

Testimony of April Snell, Executive Director, Oregon Water Resources Congress
Submitted to the United States Senate Appropriations
Subcommittee on Interior, Environment, and Related Agencies

April 20, 2018

RE: FY19 Budget for the U.S. Fish and Wildlife Service Fisheries Restoration Irrigation Mitigation Act Program

The Oregon Water Resources Congress (OWRC) is writing to express its strong support for the U.S. Fish and Wildlife Service Fisheries Restoration Irrigation Mitigation Act (FRIMA) Program and is requesting that appropriations for this program be **\$15 million** in FY19, which is what FRIMA is currently authorized for. The FRIMA program is an essential cost-share funding program that helps water users and fishery agencies better protect sensitive, threatened, and endangered fish species while ensuring water supply delivery to farms and communities.

OWRC was established in 1912 as a trade association to support the protection of water rights and promote the wise stewardship of water resources statewide. OWRC members are local governmental entities, which include irrigation districts, water control districts, drainage districts, water improvement districts, and other agricultural water suppliers that deliver water to roughly 1/3 of all irrigated land in Oregon. These water stewards operate complex water management systems, including water supply reservoirs, canals, pipelines, and hydropower production.

FY19 Appropriations

The FRIMA program meets a critical need in fishery protection and restoration, complimenting other programs through the U.S Fish and Wildlife Services (FWS), while leveraging state, local, and private funds. The program provides vital cost-share funding that helps meet fishery needs without placing the burden solely on the backs of farmers and ranchers who rely on the same water source. Fish passage and fish screens installations are a vital component to fishery protection with several benefits:

- Keeps sensitive, threatened and endangered fish out of canals and water delivery systems
- Allows fish to be safely bypassed around reservoirs and other infrastructure
- Eliminates water quality risks to fish species

There are over 100 irrigation districts and other special districts in Oregon that deliver water supplies to over one million acres of irrigated cropland in the state. Almost all of these districts are affected by either state or federal Endangered Species Act listings of Salmon, Steelhead, Bull Trout or other sensitive, threatened or endangered species. The design and installation of fish screens and fish passage to protect the myriad of fish species is often cost-prohibitive for individual districts to implement without outside funding sources.

Oregon irrigation districts anticipate no less than \$25 million in funding will be required to meet current fish passage and fish screen needs. Limited cost-share funds are available from the Oregon Watershed Enhanced Board (OWEB) program in Oregon, but the primary cost-share for fish screen and fish passage projects has been provided by the districts and their water users.

Project needs include both construction of new fish screens and fish passage facilities as well as significant upgrades of existing facilities to meet new requirements (new species, new science) of the National Oceanic and Atmospheric Administration (NOAA) Fisheries Service and the FWS. Upgrades are often needed to modernize facilities with new technologies that provide better protection for fish species as well as reduced maintenance and increased lifespan for the operator.

Background of the Fisheries Restoration Irrigation Mitigation Act (FRIMA) Program

FRIMA, originally enacted November 2000, created a federal partnership program incentivizing voluntary fish screen and fish passage improvements for water withdrawal projects in Idaho, Oregon, Washington and western Montana. The funding goes to local governments for construction of fish screens and fish passage facilities and is matched with non-federal funding. Irrigation districts and other local governments that divert water for irrigation accessed the funding directly, while individual irrigators accessed funding through their local Soil and Water Conservation District (SWCD), which are local governments affiliated with the Natural Resources Conservation Service (NRCS).

FRIMA was reauthorized as part of the Water Infrastructure Improvements for the Nation Act (WIIN) of 2016 for only \$15 million, well short of the estimated \$500 million in fish screening and passage needs in the Pacific Northwest alone. The original legislation in 2000 (PL.106-502) was supported and requested by the Pacific Northwest Partnership, a coalition of local governmental entities in the four Northwest states. As one of the members of that coalition, we appreciate and strongly support your efforts to reauthorize the FRIMA program. The FRIMA legislation authorized \$25 million annually, to be divided equally among the four states from 2001 to 2012, which was when the original authorization expired. The actual funding appropriated to the FRIMA program (through Congressional write-ins) ranged from \$1 million to \$8 million, well short of the \$25 million it was authorized for and far short of what is needed to address fish passage and screening needs across the region. However, that small amount funding was used to leverage other funds and assisted the region in making measurable progress towards addressing fish screens and fish passage needed to protect sensitive, threatened, and endangered fish species.

FRIMA funding was channeled through FWS to state fishery agencies in the four states, distributed using an application and approval process based on a ranking system implemented uniformly among the states, including the following factors: fish restoration benefits, cost effectiveness, and feasibility of planned structure. All projects provided improved fish passage or fish protection at water diversion structures and benefitted native fish species in the area, including several state or federally listed species. Projects were also subject to applicable state and federal requirements for project construction and operation.

Program Benefits

FRIMA projects provide immediate protection for fish and fills a large unmet need in the Pacific Northwest for cost-share assistance with fish screening and fish passage installations and improvements. A report by FWS covering program years FY 2002-2012 provides state-by-state coverage of how the Congressional provided funding has been used in the program. Compared to other recovery strategies, the installation of fish screens and fish passage infrastructure has the

highest assurance for increasing numbers of fish species in the Pacific Northwest. Furthermore, the installation of these devices have minimal impacts on water delivery operations and projects are done cooperatively using methods that are well accepted by landowners and rural communities.

The return of the FRIMA program will catalyze cooperative partnerships and innovative projects that provide immediate and long-term benefits to irrigators, fishery agencies, and local communities throughout the Pacific Northwest. This program is also a wise investment, with past projects contributing more than the required match and leveraging on average over one dollar for each federal dollar invested. FRIMA provides for a maximum federal cost-share of 65%, with the applicant's cost-share at 35% plus the on-going maintenance and support of the structure for passage or screening purposes. Applicants operate the projects and the state agencies monitor and review the projects.

Oregon's Project Benefits

Twenty-six fish screens or fish passage projects in Oregon were previously funded using FRIMA for part of the project financing. These projects have led to:

- Installation of screens at seventeen diversions or irrigation pumps
- Removal or modification of twelve fish passage barriers
- Three-hundred sixty-five miles being re-opened to fish passage

In addition, the Oregon Department of Fish and Wildlife (ODFW) has used some of the FRIMA funding to develop an inventory of need for fish screens and passages in the state. Grants ranged from just under \$6,000 to \$400,000 in size with a local match averaging 64% of the project costs, well over the amount required under the Act (35%). In other words, each federal dollar invested in the FRIMA program generates a local investment of just over one dollar for the protection of fish species in the Pacific Northwest.

The following are examples of how Oregon used some of its FRIMA money:

Santiam Water Control District Project: Fish screen project on a large 1050 cubic feet per second (cfs) multipurpose water diversion project on the Santiam River (Willamette Basin) near Stayton, Oregon. Partners are the Santiam Water Control District, ODFW, Marion Soil and Water Conservation District, and the City of Stayton. Approved **FRIMA** funding of **\$400,000** leveraged a **\$1,200,000** total project cost. Species benefited included winter steelhead, spring Chinook, rainbow trout, and cutthroat trout.

South Fork Little Butte Creek: Fish screen and fish passage project on a 65 cfs irrigation water diversion in the Rogue River Basin near Medford, Oregon. Partners are the Medford Irrigation District and ODFW. Approved **FRIMA** funding of **\$372,000** leveraged a **\$580,000** total project cost. Species benefited included listed summer and winter steelhead, coho salmon, and cutthroat trout.

Running Y (Geary Diversion) Project: Fish screen project on a 60 cfs irrigation water diversion in the upper Klamath Basin near Klamath Falls, Oregon. Partners are the Wocus Drainage District, ODFW, and Jeld-Wen Ranches. Approved **FRIMA** funding of **\$44,727** leveraged a total project cost of **\$149,000**. Species benefited included listed red-band trout and short-nosed sucker.

Lakeshore Gardens Project: Fish screen project on a 2 cfs irrigation water diversion in the upper Klamath Basin near Klamath Falls, Oregon. Partners are the Lakeshore Gardens Drainage District and ODFW. Approved **FRIMA** funding of **\$5,691** leveraged a total project cost of **\$18,970**. Species benefited included red-band trout, short-nosed sucker and Lost River sucker.

Conclusion

Providing appropriations for the FRIMA program will fill a vital funding gap for fish screens and fish passage projects that are needed to better protect sensitive, threatened, and endangered fish species, which also benefits the economy, local communities, and the environment we share. FRIMA funds projects that are ready to be constructed and will provide both immediate improved protections for fish and immediate jobs for the construction of the projects. Dollar-for-dollar, providing screening and fish passage at diversions is one of the most cost-effective uses of restoration dollars, creating fishery protection at low cost, with low risk and significant benefits. The return of the FRIMA program will catalyze cooperative partnerships and innovative projects that provide immediate and long-term economic and environmental benefits to irrigators, fishery agencies, and local communities throughout the Pacific Northwest. We respectfully request an appropriation of \$15 million for U.S. Fish and Wildlife Service's Fisheries Restoration Irrigation Mitigation Act program for FY 2019.

Sincerely,

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