

# DICKENSON COUNTY BOARD OF SUPERVISORS

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**WILLIAM J. STURGILL**

Of Counsel/Economic Development Advisor to the Board  
**CLARENCE E. "BUD" PHILLIPS**

P.O. Box 1098, Clintwood, VA 24228  
Telephone: (276) 926-1676  
Fax: (276) 916-1649



818 Happy Valley Drive, Clintwood, VA

Ms. Wendy Howard-Cooper  
Division Director  
Virginia Department of Conservation and Recreation  
600 East Main St.  
Richmond, VA 23219

Re: Application for the 2022 Virginia Community Flood  
Preparedness Fund.

Dear Ms. Howard-Cooper

Dickenson County is pleased to submit an application for the 2022 Virginia Community Flood Preparedness Fund.

In our proposal, we have outlined:

- I. Scope of Project**
- II. An abundance of expertise to complete this project.**
- III. That Dickenson County has the resources to maintain accurate records and provide information to the appropriate officials.**

We look forward to an opportunity to share with you in more detail our ideas for making your project a success.

Sincerely yours,

Larry Barton  
Dickenson County Administrator

# Appendix A: Application Form for Grant Requests for All Categories

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Virginia Department of Conservation and Recreation  
Virginia Community Flood Preparedness Fund Grant Program

**Name of Local Government:**

Dickenson County Virginia

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**Category of Grant Being Applied for (check one):**

Capacity Building/Planning

Project

Study

NFIP/DCR Community Identification Number (CID) 510253

If a state or federally recognized Indian tribe, Name of tribe No

Name of Authorized Official: Larry Barton

Signature of Authorized Official: 

Mailing Address (1): 818 Happy Valley Dr.

Mailing Address (2): P.O. Box 1098

City: Clintwood State: Virginia Zip: 24228

Telephone Number: (276) 926-1675 Cell Phone Number: (276) 345-2052

Email Address: lbarton@dickensonva.org

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Contact Person (If different from authorized official): Chris Rakes

Mailing Address (1): 818 Happy Valley Dr.

Mailing Address (2): P. O. Box 733

City: Clintwood State: Virginia Zip: 24228

Telephone Number: (276) 926-1673 Cell Phone Number: (276) 365-6336

Email Address: crakes@dickensonva.org

Is the proposal in this application intended to benefit a low-income geographic area as defined in the Part 1 Definitions? Yes  No

Categories (select applicable project):

Project Grants (Check All that Apply)

- Acquisition of property (or interests therein) and/or structures for purposes of allowing floodwater inundation, strategic retreat of existing land uses from areas vulnerable to flooding; the conservation or enhancement of natural flood resilience resources; or acquisition of structures, provided the acquired property will be protected in perpetuity from further development.
- Wetland restoration.
- Floodplain restoration.
- Construction of swales and settling ponds.
- Living shorelines and vegetated buffers.
- Structural floodwalls, levees, berms, flood gates, structural conveyances.
- Storm water system upgrades.
- Medium and large scale Low Impact Development (LID) in urban areas.
- Permanent conservation of undeveloped lands identified as having flood resilience value by *ConserveVirginia* Floodplain and Flooding Resilience layer or a similar data driven analytic tool.
- Dam restoration or removal.
- Stream bank restoration or stabilization.
- Restoration of floodplains to natural and beneficial function.
- Developing flood warning and response systems, which may include gauge installation, to notify residents of potential emergency flooding events.

**Study Grants (Check All that Apply)**

- Studies to aid in updating 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.
- Revising other land use ordinances to incorporate flood protection and mitigation goals, standards and practices.
- 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). For example, a local government might conduct a hydrologic and hydraulic study for an area that had not been studied because the watershed is less than one square mile. Modeling the floodplain in an area that has numerous letters of map change that suggest the current map might not be fully accurate or doing a detailed flood study for an A Zone is another example.
- Studies and Data Collection of Statewide and Regional Significance.
- Revisions to existing resilience plans and modifications to existing comprehensive and hazard.
- Other relevant flood prevention and protection project or study.

**Capacity Building and Planning Grants**

- Floodplain Staff Capacity.
- Resilience Plan Development
  - Revisions to existing resilience plans and modifications to existing comprehensive and hazard mitigation plans.
  - Resource assessments, planning, strategies and development.
    - Policy management and/or development.
    - Stakeholder engagement and strategies.

**Center to Northeastern part of**

**Location of Project (Include Maps): Dickenson County VA "see project map"**

**NFIP Community Identification Number (CID#):(See appendix F 510253)**

Is Project Located in an NFIP Participating Community?  Yes  No

Is Project Located in a Special Flood Hazard Area?  Yes  No

Flood Zone(s) (If Applicable): A & AE

Flood Insurance Rate Map Number(s) (If Applicable): 51051C0145 D

Total Cost of Project: \$ 2,232,415.00

Total Amount Requested \$ 2,232,415.00

## Appendix B: Scoring Criteria for Flood Prevention and Protection Projects

Virginia Department of Conservation and Recreation  
Virginia Community Flood Preparedness Fund Grant Program

