

1954 - Town of Colonial Beach- Public Stormwater Infrastructure Asset Inventory & Assessment

Review Details

Funding Opportunity:	1448-Virginia Community Flood Preparedness Fund - Study Grants - CY23 Round 4
Program Area:	Virginia Community Flood Preparedness Fund
Application Status:	Under Review
Stage:	
Organization:	WESTMORELAND COUNTY
Applicant:	J. C. LaRiviere
Internal Status:	
Round:	1
Reviewer:	Karyn Reid
Type:	Internal
Role:	Primary
Review Status:	Submitted
Submitted Date:	Nov 30, 2023 11:22 AM
Score:	5.00

Studies Grant Scoring - Round 4

Eligibility and Scoring

Eligibility

Is the applicant a local government (including counties, cities, towns, municipal corporations, authorities, districts, commissions, or political subdivisions created by the General Assembly or pursuant to the Constitution or laws of the Commonwealth, or any combination of these)?

Yes = Eligible for consideration

No = Not eligible for consideration

Local Government*: Yes

Does the local government have an approved resilience plan and has provided a copy or link to the plan with this application?

Yes = Eligible for consideration under all categories

No = Eligible for consideration for studies, capacity building, and planning only

Resilience Plan*: No

If the applicant is not a town, city, or county, are letters of support from all affected local governments included in this application?

Yes = Eligible for consideration

No = Not eligible for consideration

Letters of Support*: N/A

Has this or any portion of this project been included in any application or program previously funded by the Department?

Yes = Not eligible for consideration

No = Eligible for consideration

Previously Funded*: Yes

Has the applicant provided evidence of an ability to provide the required matching funds?

Yes = Eligible for consideration

No = Not eligible for consideration

N/A = Match not required

Required Matching Funds*: No

Project Eligible for Consideration*: No

Eligibility Comments:

This application indicates that this or any portion of this project has not been included in any application or program previously funded by the Department. A Capacity Building/Planning application requesting \$112,500 with a total project cost of \$125,000 for hiring new floodplain staff and developing a Resilience Plan (<https://www.dcr.virginia.gov/dam-safety-and-floodplains/document/CFPF-21-02-21-CID510172-ColonialBeachTown-CFPF.pdf>) was submitted in 2021. \$103,500 from the Fund was awarded to the 2021 application.

This application's budget narrative states "The current contract for the Town's resilience plan and phase I of the stormwater management plan is for \$312,500. Town leadership is incredibly grateful for the \$103,500 funded by CFPF in 2021, and the Town has committed \$209,000 in additional funding for that project. From this lens, the Town has far exceeded the matching requirements for the application funded previously and the current funding request. In addition, the dedication of this amount of funding for a locality of this size with a small operating budget should demonstrate the powerful commitment the Town has made to becoming the most resilient community it can be, while providing a model for other small coastal localities. In sum, the Town requests that DCR consider the connection between these projects for the purposes of scoring this application and subsequently determining match requirements should an award be offered."

The 2021 application's reduced awarded amount of \$103,500 from the Fund would have required a 10% local match of \$10,350. The quote above states that an additional \$209,000 was dedicated to the resilience plan and phase I of the stormwater master plan. This dedication would have exceeded the \$10,350 local match requirement by \$198,650. The exceed match requirement seems to be the source for this application's matching funds. No match waiver was requested.

The 2021 application references "the asset assessment phase of this project" which would assess the feasibility of a stormwater management fee. There are no other mentions of phasing, or any form of a phasing strategy/timeline related to the stormwater management plan within the 2021 application. As such, there was no clear indication that the project was to be completed in phases.

Scoring - Eligible Studies (Select all that apply)

Revising floodplain ordinances to maintain compliance with the NFP or to incorporate higher standards that may reduce the risk of flood damage. This must include establishing processes for implementing the ordinance, including but not limited to, permitting, record retention, violations, and variances. This may include revising a floodplain ordinance when the community is getting new Flood Insurance Rate Maps (FIRMs), updating a floodplain ordinance to include floodplain setbacks or freeboard, or correcting issues identified in a Corrective Action Plan.

(If Yes - 30 Points | If No - 0 Points)

Revising Floodplain Ordinances*: No

Creating tools or applications to identify, aggregate, or display information on flood risk or creating a crowd-sourced mapping platform that gathers data points about real-time flooding. This could include a locally or regionally based web-based mapping product that allows local residents to better understand their flood risk.

(If Yes - 25 Points | If No - 0 Points)

Mapping Platform*: No

Conducting hydrologic and hydraulic studies of floodplains. Applicants who create new maps must apply for a Letter of Map Revision or a Physical Map Revision through the Federal Emergency Management Agency (FEMA).

