

**Flood Control Assistance Account Program (FCAA) Application
Matching Contribution Earmark Request
“Lower Dosewallips Flood Hazard Reduction and Management”**

Jefferson County Board of Commissioners

February 24, 2025

Jefferson County Public Health

Tami Pokorny; tpokorny@co.Jefferson.wa.us



**Flood Control Assistance Account
Program**

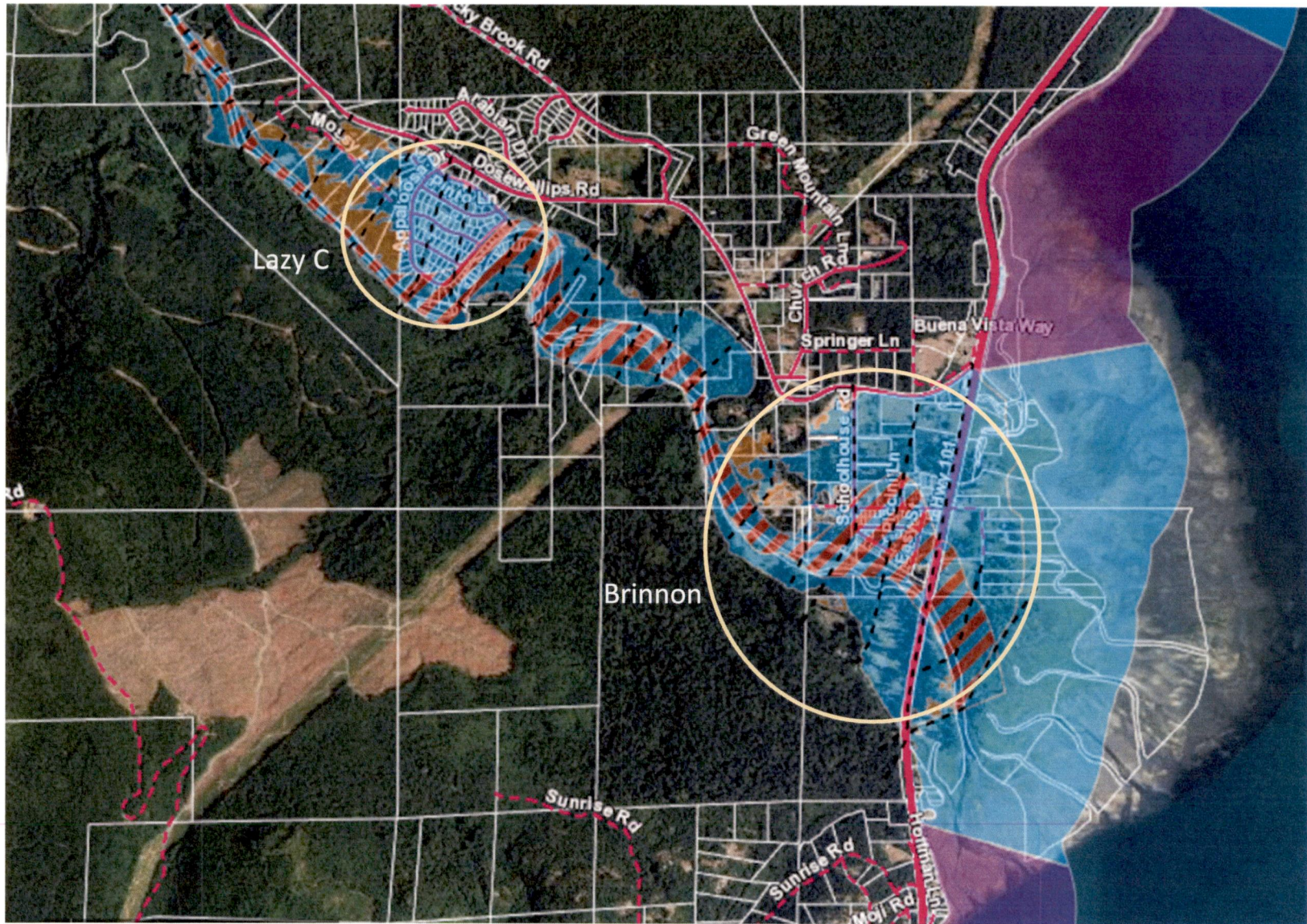
2025-2027 Grant Application Instructions

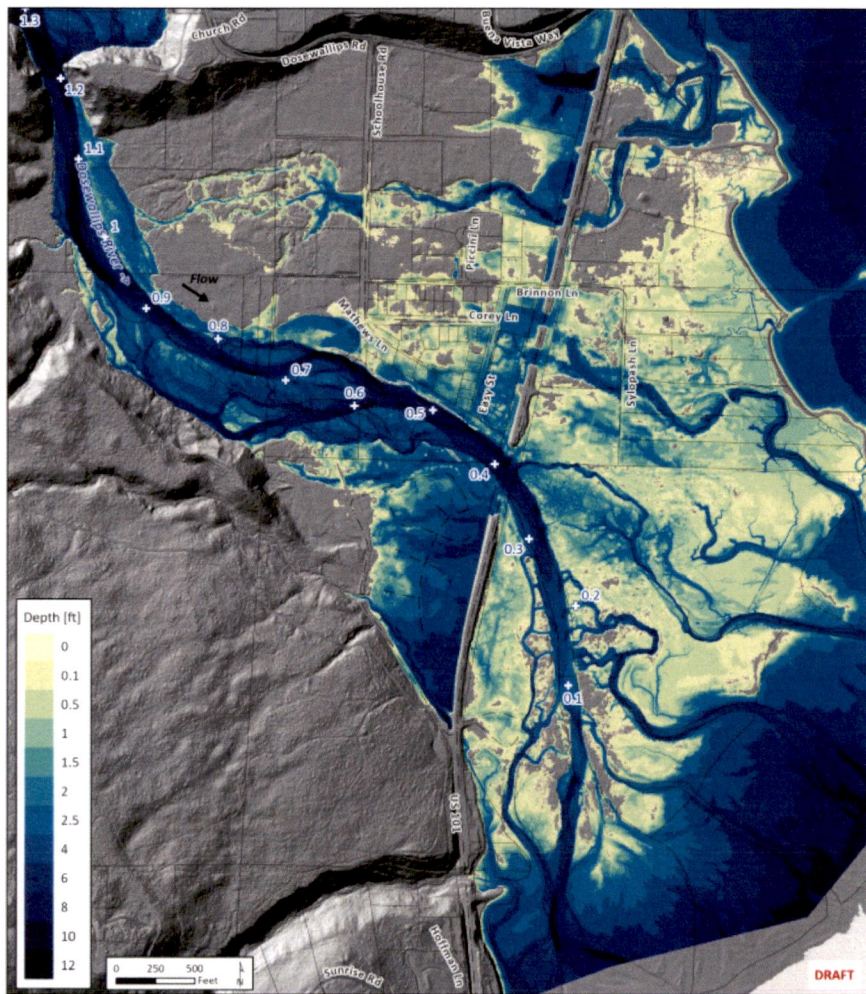
Shorelands and Environmental Assistance Program