<b>Applicant Name:</b>		
<b>Eligibility Information</b>		
Criterion	Description	Check One
<b>1. 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)?</b>		
Yes	Eligible for consideration	✓
No	Not eligible for consideration	
<b>2. Does the local government have an approved resilience plan and has provided a copy or link to the plan with this application?</b>		
Yes	Eligible for consideration under all categories	✓
No	Eligible for consideration for studies, capacity building, and planning only	
<b>3. 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?</b>		
Yes	Eligible for consideration	✓
No	Not eligible for consideration	
<b>4. Has this or any portion of this project been included in any application or program previously funded by the Department?</b>		
Yes	Not eligible for consideration	
No	Eligible for consideration	✓
<b>5. Has the applicant provided evidence of an ability to provide the required matching funds?</b>		
Yes	Eligible for consideration	
No	Not eligible for consideration	
N/A	Match not required	✓
	<b>Match waiver applied for.</b>	

Project Eligible for Consideration		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Applicant Name:	Dickenson County Virginia		
Scoring Information			
Criterion	Point Value	Points Awarded	
<b>6. Eligible Projects (Select all that apply)</b>			
Projects may have components of both 1.a. and 1.b. below; however, only one category may be chosen. The category chosen must be the primary project in the application.			
1.a. Acquisition of property consistent with an overall comprehensive local or regional plan for purposes of allowing inundation, retreat, or acquisition of structures.	50	50	
<input checked="" type="checkbox"/> Wetland restoration, floodplain restoration <input checked="" type="checkbox"/> Living shorelines and vegetated buffers. <input type="checkbox"/> Permanent conservation of undeveloped lands identified as having flood resilience value by <i>ConserveVirginia</i> Floodplain and Flooding Resilience layer or a similar data driven analytic tool <input type="checkbox"/> Dam removal <input checked="" type="checkbox"/> Stream bank restoration or stabilization. <input checked="" type="checkbox"/> Restoration of floodplains to natural and beneficial function. <input type="checkbox"/> Developing flood warning and response systems, which may include gauge installation, to notify residents of potential emergency flooding events.	45	45	
1.b. any other nature-based approach	40		
All hybrid approaches whose end result is a nature-based solution	35		
All other projects	25		
<b>7. Is the project area socially vulnerable? (Based on <a href="#">ADAPT VA's Social Vulnerability Index Score.</a>)</b>			
Very High Social Vulnerability (More than 1.5)	15		
High Social Vulnerability (1.0 to 1.5)	12		
Moderate Social Vulnerability (0.0 to 1.0)	8	8	
Low Social Vulnerability (-1.0 to 0.0)	0		
Very Low Social Vulnerability (Less than -1.0)	0		
<b>8. Is the proposed project part of an effort to join or remedy the community's probation or suspension from the NFIP?</b>			

Scoring Criteria Projects 2-B

Yes	10	
No	0	0
<b>9. Is the proposed project in a low-income geographic area as defined in this manual?</b>		
Yes	10	10
No	0	
<b>10. 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?</b>		
Yes	5	5
No	0	
<b>11. Does this project provide "community scale" benefits?</b>		
Yes	20	20
No	0	
<b>Total Points</b>		<b>138</b>



## Appendix D: Checklist All Categories

Virginia Department of Conservation and Recreation

Community Flood Preparedness Fund Grant Program

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Scope of Work Narrative	
Supporting Documentation	Included
Detailed map of the project area(s) (Projects/Studies)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
FIRMette of the project area(s) (Projects/Studies)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Historic flood damage data and/or images (Projects/Studies)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
A link to or a copy of the current floodplain ordinance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Non-Fund financed maintenance and management plan for project extending a minimum of 5 years from project close	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
A link to or a copy of the current hazard mitigation plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
A link to or a copy of the current comprehensive plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Social vulnerability index score(s) for the project area from <a href="#">ADAPT VA's Virginia Vulnerability Viewer</a>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If applicant is not a town, city, or county, letters of support from affected communities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Completed Scoring Criteria Sheet in Appendix B, C, or D	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Budget Narrative	
Supporting Documentation	Included
Authorization to request funding from the Fund from governing body or chief executive of the local government	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Signed pledge agreement from each contributing organization	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

## Table of Contents

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- 1 Scope of Project
- 2 Experience with prior grants
- 3 Qualifications and experience of the individual leading this project
- 4 Ability to maintain accurate records and provide information to appropriate officials
- 5 Maps and data related to the Virginia Community Flood Preparedness Fund

## Scope of Project

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Dickenson County proposes to provide improvements to the floodplain areas along the Russell Fork River and Lick Creek Special Flood Hazard A and/or AE zones. Dickenson County will work to achieve our goals that are within the Dickenson County Flood Resilience Plan. This project will work separately from the U. S. Army Corps of Engineers 202 “USACE 202 program” program that is currently underway. To be eligible for the USACE 202 program qualifying properties must have the lowest living floor at or below the level of the 1977 flood and occupied. Since within the project area the 1977 flood level is 2 feet higher than the 1% annual flood chance, many homes do not qualify for the 202 program. This grant will target those houses along with houses that have unsuitable foundations. All items within this project will be conducted under the requirements of the Dickenson County’s Floodplain Ordinance along with State and Federal regulations. These improvements will be as follows:

