - 4	Increase water/wastewater treatment systems resiliency with County, McKenney and two private water systems.	Dinwiddie County Water Authority, private systems	High	1, 4, 7	All	Ongoing	Grants, authority resources
McKenney - 5	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	No information provided.	No information provided.	1, 2, 4, 5, 7	All	Ongoing	FEMA Grants
McKenney - 6	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	No information provided.	No information provided.	1, 2	All	Ongoing	Planning staff

City of Emporia 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Emporia-1	Complete improvements to utility lines.	Public Utilities	High	1, 2, 4, 5	Flooding, wind, severe storm	Ongoing	No Further Information
Emporia-2	Complete replacement of Halifax Street Bridge.	Public Works	Medium	1, 7	All	Long-term	No Further Information
Emporia-3	Continue to review and make recommendations for improvements to the stormwater system.	Emergency Services	High	1, 7	Flooding	Ongoing	No Further Information
Emporia-4	Finalize Continuity of Operations Plan.	Administration	High	2, 3, 5, 6	All	Ongoing	Staff
Emporia-5	Identify grant to support geo-coded damage assessment data collection.	Emergency Services	Medium	3, 5, 6, 7	All	Ongoing	Staff
Emporia-6	Install additional gauges on Meherrin River.	Emergency Services	Medium	1, 3, 6, 7	Flooding	Ongoing	FEMA grants
Emporia-7	Integrate data from new flood gauges into citizen notification system.	Emergency Services	Medium	2, 3	Flooding	Ongoing	Staff, VDEM Inflows manager
Emporia-8	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	Emergency Services	Medium	1, 2, 4, 5, 7	All	Ongoing	FEMA grants

City of Emporia 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Emporia-9	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Zoning Administrator	Medium	2	Flooding	Annually	Staff
Emporia-10	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Services	Low	1, 2, 3, 4	All	Ongoing	Staff
Emporia-11	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Zoning Administrator	Low	1	Flooding	Annually	Staff
Emporia-12	Install warning sirens.	Emergency Services	Medium	1, 3, 6, 7	All	Ongoing	FEMA grants
Emporia - 13	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning	Medium	1, 2	All	Ongoing	Staff

Goochland County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Goochland - 1	Continue coordination with VDEM on incoming evacuee issues.	Emergency Management	Medium	4, 5, 6, 7	All	Ongoing	Included in normal workflow.
Goochland - 2	Continue to coordinate with City of Richmond and Department of Corrections to address wastewater capacity issues.	Public Utilities	High	7	All	Ongoing	Regular meetings with City of Richmond and other utility partners.
Goochland - 3	Continue to provide training opportunities to county staff.	Emergency Management	Medium	2, 3, 4, 6, 7	All	Ongoing	In-house staff
Goochland - 4	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2, 4, 7	All	Ongoing	In-house staff
Goochland - 5	Identify means to coordinate, collect, and store damage assessment data in GIS format for each natural hazard event which causes death, injury, and/or property damage.	Emergency Management/IT	Medium	2, 3, 5, 6, 7	All	Ongoing	EM and IT staff
Goochland - 6	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Emergency Management	Medium	1, 2	Flooding	Ongoing	Storm water management team
Goochland - 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	All county agencies	High	1, 2, 4, 5, 7	All	Ongoing	County staff

Goochland County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
	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.						
Goochland - 8	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	All county agencies	High	1, 2	All	Ongoing	County staff

Greenville County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Greenville-1	Complete development of Continuity of Operations plan.	Public Safety	Medium	1, 2, 5, 6, 7	All	No Information given	Staff
Greenville-2	Complete implementation of citizen notification system.	Public Safety	Medium	1, 2, 5, 6, 7	All	No Information given	Staff
Greenville-3	Consider participating in "Turn Around, Don't Drown" public education campaign.	Public Safety	Medium	1, 2, 5	Flooding	Ongoing	Staff
Greenville-4	Improve GIS layers and track storm damages.	Public Safety	Medium	1, 5, 6	All	Ongoing	Staff
Greenville-5	Work with VDOT to establish additional flood level markers along creeks and rivers in potential flood-prone areas.	Public Safety	Medium	1, 2, 5	Flooding	Ongoing	Staff
Greenville-6	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Department of Planning and Zoning	Medium	2	Flooding	Annually	Staff
Greenville-7	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Public Safety	Medium	1, 2, 4, 6, 7	All	Ongoing	Staff
Greenville-8	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Department of Planning and Zoning	Low	1, 2	Flooding, severe storm	Annually	Staff
Greenville-9	Work with state partners and neighboring localities to monitor and implement Next Generation 911 GIS data standards. Explore 911 consolidation with Emporia.	GIS Manager, PDC	High	1, 2, 3, 6, 7	All	Ongoing	Staff

