



R & E Grant Application 13 Biennium

**Project #:
13-104**

Comparison of trout stocks--Howard Prairie

Project Information

R&E Project Request: \$4,500.00
Match Funding: \$1,536.00
Total Project: \$6,036.00
Start Date: 3/1/2015
End Date: 6/30/2015
Project Email: Daniel.J.Vandyke@state.or.us
Project Biennium: 13 Biennium
Organization: ODFW - Rogue Watershed District Office

Applicant Information

Name: Daniel VanDyke
Address: 1495 East Gregory Road
 Central Point, OR 97502
Telephone: 541-826-8774 x234
Email: Daniel.J.Vandyke@state.or.us

Past Recommended or Completed Projects

Number	Name	Status
05-072	Fall Fingerling trout release at howard prairie	Completed
09-012	Howard Prairie Creel	Approved
09-013	Rogue Spring Chinook Carcass Survey	Completed

Project Summary

This project is part of ODFW's 25 Year Angling Plan.

Activity Type: Propagation - ODFW
Summary: With support from the Rogue Flyfishers and the R&E Program, the Rogue District successfully completed a pilot project testing releases of fall fingerling to support the rainbow trout fishery in Howard Prairie Reservoir. The next step in restoring the fishery is to identify ways to improve the contribution to the fishery of stocked trout. We plan to compare fishery contribution of different stocks of hatchery trout over the next couple of years.

Objectives: With funding we will differentially mark rainbow trout release groups to be stocked in Howard Prairie Reservoir in 2015, in order to help identify a stock that provides the best contribution to the fishery.

Fishery Benefits: Since it's development as an irrigation reservoir in the 1960s, Howard Prairie has

been renowned for the trout fishery it has provided for Oregon anglers. A 2009 creel survey estimated 34,500 angler trips during the fishing season. This effort is relatively close to the angling effort at Diamond Lake post-treatment, despite the challenges with the fishery at Howard Prairie due to illegal introductions. Most of the anglers come from Josephine, Jackson and Klamath counties (per 2009 angler preference survey), so the public in the Willamette Valley may not be aware of the importance of the fishery. This project will continue work aimed at improving the trout fishery.

Watershed Benefits:

The project will contribute to restoration of the rainbow trout fishery at Howard Prairie Reservoir. The opportunity to harvest rainbow trout is mostly limited to standing waterbodies in the Rogue watershed; most of the watershed is closed to the harvest of wild fish to protect juvenile steelhead. Work at Howard will help meet the demand for rainbow trout fishing opportunity and harvest.

Current Situation:

For years, the trout fish was supported by a release of spring fingerling. A total of 350,000 trout at about three inches in length were released, the fish reached 10 inches in length by opening weekend the following year, and many holdover trout reaches several pounds were produced.

The trout fishery declined in the early 2000s, during a time when smallmouth bass numbers increased dramatically. The fall fingerling project confirmed that spring releases fared very poorly compared to fall fingerling or legal sized trout. Recent releases have all been in the fall, averaging about 100-150,000 trout annually at 5-7 inches in length. We cannot stock as many trout because we are now stocking bigger trout. We must identify the stock that provides the best contribution to the fishery in order to improve the fishery and respond to increasing hatchery costs over time.

Alternatives:

Volunteer fin clipping was considered but is not very feasible given the numbers to be marked.

Designer:

District staff will coordinate with staff in Fish Division (McCormick) and communicate with Reservoir Dogs group.

Methods:

In order to keep costs down, we plan to do using existing surveys and additional creel spot checks to evaluate project success. This is a multi-year, ongoing project.

Inspector:

District staff will coordinate with staff in Fish Division (McCormick) and communicate with Reservoir Dogs group.

Funding Elements:

The funds will be used to pay for finmarking using hired marking crews.

Partners:

No

Existing Plan:

No

Affected

No

Contacted:

Affected No
Supportive:

Project Schedule/Participants/Funding

Activity	Date	Participants
Mark trout at Cole Rivers and Butte Falls hatcheries	5/1/2015	Hatchery staff and marking crews
Stock trout at Howard Prairie	10/1/2015	Hatchery and district staff
Conduct fall gillnet survey	11/15/2015	District staff
Conduct creel spot checks during 2016 fishing season.	4/28/2016	District staff

Affected
Species: Rainbow Trout

Project Permits

Name	Issued By	Secured?	Date Secured	Date Expected
None needed	NA	No	1/1/0001	1/1/0001

Project Monitoring

Organization	Address	Activity	Frequency
ODFW Rogue District	1495 East Gregory Rd Central Point, OR 97502	Annual fall gillnet survey and creel spot checks	Opening weekend creel and periodically through season

Project Maintenance

Organization	Address	Activity	Frequency
ODFW Rogue District	1495 East Gregory Rd Central Point, OR 97502	Not applicable	Not applicable

