



Northern Neck Planning District Commission

Environmental Programs

Potomac Watershed Roundtable

October 11, 2024

Northern Neck PDC

Economic Development & Tourism

4 Counties of the lower Northern Neck for NNPDC – Lancaster, Northumberland, Richmond & Westmoreland

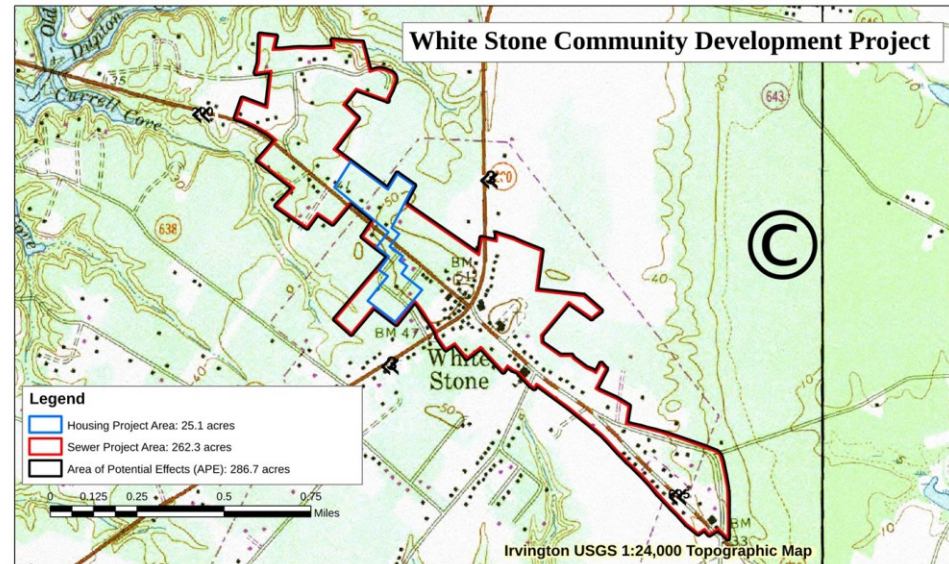
5 Counties (King George) for National Heritage Area Designation

- Northern Neck PDC is an Economic Development District
 - Required to maintain a current Comprehensive Economic Development Strategy (CEDS)
- Southeast Crescent Regional Commission (a 2008 Farm Bill initiative in 7 states) recognizes the NNPDC as a Local Development District
- Administration of the Northern Neck Enterprise Zone
- NNPDC is the Regional Economic Development Organization (REDO) recognized by the Virginia Economic Development Partnership (VEDP)
- Designated as a National Heritage Area with Northern Neck Tourism Commission as Coordinating Entity in 2023
 - Environmental conservation & responsible recreation



Northern Neck PDC Downtown Revitalization & Housing

- **Completed downtown revitalization projects in:**
 - Montross – Colonial Beach – Warsaw
 - Callao – White Stone
 - included environmental aspects & stormwater, such as creation of pond to mitigate flooding in downtown Warsaw
- **Completed 4 housing projects in 3 counties**
- **2 housing projects awarded Richmond County & Town of Warsaw**
- **Housing planning grants in progress in 2 counties**



This project was funded by the Northern Neck Planning District Commission and the Virginia Coastal Zone Management Program at the Department of Environmental Quality through Grant #NA15NOS4190164 of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.

Northern Neck PDC Broadband

- Regional effort resulting in > \$60 million pilot project for coverage of unserved areas in 6 counties (federal, state, local, and private investment)
- Partners: Dominion Power, Northern Neck Electric Cooperative, All Points Broadband

VATI announcement –
July 8, 2021, Warsaw



Northern Neck PDC

Other Programs

- *Rural Transportation Organization*
- *Commuter Assistance with DRPT*
- *Emergency Ambulance Services Revenue Recovery Board*



NNPDC staff acts as the billing agency on behalf of the counties to recoup emergency transport costs

- *Chesapeake Bay Region Cigarette Tax Board – 18 localities -*

Regional effort to assist participating counties and towns with local cigarette tax collection.

- *Technical Assistance/Grants Management*

Environmental Planning &
Assistance:

NNPDC is one of 8 PDCs
that are part of the Virginia
Coastal Zone Program,
funded by National
Oceanic & Atmospheric
Administration



Regional Water Supply Plan – led to Eastern VA Groundwater Management Area; bank of monitoring wells in cooperation w/ DEQ

Eastern Virginia Groundwater Management Area – limits economic development in the region

Septic & Well Assistance Program – Sewer connections, septic system and well installation program for income-qualified homeowners

Watershed Implementation Plan III – state initiative: achieve nutrient and sediment reductions needed to restore the Chesapeake Bay and its tidal tributaries

Septic tank pumpout program: DEQ-funded initiative to assist low-moderate income homeowners to comply with 5-year required pumpouts.

Coastal Zone Management Program – Water Trails, Signage, Working Waterfronts, Environmental Information –
<https://viriniawatertrails.org/>; <https://nnkgreen.org>.