Greenville County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Greenville - 10	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	No information provided.	No information provided.	1, 2, 4, 5, 7	All	Ongoing	FEMA grants
Greenville - 11	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	No information provided.	No information provided.	1, 2	All	Ongoing	Staff
Jarratt - 1	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	Community did not respond to status update request.	Community did not respond to status update request.	1, 2, 4, 5, 7	All	Ongoing	FEMA grants

Greenville County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Jarratt - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	staff

Hanover County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Hanover - 1	Complete installation of necessary electrical hook-up, wiring, and switches to allow readily accessible connections to emergency generators at key critical facilities.	Emergency Management	Medium	1, 7	All	Ongoing	Grants and incorporated as part of any new construction
Hanover - 2	Develop a more advanced flood warning system to increase the ability to locally and specifically forecast flood events and flood depths. Partner with other organizations including the NWS, U.S. Geological Survey (USGS), and local watershed organizations.	Emergency Management	High	1, 2, 3, 6	Flooding	Ongoing	NWS, USGS, grants
Hanover - 3	Work with the NWS to promote the “Turn Around, Don’t Drown” public education campaign.	Public Safety	High	1, 2	Flooding	Ongoing	Staff
Hanover - 4	Review locality’s compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Planning and Community Development	Medium	2	Flooding	Annually	Staff
Hanover - 5	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2, 4, 7	All	Annually	Staff
Hanover - 6	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Planning and Community Development	Low	1, 2	Flooding, severe storm	Annually	Staff
Hanover - 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	Emergency Management, Public Works, Planning and Community Development	High	1, 2, 4, 5, 7	All	Ongoing	FEMA grants

Hanover County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
	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.						
Hanover - 8	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning and Community Development	High	1, 2	All	Ongoing	Staff
Ashland-1	Evaluate and make improvements, as needed, to stormwater system to ensure adequacy to handle major rain events.	Planning and Utilities	Medium	1, 2, 4, 5	All	Ongoing	Grant and local funding
Ashland-2	Continue CRS activities to reduce flood risk.	Planning and Community Development	Medium	1, 2	Flood	Ongoing	Local staff and funding
Ashland-3	Develop Continuity of Operations plan.	Police	Low	2, 3, 5, 6	All	Long-range	Local staff and funding
Ashland-4	Continue to enhance capabilities to use GIS for emergency management.	Planning and Community Development	Low	2, 3, 5, 5, 7	All	Ongoing	Local staff and funding, including coordination with Hanover County.
Ashland-5	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	Planning and Community Development	Medium	1, 2, 4, 5, 7	All	Ongoing	Local staff and funding, including coordination with Hanover County. Grants.

Hanover County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
	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.						
Ashland-6	Review locality's compliance with the NFIP with an annual review of the Floodplain Ordinances and any newly permitted activities in the 100-year floodplain.	Planning and Community Development	Medium	2	Flooding	Annually	Local staff
Ashland-7	Distribute brochures and use other means (e.g., local media) to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Police	Medium	1, 2, 4, 7	All	Ongoing	Local staff and funds
Ashland-8	Request list from VDEM or VA Department of Conservation and Recreation (DCR) and conduct annual review of repetitive loss (RL) and severe repetitive loss (SRL) property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Planning and Community Development	Low	1, 2	Flooding, severe storm	Annually	Local staff
Ashland - 9	Coordinate debris management with Hanover County to the degree possible.	Public Works	Low	2, 3 5, 6, 7	All debris generating storms	2-5 years	Town and County Staff
Ashland - 10	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning and Community Development	High	1, 2	All	Ongoing	Local staff

Henrico County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Henrico - 1	Conduct site inspections of schools and help to identify areas for use as tornado safe rooms.	Emergency Management	Medium	1, 7	Wind	Completed annually	Fire, Police, HCPS
Henrico - 2	Continue to implement channel maintenance program.	Public Works	Low	1, 2, 7	Flood	Ongoing	Floodplain Management
Henrico - 3	Continue comprehensive Public Outreach program maximizing Community Emergency Resource Team resources to enhance training availability to targeted populations. Participate in Great Shakeout and other wide-scale disaster drills. Complete participation in the StormReady program sponsored by the NWS and leverage "Storm Ready" to maximize participation in the Great Shakeout and other wide-scale disaster drills and annual preparedness days emphasizing flood, wind, wildfire, and earthquake hazard readiness. Continue outreach through brochure distribution and other means (e.g., local media) to educate the public regarding preparedness and mitigation.	Emergency Management	Medium	1, 2, 4, 5, 7	All	Ongoing	HCOEM, HFD, HPD, HCHD personnel and staffing
Henrico - 4	Enhance water availability for wildfire fighting in eastern portion of the county.	Fire	Medium	1,3	Wildfire	Ongoing	HFD CRR resources
Henrico - 5	Ensure stormwater system remains adequate for flood hazards.	Public Utilities	Medium	1, 3, 6, 7	Flood	Ongoing	DPU resources
Henrico - 6	Identify and secure pre-event shelter sites (not flood-prone, not subject to wind damage) and ensure compliance with national shelter standards.	Emergency Management	Low	1, 4, 7	All	Ongoing	Emergency Management
Henrico - 7	Identify new site for Emergency Operations Center (EOC) and identify viable alternate site. Second floor of building is vulnerable to wind damage and is located near major road and hospital; there is potential for hazmat exposure. Also EOC is not a dedicated facility.	Emergency Management	High	1, 7	All	10 years	Emergency Management

