



R & E Grant Application 17-19 Biennium

Project #: 17-027

Cape Meares Fishing Dock

Project Information

Requested Cycle: 17-3
R&E Project Request: \$91,855
Other Funding: \$44,050
Total Project: \$135,905
Spending Start Date: 7/1/2017
Spending End Date: 6/30/2019
Project Start Date: 7/1/2017
Project End Date: 6/30/2019
Organization: Tillamook Anglers (Tax ID #: 94-3097459)

Fiscal Officer

Name: Jerry Dove
Address: 7510 Trask River Rd
Tillamook, OR 97141
Telephone: 503-812-5426
Email: jdovetillanglers@gmail.com

Applicant Information

Name: jerry dove
Address: 7510 Trask River Road Tillamook OR 97141
7510 Trask River Road
Tillamook , OR 97141
Telephone: 503-812-1572
Telephone 2: 503-842-6519
Fax: 503-842-6519
Email: jdovetillanglers@gmail.com

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Authorized Agent

Name: Ron Rehn
Address: 4907 East Third Street
Tillamook, OR 97141

Telephone: 503-842-2741 x244
Fax: 503-842-8385
Email: Ron.F.REHN@odfw.oregon.gov

Location Information

Where is it?

The project will occur on public land owned or managed by another party

Landowner Information

Name: Tillamook County
Address: 201 Laurel Ave
Tillamook, OR, 97141
Phone: 503 842-3400

Site Description

Street Address, nearest intersection, or other descriptive location.

T1S R10W Sec 6 tax lot 100
MP 5 Bayocean Rd

Directions to the site from the nearest highway junction.

Approximately 5 miles from Hwy 131 Jct.

Following project completion, public anglers will be allowed the following level of access to the project site:

Full access

Please describe what leases, easements, agreements are in place to ensure angler access to the project site, and what is the length of each agreement.

N/A location is on public land

Dominant Land Use Type:

Open water/Lake

Project Location

General Project Location.

County: TILLAMOOK
ODFW Dist: North Coast
Sub-basin: 17100203

Specific Project Location.

| Latitude | Longitude |
|----------|------------|
| 45.50668 | -123.94418 |

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

The purpose of this project is install an angling dock on Cape Meares Lake. The original dock was constructed and installed in 1991 to allow angler access to open water beyond the shoreline, and address safety issues. It operated until 2004 when it had to be removed after storm damage.

Overall Project Goals

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

Address safety concerns by providing access to angling opportunities away from roadway

Improve angling experience by providing access to deeper water

Enhance the recruitment of young and new anglers by providing a safe place, easy to access, and with a good opportunity to catch fish.

Developing and improving existing sites to provide a more diverse angling opportunities

Primary objectives of R&E funding

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

Primary objective is to provide diverse, safe, stable and productive angling opportunities.

Current Situation/Justification

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

The North Coast Watershed District NCWD currently stocks approximately 56,250 rainbow trout into Tillamook County lakes to support the State's trout fishery. Out of that number 13,800 trout are stocked into Cape Meares Lake. Of the 12 water bodies stocked in Tillamook County, most have limited bank angling due to either access limitations or private property. This limits current angling opportunities to a few bank and dock sites or boat. As such, this project will not only improve access at the site, but also address safety issues and improve success by expanding out to deeper water. Current conditions create potentially hazardous situations for anglers fishing on the southern bank along Bay Ocean Rd. This is the most accessible location as areas to the west and north are either privately owned, access is very difficult, or opportunity is very limited. There is access along the dike on the east side of the lake, but the bank is steep and difficult to walk due to the large rip rap. This area is also somewhat hazardous to access.

Recreation and Commercial Benefit

This project will provide benefits to:

Recreational fisheries

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

This project incorporates several strategies to enhance recreational angling as identified in the 25-Year Angling Enhancement Plan. This project will implement those strategies by maintaining access to water bodies, trying to improve catch rates, address beginning angler preferences, and by developing partnerships. It is also part of a larger NCWD goal of improving the trout angling experience throughout the District. Based on the type of fishery Cape Meares Lake supports a dock at this location would enhance the recruitment of young and new anglers by providing a safe place, easy to access, and with a good opportunity to catch fish.