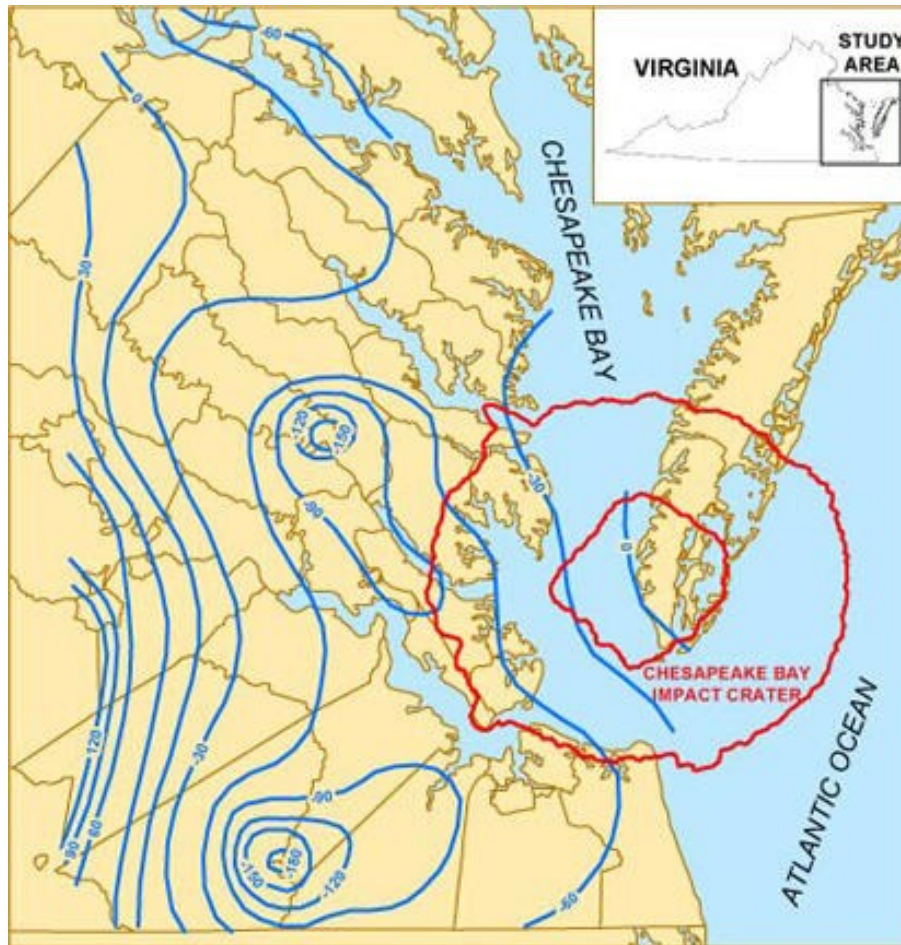
Hazard Mitigation & Resilience Plan: required as a sub-plan of the Emergency Operations Plan, along with Hazardous Materials Plan

Virginia Port Authority is funded a Phase 1 & 2 revision of Shallow-Draft Navigation Plan; 5 waterbodies identified for bathymetry work by VIMS for dredging

Resiliency Adaptation Feasibility Tool (RAFT) – Provided scorecard of resilience for participating localities. Followed by Regional Resilience Equity Workgroup with subgroups

Table 1. Average 2018-2022 Water Use Report -Withdrawals Modeled by City/County

City/County	Use Allocated to Model (MGD)	Use Allocated to Model (%)
Caroline	1.06	1.63%
Charles City	0.07	0.10%
Chesapeake	3.72	5.73%
Chesterfield	0.43	0.67%
Essex	0.45	0.70%
Franklin City	0.85	1.30%
Gloucester	0.64	0.98%
Greensville	0.01	0.01%
Hampton	0.12	0.19%
Hanover	0.47	0.72%
Henrico	0.01	0.02%
Isle of Wight	15.95	24.55%
James City	5.41	8.33%
King and Queen	0.04	0.06%
King George	1.30	1.99%
King William	16.95	26.10%
Lancaster	0.45	0.69%
Mathews	0.02	0.03%
Middlesex	0.28	0.43%
New Kent	0.98	1.51%
Newport News	0.23	0.35%
Norfolk	0.04	0.07%
Northumberland	0.33	0.50%
Petersburg	0.02	0.03%
Portsmouth	0.13	0.20%
Prince George	0.30	0.46%
Richmond	0.31	0.47%
Richmond City	0.00	0.00%
Southampton	3.33	5.13%
Spotsylvania	0.08	0.12%
Suffolk	6.74	10.38%
Surry	0.58	0.89%
Sussex	1.10	1.70%
Virginia Beach	0.15	0.23%
Westmoreland	0.97	1.49%
Williamsburg	1.06	1.63%
York	0.38	0.59%
TOTAL	64.95	100.00%



Virginia Coastal Plain Aquifer Analysis (USGS)

2019-2020 Northern Neck

Eastern VA Groundwater Usage

RAFT locality reports:

<https://raft.iem.virginia.edu/2019-2020-northern-neck>



Flood Hazard Mitigation Assistance Home Elevation Program

The process:



The outcome:



Funded by Virginia Department of Emergency Management through grants from the Federal Emergency Management Agency (under Department of Homeland Security)



BEFORE



AFTER



BEFORE



AFTER



Before Elevation



After Elevation



Thank you!



northernneck.us