Henrico County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Henrico - 8	Incorporate mitigation into existing standing regional planning groups.	Emergency Management	Medium	1, 2, 4, 6	All	Ongoing	Meetings and existing planning efforts
Henrico - 9	Install electrical hook-ups, wiring, and switches to allow quick connects at county-owned critical facilities (focus on properties not funded through BZCP and UASI programs).	Emergency Management	High	1, 7	All	Ongoing	Staff Resources
Henrico - 10	Invest in staff capacity to enhance ability to implement mitigation programs throughout the county.	Emergency Management	Medium	1, 2, 7	All	Ongoing	Staff Resources
Henrico - 11	Install IFLOWS gauges at frequently flooding rivers and water bodies.	Public Utilities, Public Works, Emergency Management	Low	1, 2, 3, 6	Flooding	Ongoing	Resources to support equipment purchases to establish and maintain resources
Henrico-12	Maintain relationships with Dominion Virginia Power, Comcast, Verizon (and other utility service providers), and VDOT to ensure swift removal of debris and continued maintenance of lines to minimize future debris.	Dominion, DPW, DPU, Fire and Police	Medium	1, 3	Flood, wind, winter storm, severe storm	Ongoing	Staff Resources
Henrico-16	Incorporate mitigation principles into local comprehensive, emergency management, and recovery plans.	Emergency Management	Low	1, 2, 3, 4, 5, 6, 7	All	Ongoing	Staff Resources
Henrico - 17	Request list from VDEM or VA DCR and conduct annual review of past listed and current RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Emergency Management	Low	1, 2	Flooding	Annual	Continued staff interaction with VDEM and DCR

Henrico County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Henrico - 18	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Building Inspections	High	2	Flooding	Ongoing	Staff Resources
Henrico - 19	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Public Works	Medium	2	Flooding	Ongoing	Staff Resources
Henrico - 20	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.	Emergency Management, Public Utilities, Public Works, Planning, Permit Center, Building Inspections, Police, Schools, Rec & Parks	High	1, 2, 4, 5, 7	All	Ongoing	Awareness of new grant opportunities to support mitigation projects
Henrico - 21	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning and Emergency Management	High	1, 2	All	Ongoing	Awareness of new grant opportunities to support mitigation projects

City of Hopewell 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Hopewell-1	Integrate the jurisdiction's mitigation plan into future capital improvement plans to ensure that new city facilities are located out of harm's way.	Emergency Management	High	1, 2, 4, 7	All+F2F27: H42	Ongoing	Staff
Hopewell-2	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Development	High	1, 2, 4, 7	Flood	Ongoing	Staff
Hopewell-3	Target FEMA's RL properties for specialized outreach and mitigation activities.	Emergency Management	Medium	1, 2	Flood	Ongoing	Staff
Hopewell-4	Inspect and clear debris from stormwater drainage system.	Public Works	Medium	2, 3, 7	Flood, severe storm	Ongoing	Staff
Hopewell-5	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Development	Medium	1, 2	Flood	Ongoing	Staff
Hopewell-6	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			1, 2, 4, 5, 7	All	Ongoing	FEMA grants
Hopewell-7	Consider participating in FEMA's CRS.	Development	Medium	1, 2	Flood	Ongoing	Staff

City of Hopewell 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Hopewell-8	Relocate public safety facility outside of 0.5 mile evacuation zone for industrial plants and as far as possible from train yards/tracks.	Emergency Management	High	1, 7	All	Short Term	Staff, Capital Improvement budget
Hopewell-9	Discuss with owners opportunities to harden industrial facilities.	Emergency Management	Medium	1	All	Ongoing	Staff
Hopewell-10	Increase capacity of Cabin Creek drainage system including 1) debris clearing and revetment, and 2) if necessary, re-alignment of channel.	Public Works	High	1, 7	Flood, severe storm, wind	Short Term	Staff, Capital Improvement budget
Hopewell-11	Develop a debris removal plan.	Public Works	Medium	2, 3	Flood, severe storm, wind, winter storm	Short Term	Staff
Hopewell-12	Review and revise, if needed, local floodplain ordinances.	Development	Medium	2	Flood	Ongoing	Staff
Hopewell-13	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Emergency Management	Low	1, 2	Flood	ongoing	staff
Hopewell-14	Distribute brochures and use other means to educate the public regarding preparedness and mitigation.	Emergency Management	Medium	1, 2, 4, 6, 7	All	ongoing	staff
Hopewell-15	Install NWS-grade tide gauge at confluence of James and Appomattox Rivers. Include acoustic water-level sensor, protective well components, data collection platform, GOES satellite telemetry, enclosure, stand, batteries, antenna, and solar panels.	Emergency Management	Low	1, 3	Flood	Short Term	NWS, USGS, FEMA grants, VDEM IFLOWS staff