- 1 Acquire properties which may cause an increased flood impact and are within the Special Flood Hazard A or AE zones through voluntary acquisition. See the map of the project area.
  - a. Demolish acquired properties after the required asbestos testing and possible asbestos abatement.
  - b. Remove all debris from site along with outbuildings.
  - c. Fill in foundations and basements with material for site if possible, preventing any elevation of the ground surface.
  - d. Plant grasses and other native vegetation. Approximately 100 feet away for the ordinary high water mark we intend on planting perennial vegetation that will also serve as a food source for the native wildlife.
- 2 Where feasible and where the cost is less than the acquisition cost, flood proof the structures. Where elevation is used or any elevation is established it will consist of, FEMA Base Flood Elevation or the April 1977 flood elevation whichever is greater, plus an additional 1 foot Freeboard.
  - a. Elevate structures on a reinforced engineered foundation with flood openings meeting or exceeding the FEMA Technical Bulletin 1, 2 & 11 requirements.
  - b. Elevate all mechanical and HVAC equipment.
  - c. Provide safe, code approved access to the elevated property.
- 3 Where land is acquired either through USACE acquisition or through the Virginia Community Flood Preparedness Fund. Also where landowners give permission to access the river banks across their properties.
  - a. Perform streambank restoration as needed, removing falling trees and debris that would endanger proper river flow in the event of a heavy rains or flooding.
  - b. Without getting equipment into the river, remove debris and items that will constrict natural water flow. This will be conducted only after receiving approval from USACE and Virginia Fish & Wildlife Services. Relocation of the Big Sandy

- Crayfish (*Cambarus callainus*) may be required within some areas, but this disturbance will be kept to a minimum.
- c. Remove berms or other obstructions that may prevent or slow flood waters from entering these areas. This will allow for the flood waters to have additional storage.
  - d. Plant native vegetation as needed along the river bank to stabilize eroding soils.
  - e. Approximately 100 feet away from the ordinary high water mark we intend on planting perennial vegetation that will also serve as a food source for the native wildlife.
- 4 Abandoned structures the owners are unreachable or unresponsive, Dickenson County may invoke our Ordinance to Compel the Repair or Removal of Buildings “Ordinance Book 1 Page 753”.
- a. Demolish derelict properties after the required asbestos testing and possible asbestos abatement.
  - b. Remove all debris from site along with unstable outbuildings.
  - c. Fill in foundations and basements with material for site if possible, preventing any elevation of the ground surface.
  - d. Plant grasses and other native vegetation.
  - e. If access is obtained to the river banks, perform item #3 Streambank restoration.

Dickenson County’s Floodplain Ordinance:

<https://dickensonva.org/DocumentCenter/View/2505/Dickenson-County-Virginia-Floodplain-Ordinance-2020>

USACE 202 Source: <https://www.lrh.usace.army.mil/Missions/Dickenson-County/>

Additional USACE 202 Source: <http://dcva.link/corp>

USACE General Plan Nonstructural Project Appendix V Dickenson County, Virginia Levisa Fork Basin Source:

<http://dcva.link/vol1>

<http://dcva.link/vol2>

<http://dcva.link/vol3>

<http://dcva.link/vol4>

<http://dcva.link/vol5>

<http://dcva.link/vol6>

Ordinance Book 1 Page 753 Source: <http://dcva.link/ord>

Dickenson County Flood Resilience Plan Link: <http://dcva.link/resplan>

## Experience with prior grants

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Dickenson County has vast experience with different types of grants. We have successfully completed multimillion dollar grants with combined funding sources such as ARC, DHCD, Rural Development, AML, etc. Several of these grants involved in working in and around rivers and streams.

## Qualifications and experience of the individuals leading this project

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Dickenson County staff will work closely with the Virginia Department of Conservation and Recreation and others contracted as needed to help administrator this program. We will coordinate tasks and avoid duplication of staff and services. Our availability of person-power enables our County to assign quality people to the task consistently from project start to final close out. Our employee that will be heading up this project is Chris Rakes see his bio below:

### **Larry K. Barton, CPA – County Administrator**

Mr. Barton has been employed for Dickenson County for 1 ½ years. As County Administrator, he is responsible for all day-to-day activities of the County, including budget, economic development, grant administration, and supervision of staff.

Mr. Barton has been a Certified Public Accountant for the past 21 years, and has spent his career in finance and administration. Before becoming the County Administrator for Dickenson County, Mr. Barton served 5 years as Chief Financial Officer for Dickenson County Public Schools and worked 24 years in private industry before that.

