### APPENDIX I - REGIONAL/STAKEHOLDERS

Status of Regional/Stakeholder Specific Mitigation Actions

Regional Infrastructure Maps

Plantation Pipeline Colonial Pipeline

Williams Gas Pipeline Transco Pipeline

Mid-Atlantic Broadband

Dam Inundation Zone Maps

Sandy River Reservoir (Bush River Dam #12) – Amelia County, Prince Edward County

## Status of Regional/Stakeholder Specific Mitigation Actions

**Regional Mitigation Actions** 

Trogramming and Troubles		
PD 14 Regional Mitigation Action 1	Design an early warning system for hazard events.	
Category:		Emergency Services
Hazard(s) Addressed:		Multiple
Priority (High, Moderate, Low):		Moderate/High
Estimated Cost:		Depends on type and size of system
Potential Funding Sources:		BRIC, HMGP, or USDA RD (with local matching funds)
Lead Agency/Department Responsible:		VDEM
Implementation Schedule:		Dependant on availability of funding
Status: No action taken – lack of funding/staff resources		

PD 14 Regional Mitigation Action 2	Conduct "Firewise" workshops throughout the region.	
Category:		Public Outreach and Education
Hazard(s) Addressed:		Wildfire
Priority (High, Moderate, Low):		Moderate
Estimated Cost:		Approximately \$200
Potential Funding Sources:		Department of Forestry grant, SHSP
Lead Agency/Department Responsible:		Old Dominion RC&D
Implementation Schedule:		Dependant on availability of funding, willingness of local groups
Status: No action taken – lack of funding/staff resources		

PD 14 Regional Mitigation Action 3	Education/PR campaign for: NFIP (CRS) Emergency Preparedness, Firewise, and all other hazards impacting the region identified in the plan.	
Category:		Public Education and Outreach
Hazard(s) Addressed:		Multiple
Priority (High, Moderate, Low):		Moderate
<b>Estimated Cost:</b>		Minimal
Potential Funding Sources:		VDEM (SHSP), Department of Forestry (Firewise), FEMA (NFIP)
Lead Agency/Department Responsible:		VDEM, Department of Forestry (Firewise), FEMA (NFIP)
Implementation Schedule:		Dependant on availability of funding, getting resources in place
Status: Initial activities underway. The CRC received a State Homeland Security grant in 2022 that included funds for a print media campaign and digital media campaign. Additional activities to be undertaken as funding allows.		

PD 14 Regional Mitigation Action 4	Find a location for a NOAA Weather Radio transmitter. (Currently the Piedmont Planning District localities are in a void area of weak to no radio coverage)	
Category:		Public Education and Awareness
Hazard(s) Addressed:		Multiple
Priority (High, Moderate, Low):		High
<b>Estimated Cost:</b>		\$60,000 - \$75,000
Potential Funding Sources:		Cost share among affected localities, BRIC, or HMGP grant (with local matching funds), SHSP
Lead Agency/Department Responsible:		National Weather Service – Wakefield
Implementation Schedule:		Dependent on availability of funding
Status: No action taken – lack of funding/staff resources		

PD 14 Regional Mitigation Action 5	Backup wireless connectivity to internet (with power backup at source).	
Category:		Emergency Services
Hazard(s) Addressed:		All
Priority (High, Moderate, Low):		Moderate
<b>Estimated Cost:</b>		Unknown at this time
Potential Funding Sources:		Cost share among localities, SHSP, BRIC or HMGP (with local matching funds)
Lead Agency/Department Responsible:		VDEM
Implementation Schedule:		Dependent on availability of funding
Status: No action taken – lack of funding/staff resources		