City of Hopewell 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Hopewell-16	Complete continuity of operations plan.	Emergency Management	Low	2, 3, 5, 6	All	Short Term	Staff
Hopewell-17	Identify means to coordinate, collect, and store damage assessment data in GIS format for each natural hazard event which causes death, injury, and/or property damage.	Development	Low	1, 2, 3, 5, 6, 7	All	Short Term	Staff
Hopewell-18	Identify training opportunities for staff to enhance ability to use GIS for emergency management needs.	Emergency Management	Low	2, 3, 4, 5, 6, 7	All	Ongoing	Staff
Hopewell-19	Increase flow capacity of Cattail Creek channel and culverts crossing CSX & Norfolk Southern RR to address repeated flooding and damage to infrastructure.	Public Works	High	1	Flood	Short Term	Staff, Capital Improvement budget
Hopewell-20	Relocate power equipment at Hopewell Marina to minimize potential impacts from flooding.	Public Works	High	1	Flood	Short Term	Staff, Capital Improvement budget
Hopewell-21	Stabilize stream channel and road embankment of City's primary emergency route: Winston Churchill Dr, between High Ave & Arlington Rd. and protect adjacent residences.	Public Works	High	1	Flood	Short Term	Staff, Capital Improvement budget
Hopewell-22	Conduct engineering study and upgrade generator at Hopewell critical facilities.	Public Works	High	1, 4, 7	All	Short Term	Staff, Capital Improvement budget
Hopewell-23	Install audible outside warning system.	Emergency Management	High	1, 2, 3, 4, 5	All	Short Term	Staff, Capital Improvement budget
Hopewell - 24	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Development	Low	1, 2	All	Ongoing	Staff, FEMA grants

New Kent County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
New Kent - 1	Complete initial application for Storm Ready program.	Emergency Management	Medium	1, 2, 3, 5	All	2018	Staff
New Kent - 2	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Emergency Management	Low	1, 2	Flood	Annually	Staff
New Kent - 3	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Inspections	High	2	Flood	Ongoing	Staff
New Kent - 4	Continue to incorporate hazard mitigation construction and landscaping techniques into new community facilities to reduce risk of building fires and wildfire susceptibility.	Building Development Office	Medium	2	Wildfire	Ongoing	Staff
New Kent - 5	Consider participating in FEMA's CRS and achieve as high a rating as possible.	Emergency Management	Medium	1, 2	Flood	Ongoing	Staff
New Kent - 6	Continue to work with the NWS to promote the "Turn Around, Don't Drown" public education campaign.	Emergency Management	Medium	1, 2	Flooding	Ongoing	Staff
New Kent - 7	Continue to work with VDOF to implement the FIREWISE program in New Kent County.	Emergency Management	Medium	1, 2	Wildfire	Ongoing	Staff and DOF
New Kent - 8	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2, 4, 6, 7	All	Ongoing	Staff
New Kent - 9	Encourage new facilities such as banks, gas stations, and pharmacies to have back-up generators as they are developed.	Building Development Office	Medium	1, 2, 4	All	Ongoing	Staff
New Kent -10	Evaluate stormwater system to determine if it is adequate for existing (or future) flood hazard.	Planning	Medium	1, 2, 7	Flooding	Ongoing	Staff

New Kent County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
New Kent -11	Harden local utilities to improve recovery time including continued cooperation with Dominion VA Power to reduce woody hazards on right-of-ways.	Public Utilities	Medium	1, 2, 7	Flooding, winter storm, wildfire	Ongoing	Staff and Dominion
New Kent -12	Identify existing flood-prone structures that may benefit from mitigation measures such as elevation.	Emergency Management	Low	1, 2	Flooding	Ongoing	Staff
New Kent - 13	Increase staff resources for emergency management and floodplain management.	Emergency Management	High	1, 2, 3, 5, 6, 7	All	Ongoing	Budget and staff plans
New Kent - 14	Increase woodland community and wildfire planning county-wide.	Planning	Medium	1, 2	Wildfire	Ongoing	Staff and DOF
New Kent - 15	Investigate manufactured homes and trailers to evaluate their resistance to wind and flood hazards.	Building Development Office	Low	1, 2	Wind, flooding	Ongoing	Staff
New Kent -16	Mitigate road construction in Fannies Creek area.	Emergency Management	Medium	1, 2	Flooding	Ongoing	Staff and VDOT
New Kent - 17	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Emergency Management	Medium	1, 2	Flooding	Annually	Staff
New Kent - 18	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.	Emergency Management	Low	1, 2, 4, 5, 7	All	Ongoing	FEMA Grants