### **Chris Rakes — Building Official / Erosion and Control Specialist**

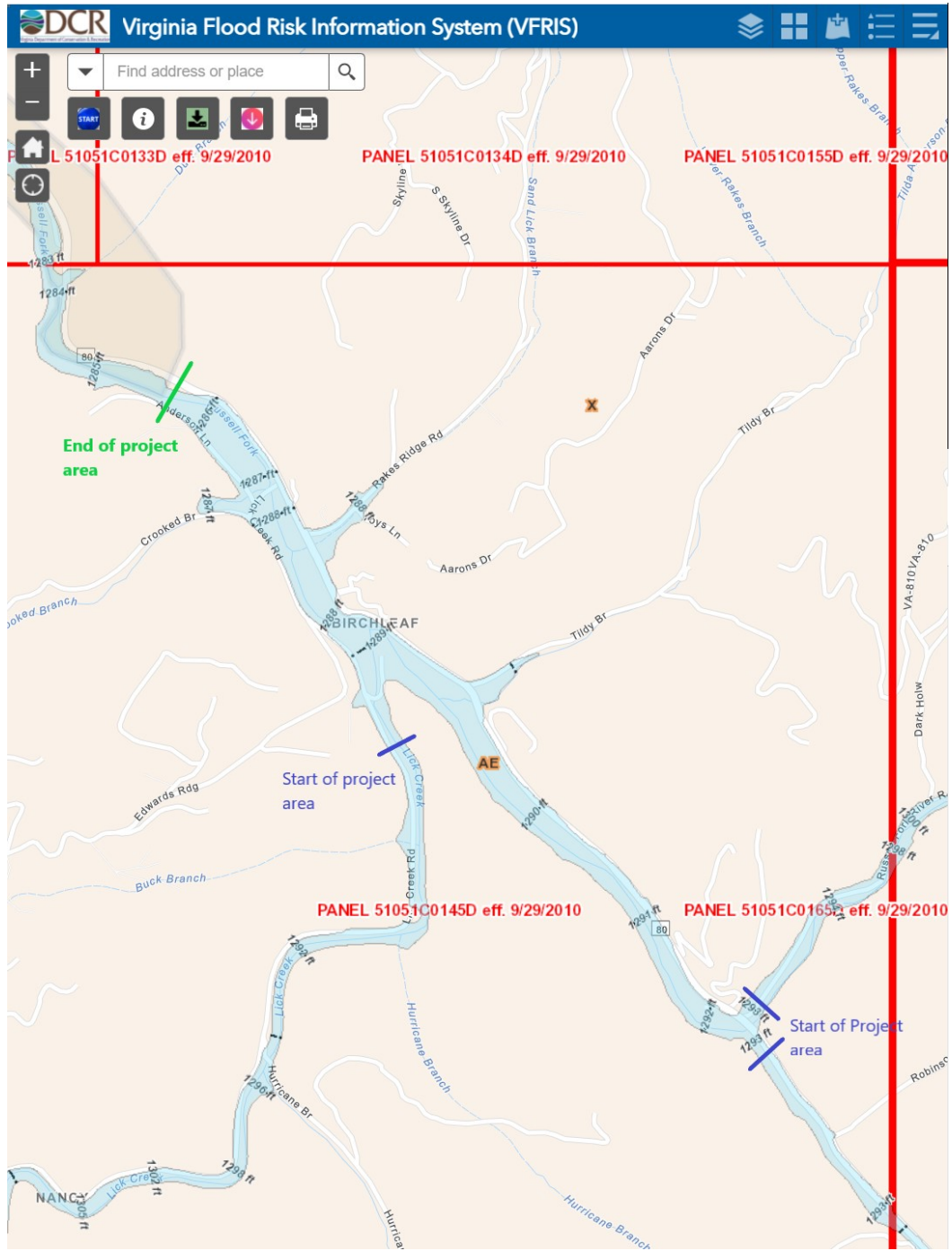
Mr. Rakes has been employed with Dickenson County for 6 years. He is Dickenson County's Certified Building Official, Certified Erosion and Sediment Control Combined Administrator. Before becoming the Building Official for Dickenson County, Mr. Rakes worked for 23 years as for a Non-Profit organization and 10 years as a licensed contractor before that. He is a Certified Floodplain Manager, Certified Erosion & Sediment Control Administrator and a Certified Building Official. He is a Virginia Licensed Asbestos Inspector and performs asbestos testing on Dickenson County properties.

## Ability to maintain accurate records and provide information to appropriate officials

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Dickenson County has a very capable staff to ensure that accurate records are maintained and that information is provided to the appropriate officials in an accurate, timely basis. We have worked with many grants over the years from various funding agencies, and have experience in this field. Mr. Barton will be overseeing the project finances, and has a staff of 4 in his office that are well versed in grant administration.

# Maps

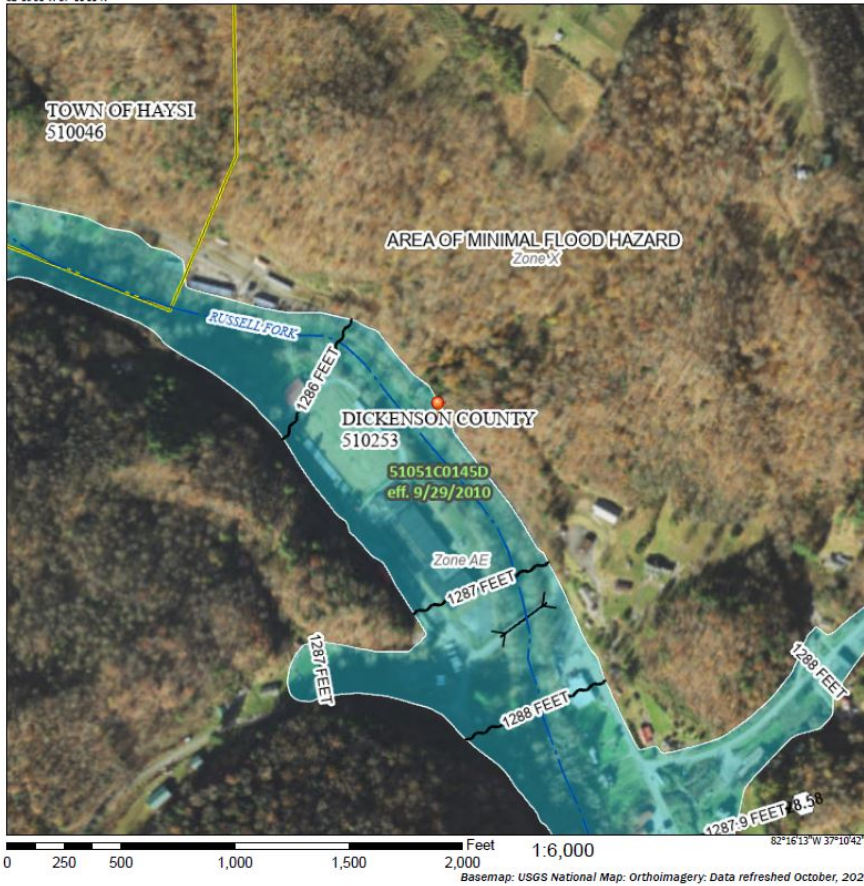


The project area will consist of only the A & AE Zones within the project area. The project area will start at the blue marks on the map near the intersection of Sandlick Rd. / Russell Fork Rd and 0.75 mile up Lick Creek Rd. Ending at the green mark, at the Town of Haysi jurisdictional boundary.