Washington State Department of Ecology
Olympia, Washington

November 2024, Publication 24-06-024







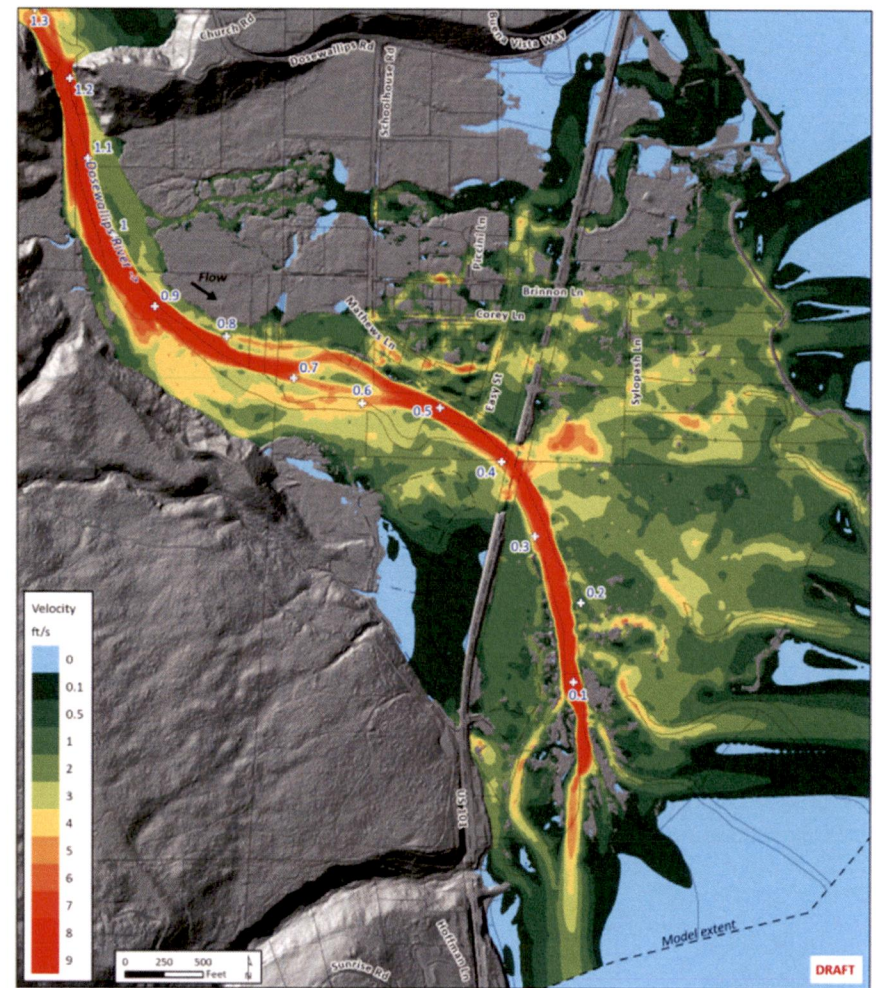
Dosewallips River - Brinnon Reach Assessment
Hydraulic Model Results - Water Depth
 100-Year Flood - Significant Flood Event
 Flow = 16,336 cfs, modeled with sea level at
 average highest daily tide

Does not include climate change projections of precipitation or sea level rise

- Parcels
- ◆ NHD River Miles
- Roads

Data Sources: Elevation (NVSG
 2023), Roads (Jefferson County),
 Inset Map (ESRI), Hydraulic Model
 Outputs (generated using HEC-
 RAS version 6.4.1)

NSD Natural Systems Design
 CGS Coastal Geologic Services



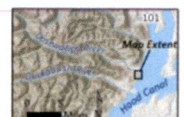
Dosewallips River - Brinnon Reach Assessment
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NSD Natural Systems Design
 CGS Coastal Geologic Services



Duckabush and Dosewallips Comprehensive Flood Hazard Management Plan

Jefferson County, Washington

June 2009

Prepared by:

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Meeting Summary

To: Pinky Mingo, Tami Pokorny, and George Terry, Jefferson County
From: Spencer Easton and Zoë Tapert, SCJ Alliance
Date: February 12, 2025
Project: Brinnon Flood Grant Opportunity Facilitation
Subject: Public Meeting Summaries – January 31 and February 11, 2025

This memorandum summarizes the outcomes of two public meetings held by Jefferson County in Brinnon, Washington in early 2025. SCJ Alliance supported Jefferson County with meeting facilitation. The purpose of the two meetings was to solicit community input on two flood-related grant funding opportunities: the Flood Control Assistance Account Program (FCAAP) and the Building Resilience Infrastructure and Communities (BRIC) program. Both meetings were held at the Brinnon Community Center.