New Kent County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
	targeted hazard education 11. wastewater and water supply system hardening and mitigation.						
New Kent - 19	Use fee simple and/or permanent easement to prevent development in the highest priority undeveloped floodplain (and/or wetlands) areas. Use these areas as public open space for passive recreational uses or utility easements.	Community Development	Medium	1, 2	Flooding	Ongoing	Staff
New Kent - 20	Work with state to improve traffic management issues/concerns from Hampton Roads evacuation.	Planning	High	2, 3, 4, 5, 6, 7	Hurricane evacuation	Ongoing	Staff, VDEM, VDOT
New Kent - 22	Monitor and asses earthquake vulnerability and potential impacts to vulnerable properties.	Delete	Low	1, 2	Earthquake	Ongoing	Staff
New Kent - 23	Identify additional shelter locations.	Emergency Management	Medium	1, 4	All	Ongoing	Staff
New Kent - 24	Investigate feasibility of I-Flow gauges for Colonies and campground areas near Chickahominy River.	Emergency Management	Low	1, 3, 6	Flooding	Ongoing	Staff, NWS, USGS, VDEM IFLOWs Manager
New Kent - 25	Investigate new campaign for community alert system	Emergency Management	High	1, 2, 3	All	Ongoing	Grants
New Kent - 26	Investigate siren/early warning devices in high population areas	Emergency Management	Low	1, 2, 3	All	Ongoing	Grants
New Kent - 27	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Emergency Management	Medium	1, 2	All	Ongoing	Staff

City of Petersburg 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Petersburg - 1	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Building Department	High	1, 2	Flooding	Ongoing	Staff
Petersburg - 2	Partner with parent-teacher associations and local schools to implement existing curriculum related to natural hazards (e.g., Masters of Disaster, Risk Watch).	Emergency Management	Low	2	All	Ongoing	Staff
Petersburg - 3	Complete application for StormReady Program.	Emergency Management	Low	1, 2, 3, 5	All	2018	Staff
Petersburg - 4	Consider participating in FEMA's CRS.	Public Works	Medium	1, 2	Flooding	Ongoing	Staff
Petersburg - 5	Inspect and clear debris (or encourage VDOT to) from stormwater drainage system.	Public Works	High	4	Flooding	Ongoing	Staff, VDOT
Petersburg - 6	Finish implementation of Reverse 911 system.	Emergency Management	Medium	1, 3, 5, 6, 7	All	Ongoing	City budget, grants
Petersburg - 7	Establish flood-level markers along bridges and other structures to indicate the rise of water levels along creeks and rivers in potential flood-prone areas.	Public Works	Medium	1, 2, 3	Flooding	Ongoing	Grants
Petersburg - 8	Investigate all public utility lines to evaluate their resistance to flood, wind, and winter storm hazards.	Public Works	Medium	7	Flood, wind, winter storm, severe storm	Ongoing	Staff
Petersburg - 9	Work with VDOT, private utilities, and/or private homeowners to trim or remove trees that could down power lines.	Public Works	Low	7	Flood, wind, winter storm, severe storm	Ongoing	Staff, VDOT

City of Petersburg 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Petersburg - 10	Distribute brochures and use other means to educate the public regarding preparedness and mitigation.	Emergency Management	Medium	1, 2, 3	All	Ongoing	Staff
Petersburg - 11	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Planning/ Assessor	Low	1, 2	Flooding	Annually	Staff
Petersburg - 12	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Emergency Management	Medium	1, 2	Flooding	Annually	Staff
Petersburg - 13	Install quick connects for generators at critical facilities.	Emergency Management	Medium	1, 7	All	Ongoing	Grants
Petersburg - 14	Work with state partners and neighboring localities to monitor and implement Next Generation 911 GIS data standards.	GIS Manager, PDC	High	1, 7	All	Ongoing	Staff
Petersburg - 15	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	Community did not respond to status update request.	Community did not respond to status update request.	1, 2, 4, 5, 7	All	Ongoing	FEMA Grants

City of Petersburg 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Petersburg - 16	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Staff

Powhatan County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Powhatan - 1	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.	Emergency Management	High	1, 2, 4, 5, 7	All	Ongoing	Grants and local funding sources
Powhatan - 2	Continue to incorporate mitigation principles into local comprehensive, emergency management, and recovery plans.	Planning and Community Development	High	1, 2, 3, 5, 6, 7	All	Ongoing	Local Staff
Powhatan - 3	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Planning and Community Development	Medium	1, 2	Flood	Long-Term	Local Staff
Powhatan - 4	Continue implementation of community emergency response and other public outreach programs.	Emergency Management	Medium	1, 2, 3	All	Long-Term	Local Staff
Powhatan - 5	Continue to develop means to geo-code damage assessment information.	Emergency Management	Medium	1, 5	All	Ongoing	Local Staff
Powhatan - 6	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2	All	Ongoing	Grant Funding, Local Staff

Powhatan County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Powhatan - 7	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Planning and Community Development	Low	1, 2	Flood	Ongoing	Local Staff
Powhatan - 8	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning and Community Development	Medium	1, 2	All	Ongoing	Local Staff
Powhatan - 9	Make application and participate in the Community Rating System.	Emergency Management	Medium	1, 2	Flood	Ongoing	Local Staff

