



R & E Grant Application 09-11 Biennium

Project #:
09-270

Boat ramps signs to prevent illegal fish releases

Project Information

R&E Project Request: \$5,147.00
Match Funding: \$1,250.00
Total Project: \$6,397.00
Start Date: 4/1/2011
End Date: 6/30/2011
Project Email: brent.d.crowe@state.or.us
Project Biennium: 09-11 Biennium
Organization: ODFW - Rogue Watershed District Office

Applicant Information

Name: Brent Crowe
Email: brent.d.crowe@state.or.us

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Project Summary

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

Activity Type: Education

Summary: This project is part of an ongoing effort to educate the public on issues involving aquatic invasive species and illegal fish releases. We are proposing to purchase 50 vinyl signs that say "No Angling with Live Bait Fish" and 50 pre-formed thermoplastic signs which will say "No Live Fish In, No Live Fish Out". These signs will be put up at public boat ramps on lakes and reservoirs in the Rogue Watershed to discourage the transport and release of non-native fish. In some cases the signs will be used to replace existing signs that were put up in 2009 and are beginning to deteriorate or have disappeared.

Objectives: The objective of this project is increased awareness among anglers and the general public about Oregon's prohibition on the use of live fish as bait in lakes and rivers, and transportation of live fish between waterbodies without a permit. We are proposing to purchase a quantity of signs that will be installed at area boat ramps or will replace deteriorated ones.

Fishery Benefits: The Oregon Department of Fish and Wildlife's 25 Year Angling Enhancement Plan identifies the presence of invasive species as a challenge to enhancement of angling opportunities. Non-native fish

species have been illegally introduced into several waterbodies that have historically been stocked with rainbow trout. Prior to the illegal introductions, several of these waterbodies produced high quality trout fisheries. After the non-natives were released, the quality of the trout fisheries declined along with angler satisfaction.

The Rogue District is working hard to stop illegal fish releases. We have worked with various public agencies to post educational materials at their boat ramps. Many anglers are unaware that fishing with live fish as bait is illegal in Oregon lakes and streams; this is especially problematic in southern Oregon because California allows fishing with live fish as bait at some lakes. We suspect that some of the non-natives have been introduced to our lakes by anglers who dump their bait when they have finished fishing for the day. The signs purchased through R&E funds will be placed at boat ramps to increase awareness of Oregon's prohibition on live fish as bait. While this will not directly address those fisheries which have already been impacted by non-native fish introductions, it may prevent the problem from spreading.

The Rogue watershed has suffered a large number of illegal fish releases over time. Redside shiner and Umpqua pikeminnow were illegally released and have become distributed throughout the river and its tributaries. Tui chub and fathead minnows have turned Fish Lake into a mini-Diamond Lake with one important twist—we are not able to eliminate the exotics with rotenone due to the numerous springs in the lake. In addition, thriving warmwater fisheries for largemouth bass and black crappie have been harmed by illegal releases of smallmouth bass and yellow perch.

Watershed Benefits: The signs are part of a public outreach effort to reduce the illegal transport and release of live fish. Illegal fish releases threaten the ecology of our watersheds, the sustainability of our native fish species, the water quality in our reservoirs, and viability of existing trout and warmwater fisheries. More and more these releases expose our watersheds to a multitude of unexpected threats, including bacteria, viruses, parasites, and expanding aquatic invasive species populations. We must respond in order to meet our mission of protecting Oregon's fish and wildlife and their habitat for the benefit of present and future generations.

Current Situation:	In 2009 ODFW met with boating facility managers and others in Southern Oregon and Northern California to start a "State of Jefferson" approach to prevent illegal fish introductions. Three different invasive species signs were placed at public boat ramps in 2009. Vinyl signs that said "No Fishing With Live Bait" were placed in prominent locations at public boat ramps. These signs are expected to deteriorate from exposure to the elements, vandalism, or theft and will need to be replaced. The second set of signs were painted on the boat ramps with a stencil that read "No Live Fish In, No Live Fish Out". These signs are expected to deteriorate due to vehicle traffic and weather. The thermoplastic signs are expected to be more durable and will replace the stenciled signs. The third set of signs were educational signs about a variety of aquatic invasive species, primarily zebra mussels; replacement signs are being developed through the Marine Board.
Alternatives:	The stenciled signs could be repainted. We are proposing to replace them with thermoplastic signs which are expected to be more durable, as recommended by Jackson County Parks staff.
Designer:	The vinyl and thermoplastic signs will be purchased from commercial sources. The signs will be installed by crews of the agencies that manage the local boat ramps.
Methods:	The 50 vinyl signs will be made of PVC and are 24 inches by 6 inches and say "NO ANGLING WITH LIVE BAIT FISH, Report Violations to Oregon State Police (541 776-6236)". These will be placed in prominent locations at each boat ramp, usually where other public notices are posted. The 50 thermoplastic signs will be 20 inches by 5 feet black background with 8 inch yellow letters that say "NO LIVE FISH IN, NO LIVE FISH OUT". These signs will be placed directly on the boat ramps to replace the painted signs that are beginning to fade out. The thermoplastic signs are melted on to the pavement and sealed; they are supposed to be nearly permanent when installed properly. Experienced crews will install the thermoplastic signs.
Inspector:	ODFW staff, park managers
Funding Elements:	R&E funds will be used to purchase 50 vinyl signs, 50 thermoplastic signs, 5 packs of thermoplastic sealer, and 1 thermoplastic dispensing gun.
Partners:	Yes U.S. Bureau of Land Management, U.S. Forest Service, Jackson County Roads and Parks Department, Josephine County Parks Department, Army Corps of Engineers. All of the agencies own public boat ramps and will install the signs on lands they manage.
Existing Plan:	Yes

All current alternative suites of management strategies in the draft conservation plan for Rogue fall chinook list as a management action the need to decrease introductions of potential predators on the species. Similar language is included in the Rogue River Spring Chinook Conservation Plan.