# National Flood Hazard Layer FIRMette



82°16'51" W 37°11'11" N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
  - Without Base Flood Elevation (BFE) Zone A, V, A99
  - With BFE or Depth Zone AE, AO, AH, VE, AR
  - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
  - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
  - Future Conditions 1% Annual Chance Flood Hazard Zone X
  - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
  - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
  - NO SCREEN Area of Minimal Flood Hazard Zone X
  - Effective LOMRs
  - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
  - Channel, Culvert, or Storm Sewer
  - Levee, Dike, or Floodwall
- CROSS SECTIONS WITH 1% ANNUAL CHANCE**
  - 20.2 Water Surface Elevation
  - 17.8 Coastal Transect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- OTHER FEATURES**
  - Digital Data Available
  - No Digital Data Available
  - Unmapped
- MAP PANELS**
  - The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

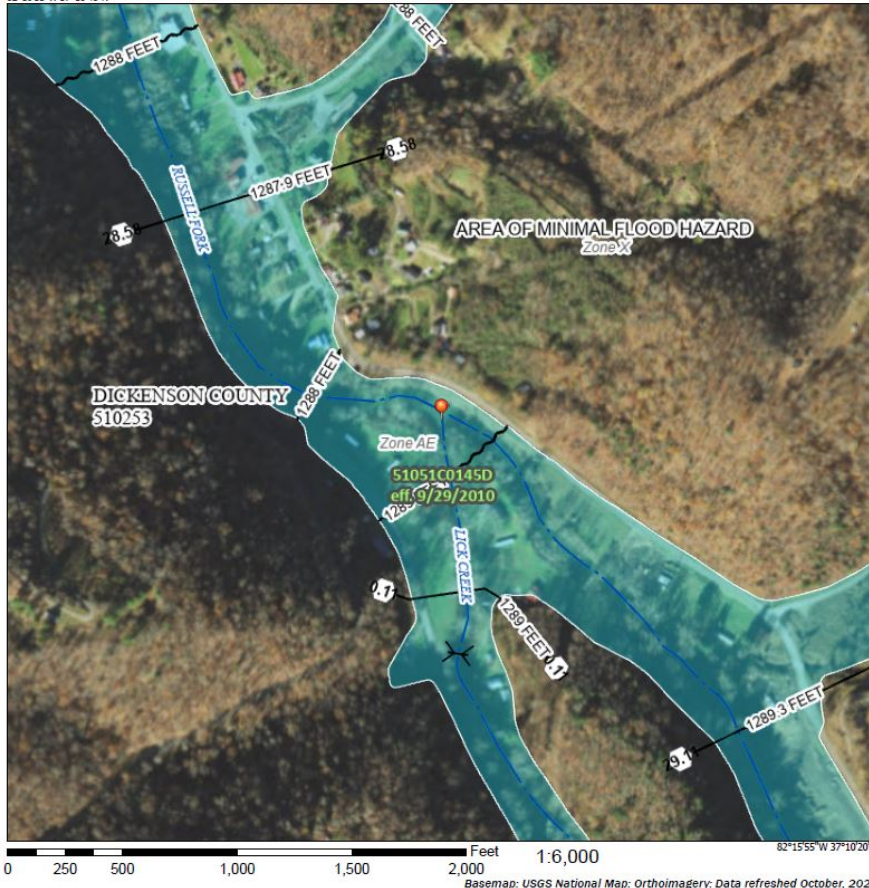
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/4/2022 at 1:20 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmapped areas cannot be used for regulatory purposes.

# National Flood Hazard Layer FIRMette



82°16'33" W 37°10'46" N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
  - Without Base Flood Elevation (BFE) Zone A, V, A99
  - With BFE or Depth Zone AE, AO, AH, VE, AR
  - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
  - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
  - Future Conditions 1% Annual Chance Flood Hazard Zone X
  - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
  - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
  - NO SCREEN Area of Minimal Flood Hazard Zone X
  - Effective LOMRs
  - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
  - Channel, Culvert, or Storm Sewer
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The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/4/2022 at 1:19 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmapped areas cannot be used for regulatory purposes.

# National Flood Hazard Layer FIRMette



**Legend**

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE) Zone A, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

**OTHER AREAS OF FLOOD HAZARD**

- 0.2% Annual Chance Flood Hazard. Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile. Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

**OTHER AREAS**

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**OTHER FEATURES**

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Coastal Transact
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transact Baseline
- Profile Baseline
- Hydrographic Feature

