# 2643 - Accotink Creek Floodplain Alternatives Study (CID515524_CityofFairfax_CFPF-1)

## Application Details

**Funding Opportunity:**

2337-Virginia Community Flood Preparedness Fund - Study Grants - CY24 Round 5

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|---|---|
| **Program Area:** | Virginia Community Flood Preparedness Fund |
| **Application Status:** | Under Review |
| **Stage:** | Final Application |
| **Organization:** | Kimley-Horn |
| **Applicant:** | Jared Hodes |
| **Internal Status:** | |
| **Initial Submit Date:** | Jan 24, 2025 6:56 PM |
| **Initially Submitted By:** | Jared Hodes |
| **Last Submit Date:** | |
| **Last Submitted By:** | |

# Karyn Reid

## Review Details

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|---|---|
| **Round:** | 1 |
| **Reviewer:** | Karyn Reid |
| **Type:** | Internal |
| **Role:** | Primary |
| **Review Status:** | Submitted |
| **Submitted Date:** | Feb 7, 2025 12:27 PM |
| **Score:** | **1350899.28** |

## 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*:**      Yes

**If the applicant is <u>not a town, city, or county</u>, 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*:**      No

**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*:**      Yes

**Project Eligible for Consideration*:**      Yes

**Eligibility Comments:**

## Scoring - Eligible Studies (Select all that apply)

**Revising floodplain ordinances to maintain compliance with the NFIP 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*:**      Yes

**Funding of studies of statewide and regional significance and proposals will be considered for the studies listed below - Up to 45 points**
**Studies and Data Collection of Statewide and Regional Significance Scoring:**

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. (45)

Regional relative sea level rise projections for use in determining future impacts. (45)

Vulnerability analysis either statewide or regionally to state transportation, water supply, water treatment, impounding structures, or other significant and vital infrastructure from flooding. (45)

Flash flood studies and modeling in riverine regions of the state. (45)

Statewide or regional stream gauge monitoring to include expansion of existing gauge networks. (45)

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. (45)

Regional flood studies in riverine communities that may include watershed scale evaluation, updated estimates of rainfall intensity, or other information. (45)

Regional hydrologic and hydraulic studies of floodplains. (45)

Studies of potential land use strategies that could be implemented by a local government to reduce or mitigate damage from coastal or riverine flooding. (40)

Other proposals that will significantly improve protection from flooding on a statewide or regional basis (35)

**Studies and Data Collection of Statewide and Regional Significance*:**

**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

**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*:**     No

**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

**Study - Rep Loss Properties*:**     4.00

**Study - Count Total Rep Losses*:**     10.00

**Study - Total All Losses*:**     952081.00

**Study - Reviewer Project Description*:**

Flood Hazard Assessment and Mitigation Study of a section of Accotink Creek

**Scoring Comments:**

**Special Conditions 1:**

**Special Conditions 2:**

**Special Conditions 3:**

**Special Conditions 4:**

**Special Conditions 5:**

| | |
|---|---|
| **Approval Decision*:** | Yes |
| **Recommended CFPF Amount*:** | 99674.82 |
| **Recommended Match Amount*:** | 99674.82 |
| **Recommended Total Amount*:** | 199349.64 |

# Brandy Buford

## Review Details

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| **Round:** | 2 |
| **Reviewer:** | Brandy Buford |
| **Type:** | Internal |
| **Role:** | Primary |
| **Review Status:** | Submitted |
| **Submitted Date:** | Feb 21, 2025 4:47 PM |
| **Score:** | **0.00** |

## Studies Review - Floodplain Manager 1 - Round 4

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### *Capacity Building & Planning - Floodplain Manager Review 1 - Round 4*

Select "Approved" to move application to next round as approved.

Select "Denied" to move application to next round as denied.

**Approved Application:*:**          Approved

Comments

**Comments:**

Attach relevant documents if necessary

**Attachments:**