Percent benefit split between Commercial and Recreational anglers:

0 % Commercial

100 % Recreational

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

There are no benefits to commercial anglers.

This project has been identified as an ODFW priority for:

Local/watershed

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

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

Identify any plan or other document that identifies this priority.

This project addresses several strategies of ODFW's 25-Year Angling Enhancement Plan by providing diverse, stable and productive angling opportunities. These include improving safety, building fishing docks & improving angler access.

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

Yes

This project will aid in the recruitment of young and new anglers in addition to enhancing existing trout fishing opportunities.

This project is intended to benefit the following species:

Largemouth Bass

Rainbow Trout

This project will benefit anglers or fishery by providing:

Angler Access

Angler Access

This project will:

Improve access to existing angling opportunities

Choose the following that best describes the angling access provided by the project:

Dock

Do similar access sites, facilities, or fisheries exist within 10 miles of the project site?

No

Project Description

Schedule

| Activity | Date | RE Funding |
|------------------------------|----------------|------------|
| Site survey | April, 2017 | No |
| Design and plans | May, 2017 | No |
| Submit R&E grant application | June, 2017 | No |
| Permitting (State & County) | December, 2017 | No |
| Install concrete abutment | January, 2018 | No |
| Install dock & gangway | February, 2018 | No |
| Submit Completion Report | March, 2018 | No |

Permits

| Permit | Secured? | Date Expected |
|------------------------------------|----------|---------------|
| USACE/DSL Joint Permit | No | Nov. 2017 |
| DSL Public Facilities License | No | Nov. 2017 |
| Tillamook Co. Planning Application | No | Nov. 2017 |
| Tillamook Co. Development Permit | No | Dec. 2017 |
| Tillamook Co. Zoning Permit | No | Dec. 2017 |

Project Design and Description

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

Our objective is to provide diverse, stable, and productive angling opportunities for the area. Some of the action items include improving the aesthetic quality and safety of fishing areas, building fishing piers & docks, and improving angler access. Many of these items are identified in our 25-Year Angling Enhancement Plan. The Cape Meares Dock Project encompasses many aspects of the above-mentioned action items by further developing and improving the existing site to provide better angling opportunities. In addition, this project will aid in angler recruitment by providing a better location for beginning anglers.

The proposed new dock designed by Oregon Marine Construction will consist of 8'x30' aluminum frame dock leading to an 8'x40' aluminum frame dock for the "T"-section. Access would be via a 4'x70' (100PSF) aluminum gangway and concrete abutment. The dock will be secured by five 8"x42' galvanized steel piling. The dock will be lined with a bull-rail curbing, and ADA compliant decking and gangway. A solar dock light and safety ladder are also included.

The North Coast Watershed District NCWD currently stocks approximately 56,250 rainbow trout into Tillamook County lakes to support the State's trout fishery. Out of that number 13,800 trout are stocked into Cape Meares Lake. Of the 12 water bodies stocked in Tillamook County, most have limited bank angling due to either access limitations or private property. This limits current angling opportunities to a few bank and dock sites or boat. As such, this project will not only improve access at the site, but also address safety issues and improve success by expanding out to deeper water. Current conditions create potentially hazardous situations for anglers fishing on the southern bank along Bay Ocean Rd. This is the most accessible location as areas to the west and north are either privately owned, access is very difficult, or opportunity is very limited. There is access along the dike on the east side of the lake, but the bank is steep and difficult to walk due to the large rip rap. This area is also somewhat hazardous to access.

As stated above this project incorporates several strategies to enhance recreational angling as identified in the 25-Year Angling Enhancement Plan. This project will implement those strategies by maintaining access to water bodies, trying to improve catch rates, address beginning angler preferences, and by developing partnerships. It is also part of a larger goal of improving the trout angling experience throughout the District. Based on the type of fishery Cape Meares Lake supports a dock at this location would enhance the recruitment of young and new anglers by providing a safe place, easy to access, and with a good opportunity to catch fish.