(If Yes - 15 Points | If No - 0 Points)

Hydrologic and Hydraulic Studies*: No

Studies and Data Collection of Statewide and Regional Significance. Funding of studies of statewide and regional significance and proposals will be considered for the following types of studies:

Updating precipitation data and IDF information (rain intensity, duration, frequency estimates) including such data at a sub-state or regional scale on a periodic basis.

(If Yes - 45 | If No - 0)

Updating Precipitation Data and IDF Information*: No

Regional relative sea level rise projections for use in determining future impacts.

(If Yes - 45 Points | If No - 0 Points)

Projections*: No

Vulnerability analysis either statewide or regionally to state transportation, water supply, water treatment, impounding structures, or other significant and vital infrastructure from flooding.

(If Yes - 45 Points | If No - 0 Points)

Vulnerability Analysis*: No

Flash flood studies and modeling in riverine regions of the state.

(If Yes - 45 Points | If No - 0 Points)

Flash Flood Studies*: No

Statewide or regional stream gauge monitoring to include expansion of existing gauge networks.

(If Yes - 45 Points | If No - 0 Points)

Stream Gauge Monitoring*: No

New or updated delineations of areas of recurrent flooding, stormwater flooding, and storm surge vulnerability in coastal areas that include projections for future conditions based on sea level rise, more intense rainfall events, or other relevant flood risk factors.

(If Yes - 45 Points | If No - 0 Points)

Delineations of Areas of Recurrent Flooding*: No

Regional flood studies in riverine communities that may include watershed-scale evaluation, updated estimates of rainfall intensity, or other information.

(If Yes - 50 Points | If No - 0 Points)

Regional Flood Studies*: No

Regional Hydrologic and Hydraulic Studies of Floodplains

(If Yes - 45 Points | If No - 0 Points)

Regional Hydrologic and Hydraulic Studies of Floodplains*: No

Studies of potential land use strategies that could be implemented by a local government to reduce or mitigate damage from coastal or riverine flooding.

(If Yes - 40 Points | If No - 0 Points)

Potential Land Use Strategies*: No

Other proposals that will significantly improve protection from flooding on a statewide or regional basis.

(If Yes - 35 Points | If No - 0 Points)

Other Proposals*: No

Is the project area socially vulnerable? (based on [ADAPT Virginia's Social Vulnerability Index Score](#))

Social Vulnerability Scoring:

Very High Social Vulnerability (More than 1.5) - 10 Points

High Social Vulnerability (1.0 to 1.5) - 8 Points

Moderate Social Vulnerability (0.0 to 1.0) - 5 Points

Low Social Vulnerability (-1.0 to 0.0) - 0 Points

Very Low Social Vulnerability (Less than -1.0) - 0 Points

Socially Vulnerable Scoring*: Moderate Social Vulnerability (0.0 to 1.0)

Is the proposed project part of an effort to join or remedy the community's probation or suspension from the NFIP?

(If Yes - 5 Points | If No - 0 Points)

NFIP*: No

Is the proposed project in a low-income geographic area as defined below?

"Low-income geographic area" means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

(If Yes - 10 Points | If No - 0 Points)

Low-Income Geographic Area*: Yes

Projects eligible for funding may also reduce nutrient and sediment pollution to local waters and the Chesapeake Bay and assist the Commonwealth in achieving local and/or Chesapeake Bay TMDLs.

Does the proposed project include implementation of one or more best management practices with a nitrogen, phosphorus, or sediment reduction efficiency established by the Virginia Department of Environmental Quality or the Chesapeake Bay Program Partnership in support of the Chesapeake Bay TMDL Phase III Watershed Implementation Plan?

(If Yes - 5 Points | If No - 0 Points)

Reduction of Nutrient and Sediment Pollution*: No

Scoring Comments:

The scope of work does not mention conducting hydrologic and/or hydraulic studies.

The scope of work states that "The goal of the study is to equip the Town with data regarding location and condition of all public stormwater infrastructure and to use that data in conjunction with precipitation and flood modeling." which implies no updated precipitation data or IDF information, no new sea level rise projections, no new flash flood studies are anticipated to be created. Flood modeling is mentioned but flash flood modeling specifically is not addressed. The study is limited to the impacts on the Town's stormwater infrastructure.

The proposed study area does not satisfy the "Updating Precipitation Data and IDF Information" or "Projections" requirement for a regional scale study.

The scope of work also does not mention any plans for new or updated delineations nor studies of potential land use strategies.



The Town of Colonial Beach meets the definition of a "Low-income geographic area" with a median household income in Westmoreland County of \$53,113, which is 65% of the state median household income (\$80,615).

This application receives a total score of 5 points for moderate social vulnerability.

Project Total Score*: 5

Special Conditions: