

**Projects Recommended for Funding**  
**Fish Restoration and Enhancement Board**  
 2007-2009 Biennium – Cycle 8 of 8

The Restoration and Enhancement (R&E) Board met in Salem on February 20, 2009, to review 13 projects requesting funding from the R&E Program. A project must receive a majority of Board votes to be recommended for funding; all seven Board members attended the meeting. A summary of each project, funding requested, designation as sport or commercial funding, public comment, Board vote, and Board discussion points are below. Major issues raised are identified in the Board discussions and any public comment submitted by individuals or groups other than project sponsors are noted. Internal ODFW staff review of each project is provided to the Board and the project sponsor prior to the meeting, and sponsors typically respond to this staff review during their presentation to the Board.

The Board recommends funding the following projects:

<b>Restoration</b>
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<b>Project Number:</b>	07-135
<b>Project Title:</b>	Imnaha River Chinook Salmon Genetics Study
<b>Project Type:</b>	Research
<b>Sponsor:</b>	ODFW – La Grande Fish Research Office
<b>Sport/Commercial:</b>	Sport
<b>Funds Requested:</b>	<b>\$8,640</b>
<b>Total Project Cost:</b>	\$15,279

<b>Match:</b>	
ODFW	\$5,409
NOAA Fisheries	\$1,230
<b>Total Match:</b>	<b>\$6,639</b>

**Description:** This project would utilize genetic analysis to determine whether native and hatchery salmon, and early- and late-returning salmon, are different. ODFW has been releasing hatchery produced Chinook salmon into the Imnaha River since 1984 which is long enough to produce detectable genetic changes in the population. Recent studies suggest that hatchery salmon lose reproductive fitness quickly, and may only contribute minimally to native populations. As high flows prevent early installation of the Imnaha weir, broodstock have been taken primarily from the late half of the run since the hatchery program began. Consequently, hatchery salmon return to the river and spawn later than native salmon.

R&E funds would be used for laboratory supplies, analysis costs, and travel expenses to the NOAA Fisheries Genetics Laboratory.

**Board Discussion:** The Board asked what would be the worse case scenario that could result from the study. Ms. Eddy replied that there are not any bad scenarios that she could foresee with this project. The Board asked what condition the watershed was in currently. Ms. Eddy replied that hatchery returns were good, there is some cattle ranching, but for the most part, the system is in a natural state.

The Board asked how the fish would be marked. Ms. Eddy replied that the tissue is removed from the operculum with a hole punch, which does not appear to cause the fish stress, and gives the researchers the tissue they need to do genetic analysis.

**Board Vote: 7-0**

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**Project Number:** 07-138  
**Project Title:** Trap Nets for Sampling Coos County Lakes  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Charleston  
**Sport/Commercial:** Sport  
**Funds Requested:** \$2,540  
**Total Project Cost:** \$4,300

**Match:**  
ODFW (In-Kind) \$1,760  
**Total Match:** \$1,760

**Description:** This project would fund the purchase of trap nets that will be used to help monitor fish populations in area lakes and to collect fish for display aquariums used in special area events. Fish species found in these lakes include rainbow trout, cutthroat trout, warmwater fish, and ESA listed coho salmon. These populations are monitored using an electrofishing boat and gill nets. Gill nets are most frequently used, but tend to kill many fish. District staff would like to add trap nets to the list of available monitoring tools to help reduce overall fish mortality from sampling.

R&E funds would be used to purchase four trap nets.

**Board Discussion:** The Board asked if any area angler groups were contacted for match funds. Mr. Vonderhoe replied that he did not ask the area groups to contribute to this project as he has some bigger projects he is hoping to contact the groups for assistance later.

**Board Vote: 7-0**

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**Project Number:** 07-142  
**Project Title:** Howard Prairie Creel  
**Project Type:** Monitoring  
**Sponsor:** ODFW – Central Point District Office  
**Sport/Commercial:** Sport  
**Funds Requested:** \$16,907  
**Total Project Cost:** \$21,379

**Match:**  
ODFW In-Kind \$3,972  
Howard Prairie Resort \$500  
**Total Match:** \$4,472

**Description:** The project will evaluate and compare contribution to the fishery between spring and fall fingerlings released into Howard Prairie Reservoir. The Rogue District is implementing the second year of a two year pilot project testing the release of rainbow trout fingerling in the fall as a way to restore a declining trout fishery. The fish are released at a size of approximately eight fish per pound (six to seven inches in length). This size and time of release should reduce or eliminate the risk of predation due to illegally introduced fish species. Howard Prairie is managed to provide a quality trout fishery.

R&E funds would be used for creel staff salary and expenses; mileage, boat gas, uniforms, vehicle rental, and other miscellaneous costs.

**Board Discussion:** The Board asked if ODFW plans to remove the invasive fish in Howard Prairie reservoir. Mr. Van Dyke replied the first goal is to stabilize the trout numbers, and then staff will get a read from the public on what they would like from the fishery.

**Board Vote:** 7-0

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<b>Project Number:</b>	07-143
<b>Project Title:</b>	White Sturgeon Population Assessment
<b>Project Type:</b>	Monitoring
<b>Sponsor:</b>	ODFW – Salem Headquarters
<b>Sport/Commercial:</b>	Sport
<b>Funds Requested:</b>	<b>\$22,000</b>
<b>Total Project Cost:</b>	\$32,000

<b>Match:</b>	
ODFW (In-Kind)	\$10,000
<b>Total Match:</b>	<b>\$10,000</b>

**Description:** This proposal would purchase the equipment necessary to detect and read Passive Integrated Transponder (PIT) tags that are implanted into white sturgeon and to pay for upgrades to the hand-held data devices to enable them to communicate with the PIT tag readers. Assessments of sturgeon population status and harvest rates are currently based on marking adult sturgeon with external tags and recovering marked fish harvested in commercial and recreational fisheries during routine sampling of the catch. Unfortunately, the retention rate of external tags after the first year of marking decreases notably. This problem can be substantially addressed by conversion from the external vinyl tags currently used to PIT tags.

R&E funds would be used for purchase of twelve PIT tag readers, associated software, staff time to program readers, and other miscellaneous supplies.

**Board Discussion:** The Board asked what the timelines for the data are. Mr. Kern replied that the fisheries data is needed immediately; but the analysis is not. The Board asked if ODFW would continue marking the fish with a scute mark if PIT tags are used. Mr. Kern replied that ODFW would continue this mark as this mark indicates what year the fish was tagged. The Board asked if applicant had requested funds from the Bonneville Power Administration. Mr. Kern replied that normally BPA does not like to fund projects on the lower Columbia River, and that the Washington Department of Fish and Wildlife does not have any funds available either.

**Board Vote: 7-0**

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**Project Number:** 07-144  
**Project Title:** Coded Wire Tag Detector Purchase  
**Project Type:** Monitoring  
**Sponsor:** ODFW – Rogue Watershed District  
**Sport/Commercial:** Sport  
**Funds Requested:** \$20,000  
**Total Project Cost:** \$20,000

**Match:** No match provided.

**Description:** This proposal would fund the purchase of handheld coded wire tag detectors, or “wands”. An integral part in monitoring fall Chinook salmon is recovering coded wire tags from hatchery fish. These wands will be shared between the Gold Beach and Central Point District ODFW offices and used to identify Chinook salmon with coded wire tags in their snouts. Coded wire tags provide fishery managers with the hatchery of origin, year of release, number released with the tag group, type of release. These wands can be used on many other district and STEP projects throughout the year.

R&E funds would be used to purchase four handheld coded wire detectors.

**Board Discussion:** The Board asked what is the reliability is of the readers. Mr. Mazur replied that they are sturdy, but if they break, they can be returned for repairs. The Board asked if the ODFW district office has any wands currently. Mr. Mazur replied that staff does not have any on hand, and that that staff have to borrow them from other areas when needed. The Board asked if the sponsor had looked for any match funds. Mr. Mazur replied that volunteers would be using the equipment, and their time could be used as match.

**Board Vote: 7-0**

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**Project Number:** 07-145  
**Project Title:** Umpqua STEP Fish Hauling Tank  
**Project Type:** Propagation - STEP  
**Sponsor:** ODFW – Roseburg  
**Sport/Commercial:** Sport  
**Funds Requested:** \$7,095  
**Total Project Cost:** \$31,931

**Match:**  
Umpqua Fisherman’s Association \$24,836  
**Total Match:** \$24,836

**Description:** This project would the purchase a new fish hauling tank and accessories for the Umpqua STEP district. Tanks currently available in the district are unreliable, not insulated, and due to these two

factors pose a high risk to the fish species being hauled. The new tank would be used for hauling adult winter steelhead, coho, and fall Chinook for spawning at Rock Creek hatchery and also for recycling into the fisheries in the area. Adult trout can also be hauled for stocking at various popular angling “hotspots” and youth fishing events. An insulated tank will reduce mortalities while hauling fish during warm weather as it reduces stress levels on the fish being hauled and will allow for increased hauling capacity which will allow more fish stocking which in turn provides more angler opportunities throughout the district.

R&E funds would be used to purchase a tank and accessories such as oxygen bottles, mounts, and other needed hardware for tank installation.

**Board Discussion:** The Board asked if the proposed tank would fit in the ODFW truck. Ms. Jackson replied it fits in the half-ton truck when the extra springs have been installed. The Board asked if the system is pre-fabricated. Ms. Jackson replied that the tank comes “ready to use.”

**Board Vote:** 7-0

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<b>Project Number:</b>	07-146
<b>Project Title:</b>	Winchester Creek Chinook Salmon Trap
<b>Project Type:</b>	Propagation - STEP
<b>Sponsor:</b>	Gardiner Reedsport Winchester Bay STEP
<b>Sport/Commercial:</b>	Sport
<b>Funds Requested:</b>	<b>\$8,500</b>
<b>Total Project Cost:</b>	\$13,000

<b>Match:</b>	
Gardiner/ Reedsport/ Winchester Bay STEP	\$4,500
<b>Total Match:</b>	<b>\$4,500</b>

**Description:** This project would fund phase one of a two phase project to replace an adult broodstock trap in Winchester Bay near Reedsport and make necessary safety improvements to the trap site. The first phase is to build a portable trap that can be placed into Winchester Creek to capture adult broodstock for the Winchester Creek Fall Chinook Program. This trapping will take place in late September through October in typical years. The trap would be removed when not needed and stored at the Gardiner STEP facility which is a secure location. Chinook salmon reared by the Gardiner/ Reedsport/ Winchester Bay STEP are caught in the open ocean mainly by the commercial fleet and they are a terminal fishery. Some of these fish are also caught by recreational anglers in Winchester Bay and the lower Umpqua River.

R&E funds would be used for purchase of materials and fabrication costs of the trap.

**Board Discussion:** The Board asked if the steps would continue to be a problem. Mr. Godin replied the concrete will be as rough as possible to eliminate slip and the concrete will only be under water when Winchester Creek reaches the high water mark.

The Board asked what they would do if the permits are not obtained. Mr. Godin replied that they are confident they will be approved. The weir and trap are only in place one to two months a year while trapping.

The Board asked about numbers of fish being trapped. Mr. Godin replied the last few years have been low; normally they obtain 35 pairs of hatchery.

The Board asked if the project end date was feasible. Mr. Godin replied that the end date was feasible as they are ready to go once the group gets R&E funding.

The Board asked what the R&E funds would purchase. Mr. Godin replied that R&E funds will be used for fabrication of the trap, materials and if possible, the concrete work. The costs that the Board is seeing right now are estimates. The concrete slabs will be pre-fabricated and then dropped in place when permit is obtained.

**Board Vote:** 7-0

### Enhancement

<b>Project Number:</b>	07-137
<b>Project Title:</b>	Cheadle Lake Boat Access
<b>Project Type:</b>	Access
<b>Sponsor:</b>	Albany Chapter Association of Northwest Steelheaders
<b>Sport/Commercial:</b>	Sport
<b>Funds Requested:</b>	<b>\$20,400</b>
<b>Total Project Cost:</b>	\$28,117

<b>Match:</b>	
City of Lebanon	\$2,000
ODFW	\$420
Albany ANWST	\$5,307
<b>Total Match:</b>	<b>\$7,717</b>

**Description:** The project would construct a floating dock to improve access for anglers at a recently constructed non-motorized boat ramp located on the north end of 106 acre Cheadle Lake in the City of Lebanon. Cheadle Lake was recently acquired by the City and currently supports a warmwater fishery, but the lake property is being further developed as a city park that will provide a variety of recreational opportunities including seasonal trout angling. The ramp at this location is the first to be constructed at Cheadle Lake and will open to public access in spring 2009.

R&E funds would be used for purchase of dock construction materials.

**Board Discussion:** The Board discussed that the Northwest Steelheaders work in general is commendable, and this project provides a great urban fishing opportunity.

The Board asked if there are any ADA accessible areas. Mr. Galovich replied that not currently, but the trails will be ADA accessible when completed.

The Board asked if the sponsor has identified any areas used by western pond turtles. Mr. Galovich replied that these areas have not been identified currently, but they have an idea where they are, and avoid these areas during nesting times. Eventually, they will survey and identify these areas.

**Board Vote: 7-0**

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**Project Number:** 07-140  
**Project Title:** Fish Cleaning Station Repairs  
**Project Type:** Miscellaneous  
**Sponsor:** Port of Umatilla  
**Sport/Commercial:** Sport

**Funds Requested:** \$ 2,000  
**Total Project Cost:** \$ 2,400

**Match:**  
Port of Umatilla \$400  
**Total Match:** \$400

**Description:** This project would replace the disposal unit at the fish cleaning station with a new, more powerful disposal, so that fish waste can be disposed in a safe, clean and effective manner. The Port of Umatilla operates a recreational boat marina in Umatilla and provides a fish cleaning station for anglers to use. The marina and its launch ramp is an access point to the Columbia River for anglers from throughout the Pacific Northwest.

R&E funds would be used to purchase a new disposal unit.

**Board Discussion:** The Board asked how long has this fish cleaning station been in service. Mr. Ray replied over 10 years.  
The Board asked where fish waste would be disposed of. Mr. Ray replied the waste would be ground up and drained into the municipal sewer system.  
The Board asked if there were any vandalism problems with the site. Mr. Ray replied that the manager lives within sight of the station and there have not been any problems.  
The Board also asked how far from the river is the station located. Mr. Ray replied the station is approximately 150 yards away from the river.

**Board Vote: 7-0**

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**Project Number:** 07-148  
**Project Title:** Thurston Middle School Fly Fishing Clinic  
**Project Type:** Education  
**Sponsor:** Eugene- Springfield School District  
**Sport/Commercial:** Sport  
**Enhancement/ Restoration:** Enhancement  
**Funds Requested:** \$ 2,960  
**Total Project Cost:** \$19,996

**Match:**  
Eugene-Springfield School District \$17,036

**Description:** This project would provide funds to cover the cost of substitute teacher pay while one “shift” of a sixth grade class is out of the building facilitating attending outdoor school classes and working on a hatchery project. The sixth grade classes attend these field trips in two shifts, and substitute teachers teach the students on campus. The Springfield School District paid for the cost of these substitute teachers in previous years; however, with the current budget cuts this is not possible this year. This project emphasizes environmental education at Outdoor School and culminates with fin clipping at the McKenzie Salmon Hatchery. The salmon fin-clipping project includes three days of service learning at the McKenzie Salmon Hatchery. Students clip 135,000 salmon for release into the Mohawk River, pull invasive plants, and plant native trees in riparian zones.

R&E funds would be used to fund the salary expenses of substitute teachers.

**Board Discussion:** The Board asked how many youth are involved with the program. Mr. Prindel replied there are approximately 160 Sixth Graders, 40 High School students and 12 college student participants.

The Board also discussed that they are aware they may be setting a precedent with this project, given that school funding is shrinking and will continue to shrink over the next few years. The Board still feels that they would like to evaluate these projects on a case-by-case basis as they feel that these programs do provide tangible youth angling benefits.

**Board Vote:** 7-0

<b>Project Number:</b>	07-149
<b>Project Title:</b>	Shevlin Park Fish Habitat Project
<b>Project Type:</b>	Habitat
<b>Sponsor:</b>	ODFW – Bend
<b>Sport/Commercial:</b>	Sport
<b>Enhancement/ Restoration:</b>	Enhancement
<b>Funds Requested:</b>	<b>\$20,000</b>
<b>Total Project Cost:</b>	\$110,797

<b>Match:</b>	
ODFW	\$6,722
Bend Metro Parks and Recreation Department	\$75,495
Oregon Watershed Enhancement Board	\$ 8,580
<b>Total Match:</b>	<b>\$90,797</b>

**Description:** This project would fund excavator rental and operating costs of placing large logs instream in Tumalo Creek. The project will increase trout production in over three stream miles by increasing pool and edge habitat. Project objectives will be accomplished by construction of 20-30 instream structures that will consist of large whole trees with roots and branches attached. The project area is within Shevlin Park, located outside of Bend, and is operated by Bend Metro Parks Department.

R&E funds would be used to fund excavation costs.



**Board Discussion:** The Board asked if staff would be repositioning the trees. Mr. Williamson replied that those trees that fell across the creek will remain in same area, but the trees may be repositioned for safety reasons if needed.

The Board asked if ODFW would be doing the excavation work. Mr. Williamson replied the work will be contracted out.

The Board asked if two months would be enough time to complete the work. Mr. Williamson replied that he felt that would be enough time, but they will need to get an in-water work waiver to begin earlier than originally anticipated.

The Board asked what will happen if the OWEB grant match to this project is not approved. Mr. Williamson replied they would still be able to accomplish some of the work.

**Board Vote:** 7-0