PD 14 Regional Mitigation Action 6	Development of Community Wildfire Protection Plan to address wildfire response, hazard mitigation, community preparedness, structural protection, and other issues for localities covered under this Plan	
Category:		Prevention/Emergency Services
Hazard(s) Addressed:		Wildfire
Priority (High, Moderate, Low):		Moderate/High
<b>Estimated Cost:</b>		Approx. \$50,000 - \$65,000
Potential Funding Sources:		BRIC or HMGP (with local matching funds), SHSP
Lead Agency/Department Responsible:		CRC, with support from participating localities and staff from the Virginia Department of Forestry, Virginia Department of Game and Inland Fisheries, and local state parks
Implementation Schedule:		Dependent on availability of funding
Status: Awaiting funding to implement		

PD 14 Regional New Mitigation Action	Identify vulnerable dam structures and implement infrastructure retrofit projects, to include measures that reduce risk to existing buildings, utility systems, roads, and bridges
Category	Emergency Services/Property Protection
Hazard(s) Addressed	Flooding, Earthquake, Erosion, Hurricanes, Impoundment Failure, Karst, Landslides, NonTornadic Wind, Wildfires, Winter Weather
Priority	High
<b>Estimated Cost</b>	To be determined based on project needs
<b>Potential Funding Sources</b>	DHS: HMGP, PDM, HHPD, FMA; USACE; Virginia CFPF
Lead Agency/ Department Responsible:	Local governments, SWCDs, DCR, VDEM
Implementation Schedule:	Dependent on availability of funding
Status: Seeking funding to implement	

PD 14 Regional New Mitigation Action	Conduct annual in-person education and outreach with local emergency managers, SWCD's, dam owners re: dam safety, reporting, testing
Category	Planning
Hazard(s) Addressed	Flooding, Earthquake, Erosion, Hurricanes, Impoundment Failure, Karst, Landslides, NonTornadic Wind, Wildfires, Winter Weather
Priority	High
<b>Estimated Cost</b>	Expected to be minimal, based on staffing needs
<b>Potential Funding Sources</b>	DHS: HMGP, PDM, SHSP, USACE; Virginia CFPF, DCR
Lead Agency/ Department Responsible:	CRC, DCR, VDEM
Implementation Schedule:	During (as part of) annual Plan review process
Status: Targeting start in Summer 2024	

# The following Mitigation Actions that have been identified to be $\underline{\text{removed}}$ from the plan

#### **Other Stakeholders**

Piedmont Geriatric Hospital/Virginia Center for Behavioral Rehabilitation (VCBR)

Piedmont Geriatric Hospital/VCBR Mitigation Action	Conduct a detailed needs assessment for the county's emergency response services.
Category:	Emergency Services
Hazard(s) Addressed:	Multiple
Priority (High, Moderate, Low):	Moderate/High
<b>Estimated Cost:</b>	\$10,000
Potential Funding Sources:	SHSP, BRIC or HMGP (with local matching funds)
Lead Agency/Department Responsible:	County Emergency Services Coordinator
Implementation Schedule:	Dependant on availability of funding
Status DEMOVE This stakeholder did not neuticinate in the support Dlen undete, or reach out to	

Status: REMOVE. This stakeholder did not participate in the current Plan update, or reach out to CRC staff or anyone on the Project Management Team regarding the status of this mitigation action.

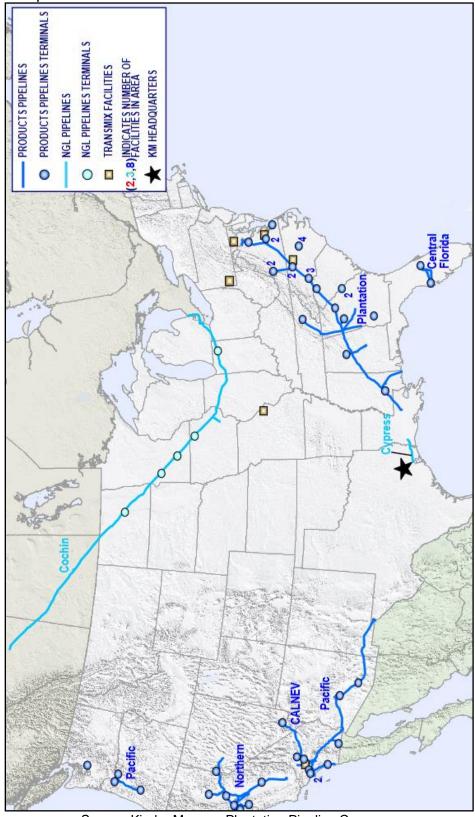
^	Require the burial of electrical, telephone and cable lines where appropriate.	
Category:	Structural Projects/Prevention	
Hazard(s) Addressed:	Multiple	
Priority (High, Moderate, Low):	Moderate/Low	
<b>Estimated Cost:</b>	\$100,000	
Potential Funding Sources:	BRIC or HMGP (with local matching funds), state funding if available	
Lead Agency/Department Responsible: Hospital or State		
Implementation Schedule:	Dependant on availability of funding	
Status: REMOVE. This stakeholder did not participate in the current Plan update, or reach out to CRC staff or anyone on the Project Management Team regarding the status of this mitigation action.		