Preliminary discussions have been initiated with Tillamook County Planning, Tillamook County Public Works, USACE, and Oregon Dept. of State Lands regarding permitting and planning needs. When factoring in site conditions, habitat impacts, and permitting requirements, it was determined that the SW corner by the Dike Rd entrance would be the best location to place a fish dock and have some parking. We are designing the dock and gangway to be ADA compliant. However, due to the area of land between the lake and Hwy, there is not enough room to allow for an official ADA parking at this site. The strongest efforts will be taken to make the site as accessible as possible to impaired anglers given existing conditions.

This site is located along the beach front and can be subject to severe weather conditions.

During winter months the dock will be directly exposed to NW storms. Taking that into consideration the dock has been designed to withstand such events. The cost of this project reflects the location of the site and ADA requirements for the dock and gangway.

Other alternatives were considered. The first alternative would be to do nothing and leave the area as is. Though there is no cost to this option, but it does not address the safety issues as people will continue to fish along the roadway. In addition, leaving the site as is will not improve opportunity to catch fish. The proposed dock would allow anglers access to deeper water, which should improve success. A second alternative would be to place the dock in another location. However, as described above the SW corner of the lake by the Dike Road was deemed most suitable to place a dock based on site conditions, habitat impacts, better angling opportunity, and permitting requirements. Based on these factors we believe the proposed project will benefit the community, address safety, and improve angling opportunity for those who utilize the area.

Engineering

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

Yes

Not associated with ODFW

Project Management and Maintenance

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

Life expectancy of dock, gangway, and abutment is approximately 30+ years

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

Maintenance of dock will be conducted through a partnership between Tillamook Anglers and NCWD STEP program. Maintenance needs will consist of annual inspections to check section joints and tighten as necessary. Inspections will be conducted by NCWD STEP program. No ongoing scheduled ongoing maintenance is required, but will occur as needed. Should major repairs be needed partnerships would be developed to cover costs.

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?

No

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?

[{"source": "Tillamook

Anglers", "type": "Cash", "secured": "Secured", "dollarValue": 40000, "comments": ""}, {"source": "ODFW/NCWD", "type": "Cash", "secured": "Secured", "dollarValue": 1500, "comments": ""}, {"source": "ODFW/NCWD STEP", "type": "In-Kind", "secured": "Secured", "dollarValue": 2550, "comments": ""}]

| Other Funding Source | Type | Secured | Dollar Value | Comments |
|----------------------|---------|---------|--------------|----------|
| Tillamook Anglers | Cash | Secured | 40000 | |
| ODFW/NCWD | Cash | Secured | 1500 | |
| ODFW/NCWD STEP | In-Kind | Secured | 2550 | |
| | | Total | 44050 | |

Budget

| Item | Unit Number | Unit Cost | In-kind or non-cash contributions | Funding from other sources | R&E Funds | Total Costs |
|-----------------------------------|-------------|--------------|-----------------------------------|----------------------------|-----------|-------------|
| PROJECT MANAGEMENT | | | | | | |
| Ron Rehn Project Managment/Agent | 50 | 51.00 | 2550 | 0 | 0 | 2550 |
| | | SUBTOTAL | 2550 | 0 | 0 | 2550 |
| IN-HOUSE PERSONNEL | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| CONTRACTED SERVICES | | | | | | |
| Permitting | 0 | 0.00 | 0 | 4000 | 0 | 4000 |
| Equipment Mobilization | 0 | 0.00 | 0 | 0 | 6500 | 6500 |
| Delivery, Assembly & Installation | 0 | 0.00 | 0 | 22500 | 2500 | 25000 |
| Gravel & Grading | 0 | 0.00 | 0 | 2000 | 0 | 2000 |
| Dock, Gangway, Pilings & Abutment | 0 | 0.00 | 0 | 12500 | 82455 | 94955 |
| Site Prep | 0 | 0.00 | 0 | 500 | 0 | 500 |
| | | SUBTOTAL | 0 | 41500 | 91455 | 132955 |
| TRAVEL | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| SUPPLIES/MATERIALS | | | | | | |
| Signage | 0 | 0.00 | 0 | 0 | 400 | 400 |
| | | SUBTOTAL | 0 | 0 | 400 | 400 |
| EDUCATION/OUTREACH | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| EQUIPMENT | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| FISCAL ADMINISTRATION | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| | | BUDGET TOTAL | 2550 | 41500 | 91855 | 135905 |