**MAP PANELS**

- Digital Data Available
- No Digital Data Available
- Unmapped

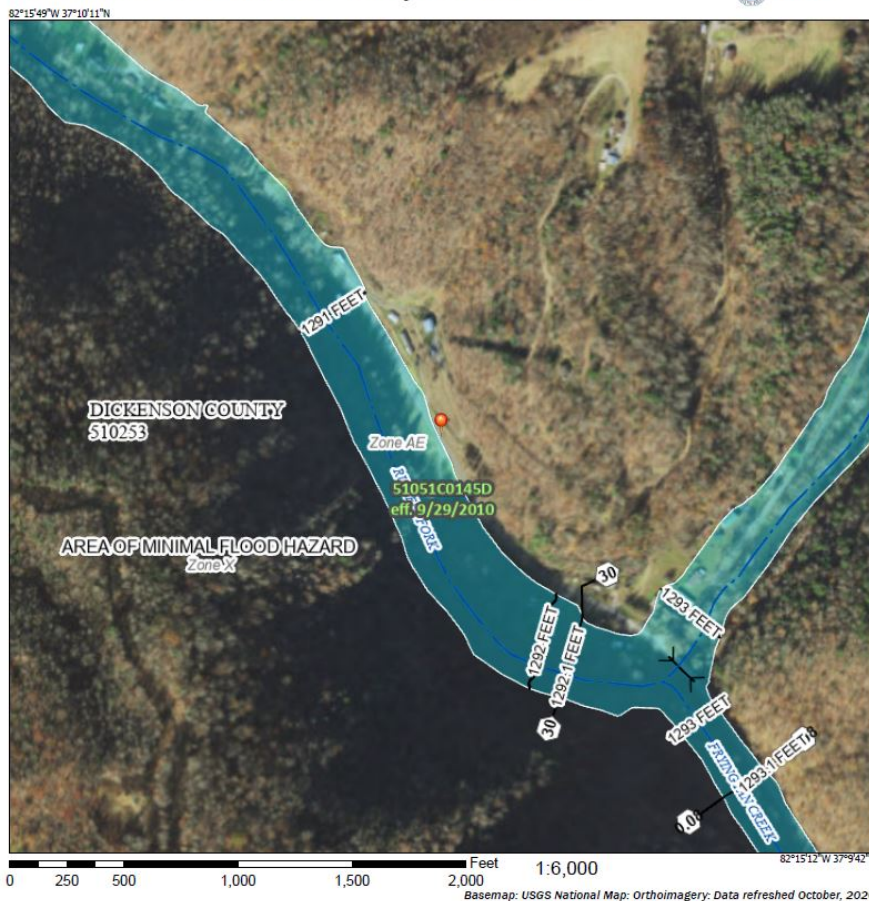
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This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/4/2022 at 1:17 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

# National Flood Hazard Layer FIRMette



**Legend**

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE) Zone A, A99
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- NO SCREEN Area of Minimal Flood Hazard Zone X
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**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
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**OTHER FEATURES**

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Coastal Transact
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transact Baseline
- Profile Baseline
- Hydrographic Feature

**MAP PANELS**

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/4/2022 at 1:16 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



## Population affected by this project.

Approximately 53 structures are located within the project area.

Of those 41 is residential, 11 are business's and 1 is an Elementary School

With an estimated population of 110 people living within this area with many more working in the project area.

The population of people effected downstream of this project that could also see flood relief form this project would exceed a thousand. This area would include The Town of Haysi Virginia, Elkhorn City Kentucky and many homes in between.

## Historic Flooding Data & hydrologic studies.

Since 1977, Dickenson County has had 11 federally-declared disasters due to severe storms and/or flooding.

Year of Declaration Date	Declaration Title	Disaster Number
1977	Severe Storms & Flooding	530
1984	Severe Storms & Flooding	707
1993	Severe Winter Storm	3112
1994	Severe Ice Storms & Flooding	1014
1996	Blizzard of 96 (Severe Snow Storm)	1086
2000	Severe Winter Storms	1318
2001	Severe Storms & Flooding	1386
2002	Severe Storms & Flooding	1406
2003	Severe Winter Storm, Record/Near Record Snowfall, Heavy Rain, Flooding, and Mudslide	1458
2006	Severe Storms, Tornadoes, and Flooding	1655
2010	Severe Winter Storm and Snowstorm	1874

Source; <https://www.fema.gov/data-visualization/disaster-declarations-states-and-counties>

The only type of hydrologic studies in Dickenson County Virginia is the flood insurance study revised on September 29, 2010, and the US Army Corps of Engineers July 2003 Detail Project Report.

Source: <http://dcva.link/fema>

UAACE 2003 Report <http://dcva.link/vol1>

<http://dcva.link/vol2>

<http://dcva.link/vol3>

<http://dcva.link/vol4>

<http://dcva.link/vol5>

<http://dcva.link/vol6>

## **Matching funds Wavier for Dickenson County Virginia.**

The USACE 202 project could provide Dickenson County with matching funds as the work is very similar in nature. However all of this funding is Federal dollars.

The economy has not been good for Dickenson County would be an understatement.

Attached is a letter asking for the Virginia Community Flood Preparedness Fund Match to be waived.

## **Maintenance Plan**

All properties acquired will be returned to a natural state. All plants use in the on these properties and stream restoration will be native and ubiquitous to Dickenson County. The permanent plants will be perennial and once finished no further maintenance will be needed.

## **Dickenson County Nonstructural Project through the USACE “202 project”**

The USACE 202 project included 225 structures that was eligible for voluntary flood proofing or acquisition. Relocation of three schools are also included with this project including one within our intended project area. To be eligible for the USACE 202 program qualifying properties must have the lowest living floor at or below the level of the 1977 flood and occupied. Since within this project area the 1977 flood level is 2 feet higher than the 1% annual flood chance, many homes do not qualify for the 202 program. This grant will target those houses along with houses that have unsuitable foundations that are in the A & AE Zones.

