R & E Grant Application 25-27 Biennium

Project #: 25-006

NCWD Stream Enrichment Totes

Project Information

Requested Cycle:	25-1
R&E Project Request:	$7,600
Other Funding:	$276
Total Project:	$7,876
Spending Start Date:	7/1/2025
Spending End Date:	6/30/2027
Project Start Date:	7/1/2025
Project End Date:	6/30/2027
Organization:	ODFW - Tillamook

Applicant Information

Name:	Robert Bradley
Address:	4907 Third St. Tillamook, OR 97141
Telephone:	503-842-2741
Fax:	503-842-8583
Email:	Robert.Bradley@odfw.oregon.gov

Past Recommended or Completed Projects

Number	Name	Status
25-030	North Coast Equipment Purchase	Recommended

Authorized Agent

Name:	Michael Sinnott
Address:	4907 Third St. Tillamook, OR 97141
Telephone:	503-842-2741
Fax:	503-842-8385
Email:	Michael.Sinnott@odfw.oregon.gov

Location Information

Where is it?

The project will not occur on any property

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

This project will purchase equipment needed to conduct stream enrichment activities, primarily in the lower Columbia River portion of the North Coast Watershed District.

Overall Project Goals

Describe the primary goals or outcomes of the entire project, including elements not requesting funding from R&E.

Purchase totes for storing and transporting salmon carcasses utilized in our stream enrichment program.

Primary objectives of R&E funding

Please describe the measurable objectives for the R&E portion of the funding request.

Purchase 20 new totes.

Current Situation/Justification

Please describe the current situation and explain why this funding is needed.

Klaskanine Hatchery annually collects and stores 60-80 totes of salmon carcasses in their freezer for distribution to local waterways for stream enrichment (held until spawning ground surveys are completed). Totes need to be replaced periodically as they wear out due to normal use. This project would replace a portion of the totes on hand that are at the end of their useful life.

Recreation and Commercial Benefit

This project will provide benefits to:

Recreational fisheries
Commercial fisheries

Explain how this project will contribute to current (and/or potential) fishing opportunities, access, or fisheries management.

The purchase of equipment would indirectly benefit fisheries. The stream enrichment activities that this equipment is used for directly benefits natural production of Chinook salmon, coho salmon, chum salmon, steelhead, and cutthroat trout which may later contribute to fisheries.

Percent benefit split between Commercial and Recreational anglers:

10 % Commercial
90 % Recreational

Please explain, or justify, how the percentage split was determined:

Use of the equipment to conduct stream enrichment benefits Chinook salmon, coho salmon,

chum salmon, steelhead, and cutthroat trout. Chinook are the only species commercially fished. Chinook are one of 5 species (20%). Since they contribute to both recreational and commercial fisheries I split that percentage to estimate the contribution to commercial fisheries.

This project has been identified as an ODFW priority for:

Statewide

Does this project directly support implementation of the ODFW Strategic Plan and/or current Fish Division priorities?

No

Please briefly explain when this was identified as a priority and what process or workgroup was used to identified this as an ODFW priority.

This is identified as a priority use of hatchery carcasses in the ODFW Fish Hatchery Management Policy, adopted December 3, 2010.

Identify any plan or other document that identifies this priority.

ODFW's Fish Hatchery Management Policy identifies stream enrichment as the highest priority use of hatchery fish carcasses (after broodstock collection and conservation commitments): https://www.dfw.state.or.us/fish/hatchery/docs/hatchery_mgmt.pdf

Is this project part of an approved Salmon-Trout Enhancement Program (STEP) activity?

Yes

The North Coast STEP Biologist assists with the stream enrichment project as outlined in his annual work plan.

This project is intended to benefit the following species:

Fall Chinook Salmon
Other Species
Chum Salmon
Spring Chinook Salmon
Coho Salmon
Lamprey
Winter Steelhead
Cutthroat Trout

This project will benefit anglers or fishery by providing:

Habitat Enhancements

Habitat Enhancements

The primary purpose of this project is to improve/increase:

Stream Enrichment utilizing hatchery salmon carcasses.

