

COASTAL RESILIENCE SUMMARY

CITY OF COLONIAL HEIGHTS, 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: Colonial Heights coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Colonial Heights Coastal Areas

594 acres All Coastal NNBFs, including:



286 acres Forested Wetland



167 acres Wooded



108 acres Tidal Marsh



15 acres Emergent Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Colonial Heights



<1 acres of NNBFs that decrease flooding risks for buildings



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



397 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

13% of Colonial Heights area (610 acres)

0 coastal buildings

0 critical facilities

0 coastal buildings without NNBF benefits

0 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of City of Colonial Heights

451 acres of RPA buffer

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



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