USACE 202 Source: <https://www.lrh.usace.army.mil/Missions/Dickenson-County/>

Additional USACE 202 Source: <http://dcva.link/corp>

## **Links to current plans that are not attached.**

Dickenson County’s Comprehensive Plan 2014

<https://dickensonva.org/DocumentCenter/View/2504/DC-Comprehensive-Plan-2014>

Hazard Mitigation Plan

<https://dickensonva.org/DocumentCenter/View/2506/Hazard-Mitigation-Plan>

## Dickenson County Virginia

### 2022 Virginia Community Flood Preparedness Fund Purposed Budget

Addresses	Addresses	Property Aquestion or Flood proofing	Land Aquestion	* Demo/or Remove Structures	Stream Bank Restoration & Floodplain Restoration	Appraisal, deed search, management and other legal cost
113 Mayberry Dr.	Birchleaf VA 24220	\$ 30,000.00	\$ 24,000.00	\$ 13,500.00	\$ 12,000.00	\$ 5,700.00
3748 Sandlick Rd.	Birchleaf VA 24220	\$ 150,000.00	\$ 24,000.00	\$ 67,500.00	\$ 12,000.00	\$ 5,700.00
3772 Sandlick Rd.	Birchleaf VA 24220	\$ 68,000.00	\$ 24,000.00	\$ 30,600.00	\$ 12,000.00	\$ 5,700.00
3600 Sandlick Rd.	Birchleaf VA 24220	\$ 95,000.00	\$ 24,000.00	\$ 42,750.00	\$ 12,000.00	\$ 5,700.00
3548 Sandlick Rd.	Birchleaf VA 24220	\$ 65,000.00	\$ 24,000.00	\$ 29,250.00	\$ 12,000.00	\$ 5,700.00
3276 Sandlick Rd.	Birchleaf VA 24220	\$ 55,000.00	\$ 18,000.00	\$ 24,750.00	\$ 9,000.00	\$ 5,700.00
3246 Sandlick Rd.	Birchleaf VA 24220	\$ 94,000.00	\$ 24,000.00	\$ 42,300.00	\$ 12,000.00	\$ 5,700.00
3224 Sandlick Rd.	Birchleaf VA 24220	\$ 250,000.00	\$ 48,000.00	\$ 112,500.00	\$ 24,000.00	\$ 5,700.00
3190 Sandlick Rd.	Birchleaf VA 24220	\$ 245,000.00	\$ 48,000.00	\$ 110,250.00	\$ 24,000.00	\$ 5,700.00
2880 Sandlick Rd.	Birchleaf VA 24220	\$ 28,000.00	\$ 300,000.00	\$ 12,600.00	\$ 84,000.00	\$ 5,700.00
2818 Sandlick Rd.	Birchleaf VA 24220	\$ 30,000.00	\$ 12,000.00	\$ 13,500.00	\$ 6,000.00	\$ 5,700.00
2802 Sandlick Rd.	Birchleaf VA 24220	\$ 35,000.00	\$ 18,000.00	\$ 15,750.00	\$ 9,000.00	\$ 5,700.00
200 Fletcher and Edwards Dr.	Birchleaf VA 24220	\$ 70,000.00	\$ 24,000.00	\$ 31,500.00	\$ 12,000.00	\$ 5,700.00
214 Fletcher and Edwards Dr.	Birchleaf VA 24220	\$ 225,000.00	\$ 28,800.00	\$ 101,250.00	\$ 14,400.00	\$ 5,700.00
2494 Sandlick Rd.	Birchleaf VA 24220	\$ 185,000.00	\$ 24,000.00	\$ 83,250.00	\$ 12,000.00	\$ 5,700.00
2444 Sandlick Rd.	Birchleaf VA 24220	\$ 120,000.00	\$ 30,000.00	\$ 54,000.00	\$ 15,000.00	\$ 5,700.00
2424 Sandlick Rd.	Birchleaf VA 24220	\$ 72,000.00	\$ 18,000.00	\$ 32,400.00	\$ 9,000.00	\$ 5,700.00

2398 Sandlick Rd.	Birchleaf VA 24220	\$ 25,000.00	\$ 30,000.00	\$ 9,000.00	\$ 15,000.00	\$ 5,700.00
2392 Sandlick Rd.	Birchleaf VA 24220	\$ 182,000.00	\$ 24,000.00	\$ 81,900.00	\$ 12,000.00	\$ 5,700.00
2382 Sandlick Rd.	Birchleaf VA 24220	\$ 58,000.00	\$ 18,000.00	\$ 26,100.00	\$ 9,000.00	\$ 5,700.00
2370 Sandlick Rd.	Birchleaf VA 24220	\$ 210,000.00	\$ 36,000.00	\$ 94,500.00	\$ 18,000.00	\$ 5,700.00
2366 Sandlick Rd.	Birchleaf VA 24220	\$ 16,000.00	\$ 12,000.00	\$ 7,200.00	\$ 6,000.00	\$ 5,700.00
2352 Sandlick Rd.	Birchleaf VA 24220	\$ 184,000.00	\$ 24,000.00	\$ 82,800.00	\$ 12,000.00	\$ 5,700.00
2342 Sandlick Rd.	Birchleaf VA 24220	\$ 29,000.00	\$ 12,000.00	\$ 13,050.00	\$ 6,000.00	\$ 5,700.00
2288 Sandlick Rd.	Birchleaf VA 24220	\$ 63,000.00	\$ 18,000.00	\$ 28,350.00	\$ 9,000.00	\$ 5,700.00
256 Rakes Ridge Rd.	Birchleaf VA 24220	\$ 315,000.00	\$ 48,000.00	\$ 141,750.00	\$ 12,000.00	\$ 5,700.00
219 Lick Creek Rd.	Birchleaf VA 24220	\$ 22,000.00	\$ 12,000.00	\$ 9,900.00	\$ 6,000.00	\$ 5,700.00
223 Lick Creek Rd.	Birchleaf VA 24220	\$ 24,000.00	\$ 12,000.00	\$ 10,800.00	\$ 6,000.00	\$ 5,700.00
577 Lick Creek Rd.	Birchleaf VA 24220	\$ 33,000.00	\$ 12,000.00	\$ 14,850.00	\$ 18,000.00	\$ 5,700.00
585 Lick Creek Rd.	Birchleaf VA 24220	\$ 36,000.00	\$ 12,000.00	\$ 16,200.00	\$ 18,000.00	\$ 5,700.00

