



# R & E Grant Application 25-27 Biennium

Project #: 25-006

## NCWD Stream Enrichment Totes

### Project Information

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**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

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**Name:** Robert Bradley  
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Tillamook, OR 97141  
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**Email:** Robert.Bradley@odfw.oregon.gov

### Past Recommended or Completed Projects

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Number	Name	Status
25-001	North Coast Access Site Maintenance	Recommended

### Authorized Agent

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**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**

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### **Where is it?**

The project will not occur on any property

## **Project Summary**

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### **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](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**

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### Schedule

Activity	Date	RE Funding
Purchase new totes	9/25	No

### Permits

Permit	Secured?	Date Expected
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N/A	No	
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### 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	276	Staff time to procure totes. Staff contribute many more days annually to the stream enrichment.
		Total	276	

## 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	43.00	172	0	0	172
NCWD District Fish Biologist	2	52.00	104	0	0	104
		SUBTOTAL	276	0	0	276
IN-HOUSE PERSONNEL						
			0	0	0	0
		SUBTOTAL	0	0	0	0
CONTRACTED SERVICES						
			0	0	0	0
		SUBTOTAL	0	0	0	0
TRAVEL						
			0	0	0	0
		SUBTOTAL	0	0	0	0
SUPPLIES/MATERIALS						
			0	0	0	0
		SUBTOTAL	0	0	0	0
EDUCATION/OUTREACH						
			0	0	0	0
		SUBTOTAL	0	0	0	0
EQUIPMENT						
Plastic fish totes 48x42x2	20	350.00	0	0	7000	7000
Shipping	1	600.00	0	0	600	600
		SUBTOTAL	0	0	7600	7600
FISCAL ADMINISTRATION						
			0	0	0	0
		SUBTOTAL	0	0	0	0
		BUDGET TOTAL	276	0	7600	7876

## ***Internal Review Results***

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**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***

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Budget Information

Maps

Photos

Design Information

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

[Signature Authorization Page](#)

## ***Completion Report***

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A completion report has not been submitted for this project.