Prince George County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Prince George - 1	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Building Department	High	1, 2	Flooding	Ongoing	Staff
Prince George - 2	Include an assessment and associated mapping of the municipality's vulnerability to location-specific hazards and make appropriate recommendations for the use of these hazard areas in a future comprehensive plan.	Planning Department	Medium	1, 2, 3	All	Ongoing	Staff
Prince George - 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 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	??	??	1, 2, 4, 5, 7	All	Ongoing	FEMA grants
Prince George - 4	Evaluate existing stormwater system to determine if it is adequate for existing (or future) flood hazard.	Public Works	Medium	1, 2, 7	Flooding	Ongoing	Staff
Prince George - 5	Target FEMA's RL properties for specialized outreach and mitigation activities.	Emergency Management	Medium	1, 2	Flooding	Ongoing	Staff
Prince George - 6	Identify means to coordinate, collect, and store damage assessment data in GIS format for each natural hazard event which causes death, injury, and/or property damage.	Emergency Management	Low	1, 5	All	Ongoing	Staff
Prince George - 7	Coordinate drought contingency plans with County Extension Office.	Emergency Management	Low	2, 3, 4	Drought	Ongoing	Staff, VEC

Prince George County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Prince George - 8	Distribute brochures and use other means to educate the public regarding preparedness and mitigation.	Emergency Management	Medium	1, 2,	All	Ongoing	Staff
Prince George - 9	Staff Emergency Management Office, Building Inspections Office, and/or Zoning Office at adequate levels.	County Administrator / agency heads	Low	1, 2, 3, 5, 6, 7	All	Ongoing	County budget and Staffing plan
Prince George - 10	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Emergency Management	Low	1, 2	Flooding	Ongoing	Staff
Prince George - 11	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Emergency Management	Medium	1, 2	Flooding	Ongoing	Staff
Prince George - 12	Complete design for Fire Department burn building	Emergency Management	High	1, 2, 7	All hazards (response and recovery)	Ongoing	Capital Improvement Plan
Prince George - 13	Pursue construction of new fire station at Route 10 and Moody Road	Emergency Management	High	1, 2, 7	All hazards (response and recovery)	Ongoing	Capital Improvement Plan
Prince George - 14	Continue implementation of automatic aid agreement with Hopewell	Emergency Management	High	1, 2	All	Ongoing	County and Hopewell
Prince George - 15	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Planning Department; Emergency Management	Medium	1, 2, 7	All	Ongoing	Staff

City of Richmond 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Richmond - 1	Add additional emergency management staff.	Emergency Management	Medium	2, 3, 5, 6, 7	All	Ongoing	Funding
Richmond - 2	Continue implementation of the “Turn Around, Don’t Drown” public education campaign. Install along Gillis Creek.	Department of Public Works & Department of Public Utilities	Medium	1, 2, 3	Flooding	Ongoing	Funding
Richmond - 3	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Department of Public Utilities	Low	1, 2	Flooding	Ongoing	Staff
Richmond - 4	Pursue a higher Community Rating System rating to increase premium savings for flood insurance holders.	Department of Public Utilities	Medium	1, 2	Flooding	Long-term	Staff and Funding
Richmond - 5	Continue to enforce zoning and building codes, with emphasis on floodplain management.	Planning and Development Review & Department of Public Utilities	High	1, 2	Flooding	Ongoing	Staff
Richmond - 6	Continue to improve real-time data about flood depths.	Emergency Management	High	1, 2	Flooding	Long-term	Staff and Funding
Richmond - 7	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Emergency Management	Medium	1, 2, 3	All	Long-term	Funding
Richmond - 8	Encourage purchase of NOAA radios by citizens. Provide NOAA weather radios to public facilities.	Emergency Management	Medium	1, 2, 3	All	Long-term	Funding

City of Richmond 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Richmond - 9	Identify training opportunities for staff to enhance ability to use GIS for emergency management needs.	Emergency Management	Medium	1, 2, 3, 5, 6, 7	All	Long-term	Staff and Funding
Richmond -10	Investigate all primary and secondary schools to evaluate their resistance to all natural hazards in coordination with school system emergency planner.	Emergency Management & Richmond Public Schools	Medium	1, 2, 3	All	Long-term	Staff and Funding
Richmond - 11	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	Emergency Management	High	1, 2, 4, 5, 7	All	Ongoing	Staff and Funding
Richmond - 12	Identify and target an outreach program to businesses (particularly those with hazardous materials stored on site) to discuss hazards and mitigation alternatives.	Emergency Management & Richmond Fire and Emergency Services	Medium	1, 2	All	Long-term	Staff
Richmond - 13	Investigate redundant power for identified critical facilities	Emergency Management & Department of Public Utilities	Medium	1, 7	All	Short-term	Staff and Funding