Project Description

Schedule

Activity	Date	RE Funding
Purchase new totes	9/25	Yes

Permits

Permit	Secured?	Date Expected

N/A	No	

Project Design and Description

Please describe in detail the methods or approach that will be used to achieve the project objectives.

The totes will be purchased from a company that manufactures this type of item.

Engineering

Does the project involve capital improvement, engineering, site grading or other construction?

No

Project Management and Maintenance

What is the life expectancy of R&E funded construction, structures, equipment, supplies, data or fishery?

The totes would be expected to last approximately 10 years with normal wear and tear.

Who is responsible for long term management, maintenance, and oversight of the project beyond what is funded by R&E.

The totes will be stored at Klaskanine and/or Big Creek hatcheries. Hatchery staff will primarily be responsible for monitoring the condition of the totes over time, along with district staff when on site.

Will the project require ongoing maintenance?

No

Is there a plan to collect baseline data and to conduct monitoring efforts to measure the effectiveness of the project?

Not necessary

Project Funding

Funding

Have you applied for OWEB funding for this project?

No

Has this proposal, or similar proposal for this project location, previously been denied by OWEB or other funding source?

No

Other Funding Source	Type	Secured	Dollar Value	Comments
ODFW District staff	In-Kind	Secured	325	Staff time to procure totes. Staff contribute many more days annually to the stream enrichment.
		Total	325	

Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
PROJECT MANAGEMENT						
NCWD STEP Biologist	4	43	172			172
NCWD District Fish Biologist	2	52	104			104
		SUBTOTAL	276			276
IN-HOUSE PERSONNEL						
		SUBTOTAL				
CONTRACTED SERVICES						
		SUBTOTAL				
TRAVEL						
		SUBTOTAL				
SUPPLIES/MATERIALS						
		SUBTOTAL				
EDUCATION/OUTREACH						
		SUBTOTAL				
EQUIPMENT						
Plastic fish totes 48x42x2	20	350			7,000	7,000
Shipping	1	600			600	600
		SUBTOTAL			7,600	7,600
FISCAL ADMINISTRATION						
		SUBTOTAL				
		BUDGET TOTAL	276	0	7,600	7,876

Internal Review Results

Review Score: 3.4 out of 5

(1 = Do Not Fund, 2 = Strengthen Proposal, 3 = Recommend with Conditions, 4 = Recommend, 5 = Strongly Recommend)

Summary of Review Team Comments

The IRT agreed that these totes are vital for work that is done through the hatchery and for the STEP program. Questions raised about whether the district has other funds to replace these totes.

Specific Review Team Comments

It is stated in the grant narrative that this is not part of an approved STEP activity, but the budget reflects that the STEP biologist will be providing in kind match for this project. Suggest that this inconsistency is corrected.

In the section on Recreation and Commercial benefit the application states that they don't anticipate recreational or commercial fishery benefits, but if placement of carcasses improves natural production this could contribute to fisheries (as is stated in the next paragraph of the application). Please correct in application.

Specific Review Team Questions

STEP staff are involved; was STEP funding considered? If 'no' why not?

STEP funds have been utilized previously for purchasing stream enrichment totes. However there is insufficient funding available to purchase totes for the immediate need for which this grant is sought.

Are there other funds the district use to pay for this? Or could this application be held until a future funding cycle?

The district has utilized multiple fund sources (district funds, STEP, STAC, private funding, and R&E) over the years, attempting to rotate through various funders over time. We are returning to R&E with the funding request this time. Funding is requested this cycle so that totes can be purchased and received prior to activities starting up this fall.

Additional Files

Budget Information

Maps

Photos

Design Information

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

- Signature Authorization Page

Completion Report

Objectives and Accomplishments

Purchase 20 new totes.

Did you meet the objective? Yes

We were able to purchase 23 totes in total. Nine were used totes in good condition that were available for a reduced cost. The cost saving allowed for additional totes to be purchased compared to buying all at the new price.

Comments

The totes were put to use immediately and helped us place thousands of pounds of salmon carcasses into lower Columbia streams for nutrient enrichment. In all over 80 totes were delivered to local streams from this program. The new totes replaced others that had broken or worn out and no longer useful.

Grantee agreed to forfeit all remaining funds.