



R & E Grant Application 13 Biennium

Project #:
13-102

Malheur WD Fish Management Equipment

Project Information

R&E Project Request: \$18,823.50
Match Funding: \$1,500.00
Total Project: \$20,323.50
Start Date: 3/6/2015
End Date: 6/30/2015
Project Email: david.t.banks@state.or.us
Project Biennium: 13 Biennium
Organization: ODFW - Hines

Applicant Information

Name: Dave Banks
Address: 101 N D St
 Lakeview, OR 97630
Telephone: 541-947-2950
Telephone 2: 541-219-1395
Fax: 541-947-4632
Email: david.t.banks@state.or.us

Past Recommended or Completed Projects

Number	Name	Status
09-266	Klamath WD: Fish Management Equipment	Completed
11-150	Lofton Reservoir Rotenone Treatment	Completed

Project Summary

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

Activity Type: Monitoring
Summary: The Malheur Watershed District seeks to replace old fisheries sampling equipment that is ineffective or purchase new fisheries sampling equipment needed to evaluate and manage the fisheries resources within the District for anglers.
Objectives: The Malheur Watershed District seeks to replace old fisheries sampling equipment that is ineffective or purchase new fisheries sampling equipment needed to evaluate and manage the fisheries resources within the District for anglers.
Fishery Benefits: The purpose of fisheries management is to manage fish resource to maximize the biological and social benefits for anglers. However, ineffective sampling gear

diminishes the Districts capacity with angler's dollars by increasing the costs associated with sampling fisheries. Examples of this include increased travel costs (fuel and/or per diem) due to the extended effort required or second sampling trips to collect enough relevant data. Further, the lack of standardized equipment among Watershed Districts makes any data collected pertinent only to the specific lake, reservoir, or stream within that Watershed District instead of comparable among similar water bodies throughout the state. The recreational benefit to the angler is the efficient use of District staff time to monitor and manage fisheries in order to provide quality angling opportunities while at the same time collecting data that is comparable among Watershed Districts benefiting anglers throughout Oregon.

Watershed Benefits:

There is a general benefit to the angler and the Watershed District through improved sampling efficiencies.

Current Situation:

The inability to sample effectively or the lack of equipment needed to collect data that will benefit fisheries with the Malheur Watershed District and fisheries throughout the state through standardization of equipment.

Alternatives:

Not replacing old fisheries sampling equipment and/or not purchasing needed new equipment.

Designer:

Malheur Watershed District staff (Dave Banks and Ben Ramirez).

Methods:

Malheur Watershed District staff will contact vendors to purchase equipment. The District will combine orders with other Watershed Districts, where possible to reduce purchase and shipping costs.

Inspector:

Malheur Watershed District staff (Dave Banks and Ben Ramirez).

Funding Elements:

The purchase of the following sampling items:

- Ponar dredge to sample macroinvertebrates in lakes similar to methods used at Diamond Lake.
- YSI ProODO meter and cable to collect temperature and dissolved oxygen profiles within lakes and reservoirs.
- 30 HP boat motor.
- Six trap nets with 100 ft. lead and wings to standardize this method of sampling with the Klamath and Deschutes Watershed Districts and to allow fish to be released unharmed for anglers to catch.
- Swedish gillnets.
- Standard gillnets.
- Electrofishing batteries.

Partners: Yes

Malheur Watershed District will add in-kind match through the purchase of some of the needed equipment with District funds.

Existing Plan: No

Affected Contacted: Yes

Affected Supportive: Yes

Affected Comments: Restoration and enhancement funds will be used to purchase equipment needed to replace old equipment or purchase new equipment to sample fisheries within the Malheur Watershed District. The purchases will also add to the growing list of equipment that is standardized among Watershed Districts across the state.

Project Schedule/Participants/Funding

Activity	Date	Participants
Begin equipment purchases	3/10/2015	Malheur Watershed District staff

Affected Species: Bull Trout
Lahontan Cutthroat Trout
Rainbow Trout
Redband Trout
Warmwater

Project Permits

This project has no permits.

