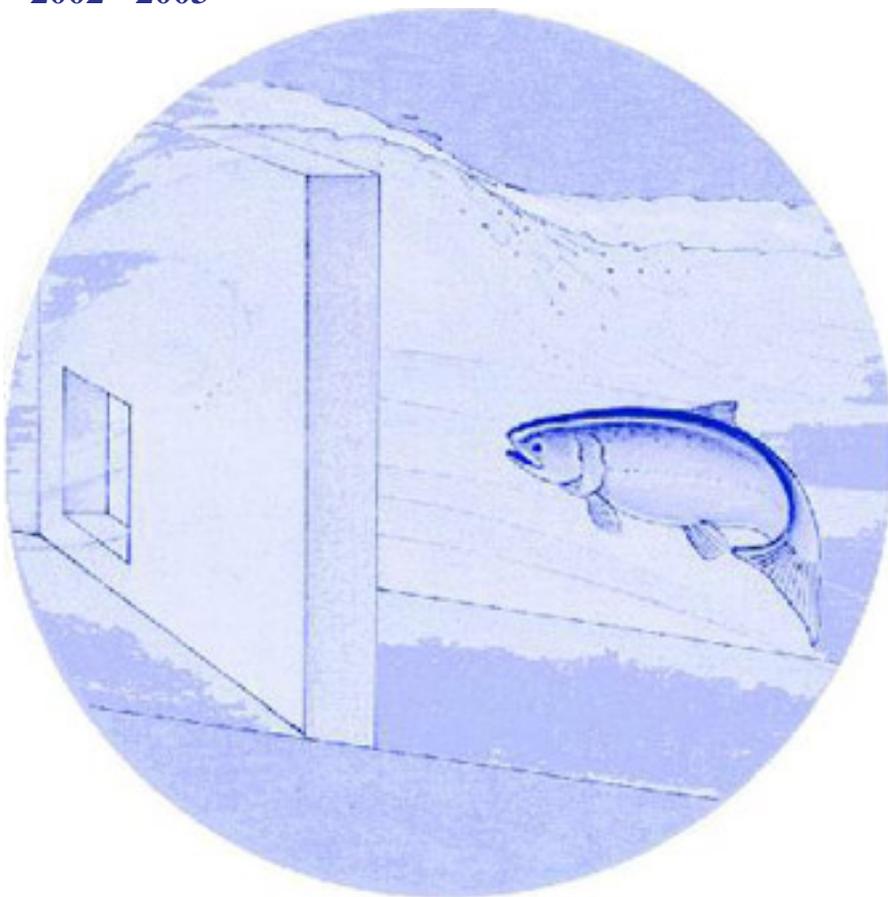


Fabricate and Install Yakima Basin Phase II Fish Screens

Washington Department of Fish and Wildlife

Annual Report
2002 - 2003



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FABRICATE AND INSTALL YAKIMA BASIN PHASE II FISH SCREENS

2003 ANNUAL REPORT

by

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
HABITAT PROGRAM
TECHNICAL APPLICATIONS DIVISION
FISH SCREENING SECTION

Prepared for:

US Department of Energy
Bonneville Power Administration
Fish and Wildlife Program

PROJECT IDENTIFICATION 1991-057-00
PROJECT CONTRACT NUMBER 00005371
PROJECT SUBBASIN YAKIMA

Goal

Prevent mortality and/or injury to all life stages of anadromous and resident fish at irrigation diversions.

Background

Obsolete Yakima basin fish screens constructed in the 1930's, 40's, 50's, 60's, and 70's must be replaced or updated to comply with current regional fish screen biological protection criteria adopted by Columbia Basin Fish and Wildlife Authority (CBFWA), Fish Screening Oversight Committee (FSOC) in 1995. This goal is being accomplished through an on-going effort by the Yakima Basin Phase II Technical Work Group (TWG), which is comprised of local, state, federal, tribal and private groups who prioritizes and assign screening projects. Prioritized screening projects are completed through coordination between the Bureau of Reclamations (BOR), who design and permit, and the WDFW who fabricate the screens for these projects.

2003 Tasks and Accomplishments

The following is the 2004 fish screening facility construction schedule as proposed by the Bureau of Reclamation Design Group (USBR) and Fish Passage Technical Work Group (TWG)

2003: Packwood

Task 1.1 Fabrication of fish screens, brush cleaner drive system, (hydraulic/paddle wheel), flow control baffles, control gates, and miscellaneous metal work.

Schedule: Fall 2003 – Winter 2004

Deliverable: Plate style fish screens; brush cleaning drive system, flow control baffles, and miscellaneous metal work.

Status: Complete

Task 1.2 Installation of fish screens, brush cleaner drive system, flow control baffles, control gates, and miscellaneous metal work.

Schedule: Prior to start of 2004 irrigation season

Deliverable: Installation of Plate style fish screens; brush cleaning drive system, flow control baffles, and miscellaneous metal work.

Status: Installation will start February 23 2004 and completed the week of Mar 8-12, 2004.

Task 1.3 Conduct facility operational checks and provide operational instructions.

Schedule: Prior to start of 2004 irrigation season

Status: Scheduled for completion prior to April 1 2004.

Task 1.4 Provide written operational procedures and maintenance manuals.

Schedule: Prior to start of 2004 irrigation season

Status: Scheduled for completion prior to April 1 2004.

Additional Information

Project accomplishments and annual expenditures for this project are inextricably linked between Project # 199107500, Yakima Phase II Screen-Construction (BOR). This facility will be maintained cooperatively by WDFW and BOR through Projects # 1992009-00, (WDFW) and #00000026-00001, (BOR). Measurable benefits of proper operation of these facilities is being documented through an on-going evaluations program conducted under Project # 198506200 by Pacific Northwest National Laboratory (PNNL). These evaluations are typically completed within three (3) months of the site becoming operational, and three (3) times a year thereafter.