Key Take-aways

Based on community input received at the two meetings, Jefferson County should consider the following take-aways when developing the FCAAP grant application:

- Solutions will need political will and funding
- Solutions need to be comprehensive and coordinated with other efforts (related to sewer, infrastructure, economic development, etc.) in addition to flooding
- Efforts need to be coordinated with all relevant parties (South County Task Force, State Parks, PUD, Dosewallips River Collaborative, Duckabush project, etc.)
- The community needs to be involved at every step
- We should incorporate lessons learned by other communities
- Public outreach efforts need to reach people where they are, and any planning effort in the future will need a public outreach plan

In the future, flood risk reduction measures that should be considered as part of a planning process include:

- Drainage maintenance
- Study to understand where sediment is coming from
- Build up banks and dig out gravel
- Berm maintenance

FCAAP ELIGIBLE ACTIVITY	2009 Dosewallips and Duckabush CFHMP ALTERNATIVES Approved by BoCC 8/10 and ECY on 10/8	Community Input Jan. 31 and Feb. 12, 2025
Planning work	Engineered Log Jams or other Bioengineered Structures	Solutions will need political will and funding
Permitting work	Buffers, replanting	Comprehensive and coordinated solutions
Feasibility and technical studies	Riprap (rated low for conflicts with CFHMP goals)	Engage all parties
Mapping projects	Restoration of wetlands and side channels	Involve community at every step
Design work	Setback of levees	Learn from other communities
Outreach and engagement	Removal of levees	Outreach plan
Acquisition planning work	Re-design of Highway 101 and Roadway	Drainage maintenance
Public flood risk communications	Hydrologic studies	Sediment origin study
	Property acquisition	Build up banks and dig out gravel
	Flow monitoring	Berm maintenance
	FEMA studies or FIRM updates	Forest practices considerations
	Public education and outreach	Address Dosewallips washout
	Community rating system participation	Grants to help people protect property
	Septic system risk assessment	New uses for non-recyclable glass
	Professional development	Evaluate current and future infrastructure in the floodplain
		Education about flood risk and solutions

**Proposed Project
Process Sequence**

Outreach Plan

Alternatives Analysis

Visualization

Preferred Alternative(s)

Feasibility Assessment

Conceptual Design

Action Plan

Two Possible Funding Scenarios:

To address Brinnon flood hazards only

TYPICAL FCAA AWARD FROM ECOLOGY MORE LIKELY

Total Project Cost = \$312,500

\$250,000 from Dept of ECY plus

Required \$62,500 (25%) matching contribution

To address both Brinnon and Lazy C needs

MAXIMUM AWARD FROM ECY MUCH LESS LIKELY

Total Project Cost = \$625,000

\$500,000 award from Dept of ECY plus

Requires \$125,000 (25%) matching contribution

ESTIMATED MAXIMUM BUDGET for 2025-27 FCAA Project Application: Lower Dosewallips Flood Hazard Reduction and Management

ITEM	TASKS	NOTES	EST. COST
Administration	Invoicing, reporting, grant communications	8,000 per year	16,000
JCPH and DCD Salaries and Benefits	Coordination, communications, outreach, research, meeting support, workshops	Approximately 30,000/year per department	120,000
JCPH Overhead	County staff	JCPH will manage grant and DCD will invoice PH	40,000
Consultant(s)		Divided fairly between Brinnon and Lazy C needs	449,000
	Facilitation	e.g. identify goals; alternatives analysis process	
	Assessments and/or mapping	e.g. sediment considerations; Lazy C flood and erosion risk	
	Feasibility/cost estimate	e.g. berm repair	
	Landuse	e.g. plan and feasibility to relocate essential services	
	Landscape architecture	e.g. visualize alternatives	
	Habitat related	e.g. coordinate habitat needs with flood risk reduction	
	Conceptual design	e.g. gage effectiveness and potential surface water elevation changes	
	Outreach	e.g. flood readiness workshop	
	Technical expertise	e.g. waste water, wells and water quality	
TOTAL			625,000