Affected Contacted: Yes

Affected Supportive: Yes

Affected Comments: The agencies that manage the land placed the signs in 2009 and have agreed to replace the signs as necessary.

Project Schedule/Participants/Funding

Activity	Date	Participants
Purchase signs and materials.	4/15/2011	ODFW
Post new signs, replace deteriorate signs.	4/30/2011	ODFW

Affected Species:
Rainbow Trout

Project Permits

This project has no permits.

Project Monitoring

Organization	Address	Activity	Frequency
Oregon Department of Fish and Wildlife	,	Periodic checks to make sure signs are in place	At least annually in the spring.

Project Maintenance

Organization	Address	Activity	Frequency
Oregon Department of Fish and Wildlife	1495 E Gregory Rd Central Point, OR 97502	Will coordinate with land managers to replace signs	As necessary

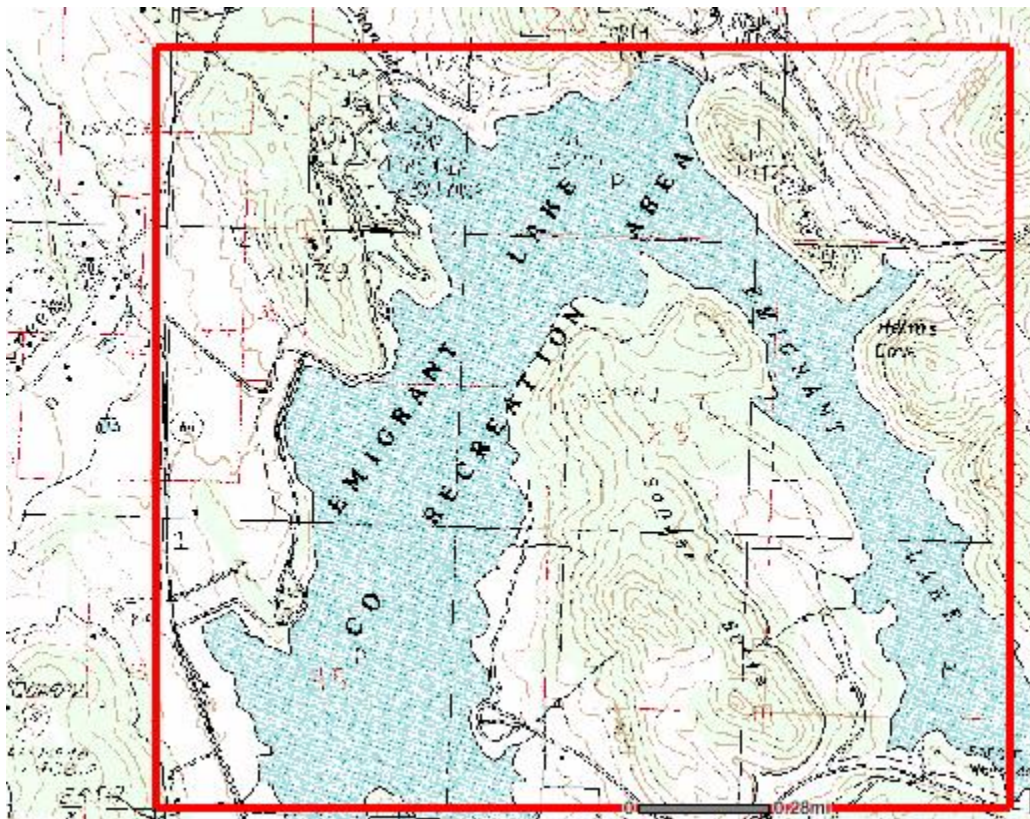
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$5,147.00	\$0.00	\$0.00		\$5,147.00	No	No	
Boat ramp management agencies	\$0.00	\$1,250.00	\$0.00		\$1,250.00	No	No	
				Total Match Funding:	\$6,397.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Freight charges	Supplies/Materials /Services	1	\$258.00	\$258.00	\$0.00	\$258.00
Sign installation	Supplies/Materials /Services	50	\$25.00	\$0.00	\$1,250.00	\$1,250.00
Thermoplastic dispensing gun	Supplies/Materials /Services	1	\$64.00	\$64.00	\$0.00	\$64.00
Thermoplastic sealer kit	Supplies/Materials /Services	5	\$85.00	\$425.00	\$0.00	\$425.00
Thermoplastic signs	Supplies/Materials /Services	50	\$70.00	\$3,500.00	\$0.00	\$3,500.00
Vinal signs	Supplies/Materials /Services	50	\$18.00	\$900.00	\$0.00	\$900.00
					Total Budget:	\$6,397.00

Project Map



Additional Files

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