Properties acquired through the USACE 202 program \$ 180,000.00 \$ 5,700.00

\* Includes asbestos abatement budget may be adjusted between addresses according to Asbestos abatement cost.

Sub Totals \$ 3,014,000.00 \$ 982,800.00 \$ 1,354,050.00 \$ 617,400.00 \$ 176,700.00

Total \$ 6,144,950.00

Participation Percent	35%	30%	30%	60%	60%
Purposed amounts	\$ 1,054,900.00	\$ 294,840.00	\$ 406,215.00	\$ 370,440.00	\$ 106,020.00

Total Purposed amount \$ 2,232,415.00 20% Match \$ 446,483.00

# DICKENSON COUNTY BOARD OF SUPERVISORS

Board of Supervisors  
**PEGGY KISER, CHAIRWOMAN**  
Ervinton District

**JOSH EVANS, VICE-CHAIRMAN**  
Willis District

**RON PETERS**  
Sandlick District

**RHONDA SLUSS**  
Clintwood District

**SHELBY WILLIS**  
Kenady District

County Administrator  
**LARRY BARTON**

County Attorney  
**WILLIAM J. STURGILL**

Of Counsel/Economic Development Advisor to the Board  
**CLARENCE E. "BUD" PHILLIPS**

P.O. Box 1098, Clintwood, VA 24228  
Telephone: (276) 926-1676  
Fax: (276) 916-1649



818 Happy Valley Drive, Clintwood, VA

## Virginia Community Flood Preparedness Fund Match Waiver

April 5, 2022

I would like to request a waiver for the local match on our Virginia Community Flood Preparedness Fund application.

Pre-wavier amounts:

Total project cost	\$2,232,415.00
Total required match 20%	\$446,483.00

\*Purposed in-kind local match amounts:

Local Demolition & Building permit fees	\$375.36
Labor for Asbestos testing pre-demo	\$4,500.00
Erosion & Sediment Control permits	\$642.60
Total local match	\$5,517.96

\*Based on 10 properties being demolished or flood proofed, up to 9 homes needing asbestos testing before demo, and 18 properties requiring Erosion & Sediment permits.

### Documentation of request of Waiver for Local Match Money:

Dickenson County, Virginia has one of the lowest poverty rates in the State of Virginia. According to the US Census Bureau 19.3% of the people in Dickenson County is in poverty compared to 9.2% statewide.

Dickenson County has the lowest Median household income (in 2020 dollars), 2016-2020 of all the Counties in the Commonwealth of Virginia.

Data Source:

<https://www.census.gov/quickfacts/fact/table/dickensoncountyvirginia,VA/PST045221>

The Russell Fork River, for which this project is targeting, flows through the Breaks Interstate Park. There are camp sites along this river and more could be added to help increase our economy through tourism. This will especially help the Town of Haysi Virginia which has suffered two catastrophe floods, first in January 1957, with flood waters around eight feet inside the buildings on Main Street. In April 1977 the Town experienced another flood that damaged ever building and business on Main Street with approximately nine feet of flood waters inside the buildings. Floods are the most common natural disaster. Each year, about 200 Americans die because of floods and flood damage throughout the Nation exceeds 3 billion dollars. It is estimated that one inch of water in a home can cause up to \$25,000.00 in damage. Due to changing climate conditions becoming more flood resilient is more crucial now that ever before.

Dickenson County borders the Commonwealth of Kentucky, which the Russell Fork River flows into. Flood prevention in Virginia along the Russell Fork River will benefit thousands of people not only in Virginia but also in Kentucky.



Larry Barton

Dickenson County Administrator



CFPF, rr <cfpf@dcr.virginia.gov>

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## Dickenson County's application for the 2022 Virginia Community Flood Preparedness Fund

1 message

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**Chris Rakes** <crakes@dickensonva.org>  
To: "cfpf@dcr.virginia.gov" <cfpf@dcr.virginia.gov>  
Cc: Larry Barton <lbarton@dickensonva.org>

Fri, Apr 8, 2022 at 11:46 AM

Dickenson County is pleased to apply for the 2022 Virginia Community Flood Preparedness Fund.

Attached is our application.  
If you have any questions please let myself or Larry Barton know.

Larry Barton's email address is: lbarton@dickensonva.org

Thanks

Chris Rakes  
Dickenson County Building Official  
Dickenson County Certified Floodplain Manager  
P.O. Box 733  
Clintwood VA 24228  
phone (276) 926-1673  
fax (276) 926-6227  
cell (276) 365-6336

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