City of Richmond 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Richmond - 14	Expand capability to provide community "human needs" centers during and after an emergency or disaster to include clothes washing trucks, electronic device charging stations, shower facilities, etc.	Emergency Management	Medium	1, 2, 3, 4, 5,	All	Long-term	Funds, Equipment
Richmond - 15	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Emergency Management	Medium	1, 2	All	ongoing	Staff and Funding

Surry County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Surry-1	Increase staff resources for emergency management.	Emergency Services	Medium	1, 2, 3, 5, 6, 7	All	Ongoing	County budget and Staff plan
Surry-2	Work with VDOT to establish additional flood-level markers along creeks and rivers in potential flood-prone areas.	Emergency Services	Medium	1, 2	Flooding	Ongoing	Staff, VDOT
Surry-3	Identify means to coordinate, collect, and store damage assessment data in GIS format for each natural hazard event which causes death, injury, and/or property damage.	Emergency Services, PDC	Medium	1, 5	All	Ongoing	Staff, VDOT
Surry-4	Continue to install the necessary electrical hook-up, wiring, and switches to allow readily accessible connections to emergency generators at key critical public facilities, as funding permits.	Public Safety	Medium	1, 7	All	Ongoing	Grants, CIP
Surry-5	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Public Safety	Medium	1, 2, 3	All	Ongoing	Staff
Surry-6	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Department of Planning and Zoning	Low	1, 2	All	Annually	Staff
Surry-7	Apply for CRS.	Public Safety	Medium	1, 2	Flooding	Ongoing	Staff
Surry-8	Use social media to more effectively inform the public.	Public Safety	Medium	1, 2, 3, 5, 6	All	Ongoing	Staff
Surry-9	Continue to pursue PSAP grant to improve GIS and 911 capabilities.	Department of Planning and Zoning	Low	1, 2, 3, 5, 6, 7	All	Ongoing	Grants

Surry County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Surry - 10	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	Community did not respond to status update request.	Community did not respond to status update request.	1, 2, 4, 5, 7	All	Ongoing	FEMA grants
Surry - 11	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Staff
Claremont - 1	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	Mayor	High	1, 2, 4, 5, 7	All	Ongoing.	FEMA grants

Surry County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Claremont - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Mayor	High	1, 2	All	Ongoing.	FEMA Grants
Claremont - 3	Continue to work with VDOT to develop an alternative ingress/egress to Claremont Beach.	Mayor	High	1, 5, 6, 7	All	Ongoing.	Mayor
Claremont - 4	Conduct annual review of repetitive loss and severe repetitive loss property list provided by VDEM to ensure accuracy. Review will include verification of the geographic location of each repetitive loss property and determination if that property has been mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Mayor	Medium	1, 2	Flooding	Ongoing.	staff
Claremont - 5	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Mayor	Medium	1, 2, 4, 6, 7	All	Ongoing.	Staff and volunteers
Surry Town - 1	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	Community did not respond to status update request.	Community did not respond to status update request.	1, 2, 4, 5, 7	All	Ongoing	Community did not respond to status update request.

Surry County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Surry Town - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Community did not respond to status update request.

Sussex County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Sussex - 1	Add staff to Emergency Management Office, Building Inspections Office, and/or Zoning Office.	Public Safety	Medium	1, 2, 3, 5, 6, 7	All	Ongoing	Budget and staffing Plan
Sussex - 2	Continue to enforce zoning and building codes to prevent/control construction within the floodplain.	Building Inspections/ Department of Planning and Zoning	High	1, 2	Flooding	Ongoing	Staff
Sussex - 3	Continue to evaluate the floodplain manager's roles and responsibilities in each local jurisdiction.	Department of Planning and Zoning	High	1, 2	Flooding	Ongoing	Staff
Sussex - 4	Continue to identify funding opportunities to replace vulnerable or undersized culvert stream crossings with bridges or larger culverts to reduce flood hazards.	Public Safety	Medium	1, 2, 3, 7	Flooding	Ongoing	Staff, grants, VDOT
Sussex - 5	Continue to pursue a federal/state project to elevate I-95 bridge and widen channel at Stony Creek.	Public Safety	Medium	1, 2, 3, 7	Flooding	Ongoing	Staff, grants, VDOT
Sussex - 6	Develop GIS capabilities.	Public Safety	Medium	1, 2, 3, 5, 6, 7	All	Ongoing	Staff
Sussex - 7	Increase capacity of stormwater system in conjunction with towns of Wakefield and Waverly.	Public Safety	Medium	1, 2, 3, 7	Flooding	Ongoing	Staff, towns
Sussex - 8	Target FEMA's RL properties for specialized outreach and mitigation activities.	Public Safety	Low	1, 2	Flooding	Ongoing	Staff, grants
Sussex - 9	Work with the NWS to promote the "Turn Around, Don't Drown" public education campaign.	Public Safety	Medium	1, 2, 3, 7	Flooding	Ongoing	Staff
Sussex - 10	Work with VDOT to address at-risk roads as funding is available.	Public Safety	Medium	1, 2, 3, 7	Flooding	Ongoing	Staff, VDOT

