

COASTAL RESILIENCE SUMMARY

NEW KENT COUNTY, VIRGINIA

Natural and Nature-Based Features (NNBFs)

Forests, trees, wetlands, beaches, and living shorelines benefit communities by reducing storm wave energy, soaking up floodwaters, improving water quality, providing areas for recreation, creating habitats for important plants and animals, and even lowering flood insurance costs. These **Natural and Nature-Based Features (NNBFs)** have been mapped for areas that are less than 10-feet in elevation, experience tidal and storm flooding, and include buildings at risk. *(All numbers are approximate.)*



MAP: New Kent coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in New Kent Coastal Areas

11,320 acres All Coastal NNBFs, including:



4,844 acres Tidal Marsh



3,704 acres Forested Wetland



1,940 acres Wooded



609 acres Emergent Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in New Kent



2,545 acres of NNBFs that decrease flooding risks for buildings



11,310 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



12,945 acres of NNBFs potentially eligible for FEMA Community Rating System credits (100-ft RPA buffer and wetlands located within 100-year flood zones)

Coastal Area Facts

for areas less than 10-ft elevation

9% of New Kent area (12,417 acres)

428 coastal buildings

0 critical facilities

2 coastal buildings without NNBF benefits

0 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of New Kent County

12,796 acres of RPA buffer

388 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF



To learn more: www.vims.edu/ccrm/nbf