-	Design/build water tanks or wells for use in times of water shortage/outage.
Category:	Prevention
Hazard(s) Addressed:	Drought
Priority (High, Moderate, Low):	Moderate
<b>Estimated Cost:</b>	\$100,000
<b>Potential Funding Sources:</b>	VDH-ODW or USDA RD
Lead Agency/Department Responsible: Hospital or State	
Implementation Schedule:	Dependant on availability of funding
Status: REMOVE. This stakeholder did not participate in the current Plan update, or reach out to CRC staff or anyone on the Project Management Team regarding the status of this mitigation action.	

### **Dillwyn Correctional Facility**

Dillwyn Correctional Facility Mitigation Action	Planning on evacuation needs to be better planned so no one is trapped on the road. This needs to be done by state management.	
Category:		Prevention
Hazard(s) Addressed:		Hurricane
Priority (High, Moderate, Low):		High/Moderate
<b>Estimated Cost:</b>		Employee time to revise SOP
Potential Funding Sources:		N/A
Lead Agency/Department Responsible:		State Department of Corrections, assistance from facility
Implementation Schedule:		Dependant on availability of funding, state agency
Status: REMOVE. This stakeholder did not participate in the current Plan update, or reach out to CRC staff or anyone on the Project Management Team regarding the status of this mitigation action.		

Dillwyn Correctional Facility Mitigation Action	Need more shelters in areas of business that operate 24 hours a day for the community and employees.	
Category:		Emergency Services
Hazard(s) Addressed:		Hurricane/Tornado
Priority (High, Moderate, Low):		Moderate/High
<b>Estimated Cost:</b>		\$100,000 to \$300,000
Potential Funding Sources:		BRIC, HMGP, or USDA RD (with required local matching funds)
Lead Agency/Department Responsible:		County E-911, assistance from facility
Implementation Schedule:		Dependant on availability of funding
Status: REMOVE. This stakeholder did not participate in the current Plan update, or reach out to CRC staff or anyone on the Project Management Team regarding the status of this mitigation action.		