Sussex County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Sussex - 11	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	Public Safety	Medium	1, 2, 4, 5, 7	All	Ongoing	FEMA Grants
Sussex - 12	Review locality's compliance with the NFIP with an annual review of the floodplain ordinances and any newly permitted activities in the 100-year floodplain.	Department of Planning and Zoning	Medium	1, 2	Flooding	Annually	Staff
Sussex - 13	Distribute brochures and use other means to educate the public regarding preparedness and mitigation. Conduct annual preparedness days for hazards to include floods, wind, and earthquakes.	Public Safety	Medium	1, 2 ,3	All	Ongoing	Staff
Sussex - 14	Request list from VDEM or VA DCR and conduct annual review of RL and SRL property list to ensure accuracy. Review will include verification of the geographic location of each RL property and determination if mitigated and by what means. Provide corrections if needed by filing form FEMA AW-501.	Department of Planning and Zoning	Low	1, 2	Flooding	Ongoing	Staff
Sussex - 15	Improve flood warning signage	Emergency Manager/VD OT	High	1, 2	Flooding	Ongoing	Grants
Sussex - 16	Support development of a tornado mitigation strategy with HUD	Sussex County; Towns	High	1, 2, 7	Wind	Ongoing	Staff, HUD, towns

Sussex County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Sussex - 17	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Staff
Stony Creek - 1	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	Mayor	Community did not respond to status update request.	1, 2, 4, 5, 7	All	Ongoing	Community did not respond to status update request.
Stoney Creek - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Community did not respond to status update request.
Wakefield - 1	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	Community did not respond to status update request.	Community did not respond to status update request.	1, 2, 4, 5, 7	All	Ongoing	Community did not respond to status update request.

Sussex County 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
	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						
Wakefield - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Community did not respond to status update request.
Waverly - 1	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	Community did not respond to status update request.	Community did not respond to status update request.	1, 2, 4, 5, 7	Ongoing	Ongoing	Community did not respond to status update request.
Waverly - 2	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as comprehensive plans and capital improvement plans.	Community did not respond to status update request.	Community did not respond to status update request.	1, 2	All	Ongoing	Community did not respond to status update request.

Richmond Regional PDC 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Regional - 1 (Richmond Regional PDC)	Leverage regional partnerships to better use their data to inform mitigation planning and project development.	PDC, State and Local staff	High	1, 2, 3,	All	Ongoing	Staff
Regional - 2 (Richmond Regional PDC)	Work with state partners and neighboring regions to expand planning efforts regarding regional strategy for incoming evacuees (topics to include traffic management, shelters, information sharing, etc.).	PDC, State and Local staff	Low	1, 2, 3, 4, 5	All	Ongoing	Staff, CVEMA, Grants
Regional - 3 (Richmond Regional PDC)	Continue to refine improve the quality and detail of data to prepare usable and effective hazard assessments and vulnerability analysis	PDC, Local GIS Managers	Low	1, 2, 3	All	Ongoing	Staff, Grants
Regional - 4 (Richmond Regional PDC)	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.	PDC, State and Local staff	Low	1, 2, 4, 5, 7	All	Ongoing	Staff, Grants
Regional - 5 (Richmond Regional PDC)	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as regional economic development, resiliency and transportation plans.	PDC staff	High	1, 2	All	Ongoing	Staff, Grants

Richmond Regional PDC 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Regional - 6 (Richmond Regional PDC)	Seek funding to support 2022 Richmond Regional - Crater PDC Hazard Mitigation Plan update and interim data upgrades and refinements	PDC staff	High	1, 2, 3	All	2020	Staff, Grants

Crater PDC 2017 - 2022 Mitigation Actions							
Number	Strategy	Responsible Department	Priority	Goals Supported	Hazards Addressed	Timeframe	Resources
Regional-1 (Crater)	Leverage regional partnerships (e.g., law enforcement) to better use their data to inform mitigation planning and project development.	Local Emergency Managers	High	1, 2, 3,	All	Ongoing	PDC staff
Regional-2 (Crater)	Work with state partners and neighboring regions to expand planning efforts regarding regional strategy for incoming evacuees (topics to include traffic management, shelters, information sharing, etc.).	Local Emergency Managers	Low	1, 2, 3, 4, 5	All	Ongoing	Local emergency planners
Regional - 3 (Crater)	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	Local governments, PDC staff	Low	1, 2, 4, 5, 7	All	Ongoing	Staff, grant funds
Regional - 4 (Crater)	Integrate mitigation plan requirements and actions into other appropriate planning mechanisms such as regional economic development, resiliency and transportation plans.	Localities	Medium	1, 2	All	Ongoing	Staff
Regional-3 (Crater)	Work with state partners and neighboring localities to monitor and implement Next Generation 911 GIS data standards.	PDC, Local GIS Managers	High	1, 2, 7	All	ongoing	Locality funding