Project Monitoring

Organization	Address	Activity	Frequency
Malheur Watershed District	237 Highway 20 South Hines, OR 97738	Equipment inspection	At the time of purchase and prior to and after the sampling season

Project Maintenance

Organization	Address	Activity	Frequency
Malheur Watershed District	237 Highway 20 South Hines, OR 97738	Repair	As needed to maintain effective sampling equipment for as long as possible

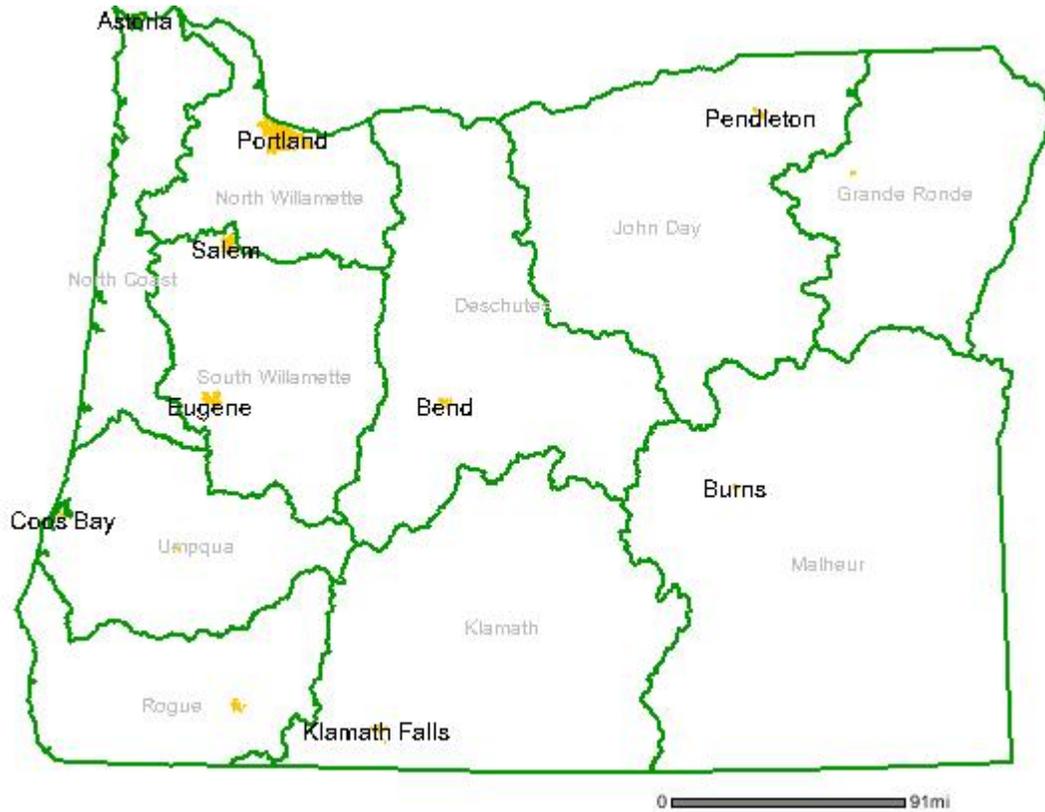
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$18,823.50	\$1,500.00	\$0.00		\$20,323.50	Yes	No	
				Total Match Funding:	\$20,323.50			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Electrofishing batteries	Equipment	2	\$997.00	\$1,994.00	\$0.00	\$1,994.00
Gillnets - Standard	Equipment	5	\$320.00	\$1,600.00	\$0.00	\$1,600.00
Limnetic Sampling Equipment	Equipment	1	\$1,500.00	\$0.00	\$1,500.00	\$1,500.00
Mercury 30 HP outboard motor	Equipment	1	\$5,375.00	\$5,375.00	\$0.00	\$5,375.00
Ponar dredge	Equipment	1	\$775.00	\$775.00	\$0.00	\$775.00
Swedish Gillnets	Equipment	3	\$220.00	\$660.00	\$0.00	\$660.00
Trap Nets	Equipment	6	\$1,134.00	\$6,804.00	\$0.00	\$6,804.00
YSI 20m Cable and ODO Probe	Equipment	1	\$779.00	\$779.00	\$0.00	\$779.00
YSI ProODO Meter	Equipment	1	\$659.00	\$659.00	\$0.00	\$659.00
Shipping - dredge, Temp.-DO meter	Supplies/Materials /Services	1	\$40.00	\$40.00	\$0.00	\$40.00
Shipping- Trap Nets	Supplies/Materials /Services	1	\$137.50	\$137.50	\$0.00	\$137.50
					Total Budget:	\$20,323.50

Project Map



Additional Files

Click a link to view that particular file.

[sig page](#)

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: Malheur WD Fish Management Equipment

Applicant Name: Dave Banks Title: District Fish Biologist

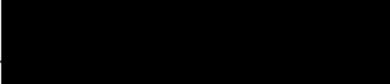
Applicant Signature: David T. Banks Digitally signed by David T. Banks
DN: cn=David T. Banks, o=DOFW, ou,
email=David.T.Banks@state.or.us, c=US
Date: 2014.11.07 12:15:44 -0800 Date: 7-Nov-2014

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: Alan R. Daley Title: KLA/MAC WATERSHED MGR

Manager Signature:  Date: 11/7/14