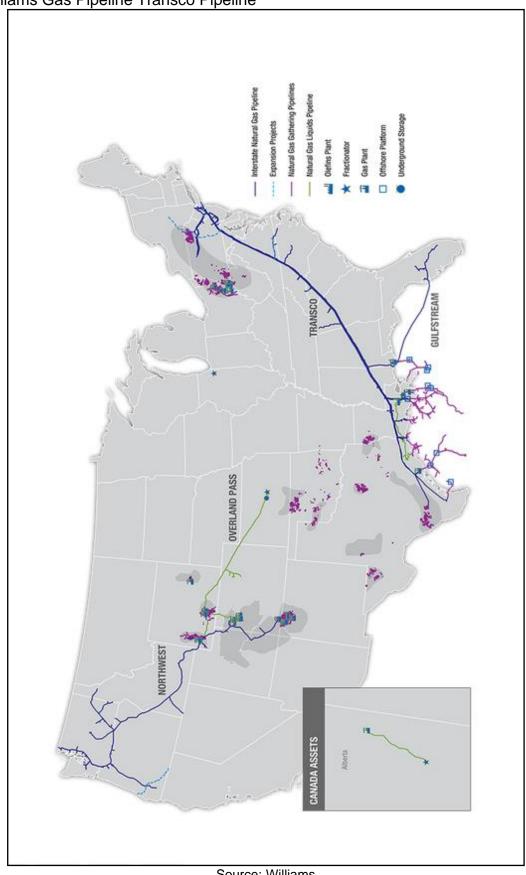


Source: Kinder Morgan, Plantation Pipeline Company <a href="http://www.kindermorgan.com/pages/business/products\_pipelines/plantation.aspx">http://www.kindermorgan.com/pages/business/products\_pipelines/plantation.aspx</a>

## Colonial Pipeline



Source: Colonial Pipeline Company <a href="http://www.colpipe.com/home/about-colonial/system-map">http://www.colpipe.com/home/about-colonial/system-map</a>



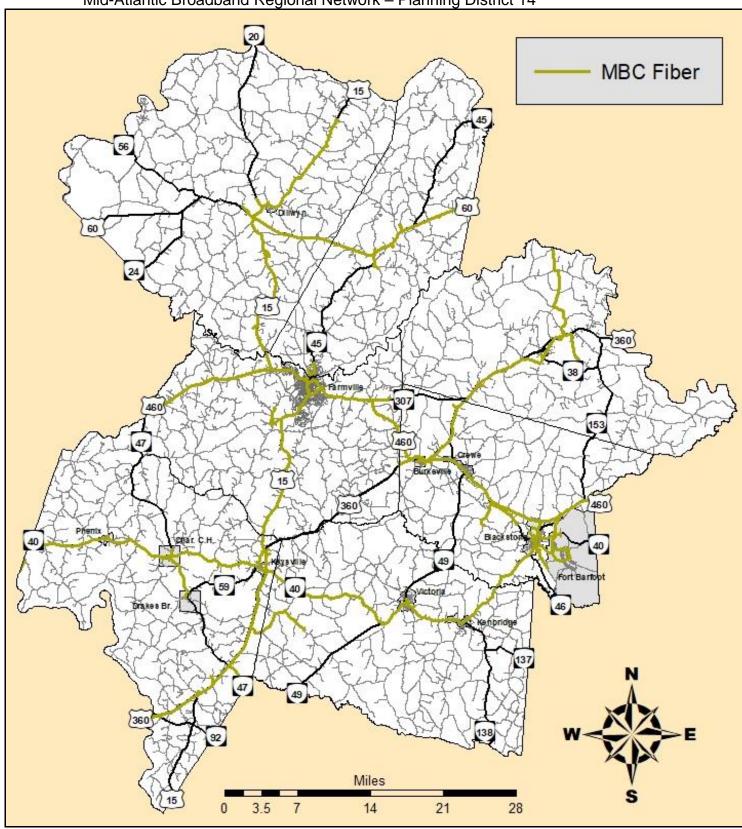
Source: Williams http://co.williams.com/operations/

Mid-Atlantic Broadband - Eastern U.S. Network Dave Keller, VP Sales & Business Development dave.keller@mbc-va.com www.mbc-va.com Virginia South Clarksville Hill Boston Keysville Raleigh Lynchburg Charlottesville, Danville Roanoke Martinsville Charlotte Christiansburg Wytheville Mid-Atlantic BROADBAND **Eastern US Network** Gate City Young Harris Atlanta

Source: Mid-Atlantic Broadband Communities Corporation http://www.mbc-va.com/network/

Mid-Atlantic Broadband - Virginia Network Mid-Atlantic BROADBAND Virginia Network

Source: Mid-Atlantic Broadband Communities Corporation http://www.mbc-va.com/network/



Map created by CRC – May 2023
Source: Mid-Atlantic Broadband Communities Corporation
<a href="http://www.mbc-va.com/network/">http://www.mbc-va.com/network/</a>

# Inundation Zone Maps – Sandy River Reservoir (Bush River Dam #12) (source: Schnabel Engineering)