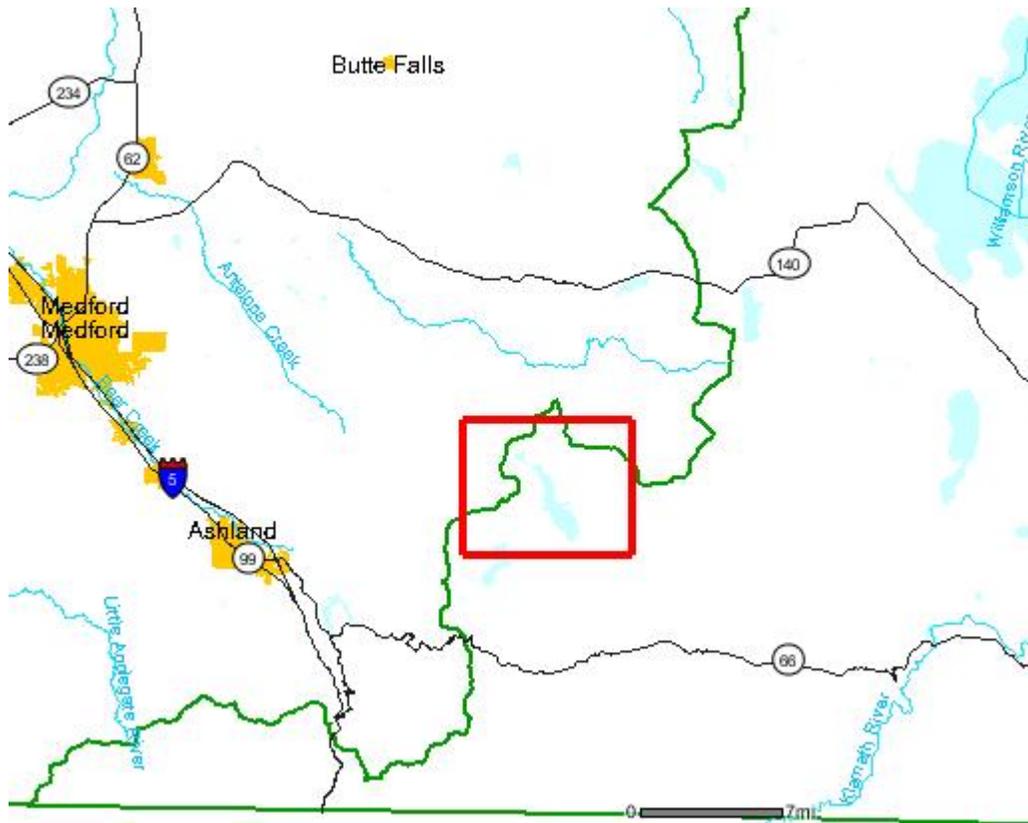
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$4,500.00	\$0.00	\$0.00	None	\$4,500.00	No	No	
ODFW in kind	\$0.00	\$1,536.00	\$0.00	None	\$1,536.00	No	No	
				Total Match Funding:	\$6,036.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Fin clipping	Personnel	375	\$12.00	\$4,500.00	\$0.00	\$4,500.00
ODFW in kind	Personnel	64	\$24.00	\$0.00	\$1,536.00	\$1,536.00
					Total Budget:	\$6,036.00

Project Map



Additional Files

[Click a link to view that particular file.](#)

Applicant Signature Page
Fish Restoration and Enhancement Program
(Oregon Department of Fish and Wildlife Applicants)

I hereby make an application for financial assistance under the terms and conditions of the Fish Restoration and Enhancement Program as described in my project application. I acknowledge that:

- This proposal is an identified priority at the district, region, and/or state level and has been identified as such in the application (**check box** for appropriate level).
- This proposal is consistent with any applicable goals, policies, rules, species or basin management plans adopted by the F&W Commission and this has been explained in the application.
- This proposal will not be used to cover, back fill, or fund shift elements that have been cut or defunded as part of agency budget reductions. Approved deferred maintenance or projects with division approval are exceptions.

I understand that if my project proposal is approved for Restoration and Enhancement (R&E) Program funding, the following will apply:

- Applicants must sign an agreement containing the terms and conditions for the project implementation, release of funds, and documentation of completion. Non-compliance may impact future funding opportunities.
- The R&E Program will not pay for expenses which occur before the approved start date or after the end date.
- Funding is available one biennium only without prior authorization by the R&E Board.
- Applicant agrees to notify the R&E Program of all funds not needed for the project upon determination.
- Any inappropriate expenses using R&E funds will be corrected by the applicant immediately. By the close of the biennium any expenses exceeding, or not identified in, the grant approval will be reverted to a local cost code.
- Copies of all landowner, monitoring and maintenance agreements must be submitted to the R&E Program.
- Educational products resulting from projects are public domain.
- Information collected is subject to Oregon Public Records Law.
- As applicable, the project will be consistent with all federal, state, and local regulations, including the State Land Use Planning Goals & Local Land Use Plans, prior to any on the ground work.

By signing this application, I certify to the best of my knowledge that the information contained in the application are true, complete and accurate. If awarded funding the applicant agrees to follow all terms and conditions outlined in the agreement.

Project Title: Comparison of trout stocks -- Howard Prairie

Applicant Name: Dan Van Dyke Title: Supervisory Fish & Wildlife Biologist

Applicant Signature:  Date: 11/7/14

Manager Certification:

To be completed by Watershed Manger, Hatchery Coordinator, Program Manager, or higher level manager.

- I concur with the statements above and the applicant has permission to request these funds.

Manger Name: Russ Stauff Title: Dogue Watershed Manager

Manager Signature:  Date: 11/7/14