Internal Review Results

Review Score: 2.1 out of 3

(0 = Do Not Fund, 1 = Strengthen Proposal, 2 = Recommend, 3 = Strongly Recommend)

Summary of Review Team Comments

The review team generally supported this project but did have concerns with the lack of parking, safety issues with access to the dock, and lack of full ADA compliance. The team understands there are site constraints that preclude optimal development but that needs to be further explained in the application. Review team scores included eight 2s and one 3.

Specific Review Team Comments

There is limited parking and limited ADA access.

Is there local support for this? It would be nice if they were past preliminary discussions at least with the county.

While the dock may comply with ADA requirements the path leading to it and parking area will not. While alternatives to provide an ADA path would be too expensive. The options, costs, and rationale for not providing the required pathway and parking needs to be documented better in the application or attachments

Specific Review Team Questions

What permits will you have to secure? Why are you not going to apply before December?

Necessary permits are identified on page 5 in application. December 2017 is expected timeline to have all permits secured.

The old dock only lasted 13 years, yet the application states a life expectancy of 30+ years, how is this dock different from the prior one? How is this structure more durable than the previous dock and what measures are in place to preclude storm and wave damage with this design?

The old dock was of plywood construction and anchored by two cables attached to deadman on bank. This allowed for quite a bit of flex during high winds and wave action. The proposed dock is a high density composite with aluminum anchored by five 8" diameter steel pilings 40' long driven to a depth of 20'. This project was designed to handle conditions at the site.

This site provides limited parking/ADA access--does this justify cost of structure? Is there another location around the lake that would provide for better parking/ADA compliance? Is the proposed site less prone to severe weather damage?

As stated in the application bank access is very limited at Cape Meares Lake. The proposed location has the largest area to park at the lake without requiring fill of wetlands or lake.

Who will own this dock once it is constructed? If ODFW owns this dock, Engineering Section will need to review the plan set.

Tillamook Anglers will have ownership.

The lack of parking is a concern. Is there a safety concern about creating a draw for anglers with limited parking (people parking on the shoulder, etc.)?

The purpose and design of this project is to address existing safety concerns. The size of the dock was kept small so it wouldn't draw a larger crowd. The attached photo in the application shows current conditions with vehicles parking on the fog line of the road. The proposed site

has the largest area around the lake for parking.

Are there any better locations for this? If not, why not. Will this create worse parking issue?

The Project Design and Description section of the application states alternatives considered, and why the proposed site was selected. The attached photo in the application shows current conditions with vehicles parking on the fog line of the road. It can't get any worse than that. The proposed site has the largest area around the lake for parking. Also, in addition to getting vehicles off the road it will also give the anglers the opportunity to fish out on the lake instead of the side of the road.

Project Map



Additional Files

Budget Information

Maps

[Project Map](#)

Map image of project location

Photos

[Cape Meares current fishing access](#)

Photo of current fishing access

[Cape Meares Dock Location](#)

Photo showing dock location

Design Information

[2017 Concept Drawing-ODFW- Cape Meares Lake](#)

Dock drawing

[Cape Meares Dock Survey Sites](#)

Elevations of site and concrete abutment

[Gangway Abutment Slab](#)

Plans for abutment

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

Completion Report

A completion report has not been submitted for this project.