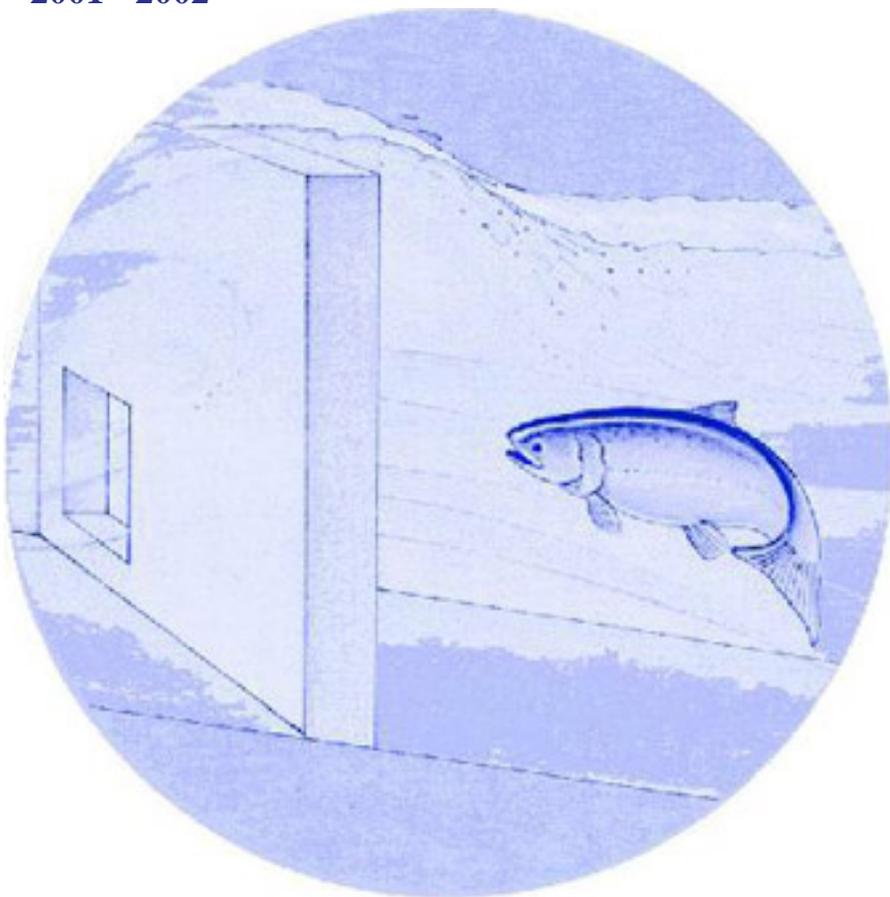


Fabricate and Install Yakima Basin Phase II Fish Screens

Washington Department of Fish and Wildlife

Annual Report
2001 - 2002



This Document should be cited as follows:

Schille, Patrick, "Fabricate and Install Yakima Basin Phase II Fish Screens; Washington Department of Fish and Wildlife", 2001-2002 Annual Report, Project No. 199105700, 7 electronic pages, (BPA Report DOE/BP-00005371-1)

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This report was funded by the Bonneville Power Administration (BPA), U.S. Department of Energy, as part of BPA's program to protect, mitigate, and enhance fish and wildlife affected by the development and operation of hydroelectric facilities on the Columbia River and its tributaries. The views in this report are the author's and do not necessarily represent the views of BPA.

FABRICATE AND INSTALL YAKIMA BASIN PHASE II FISH SCREENS

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Prepared for:

US Department of Energy
Bonneville Power Administration
Fish and Wildlife Program

PROJECT IDENTIFICATION 199105700 PROJECT CONTRACT NUMBER 00005371
PROJECT SUBBASIN YAKIMA

2001-2002 Annual Report

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.

2001 Tasks and Accomplishments

The following is the 2001 fish screening facility construction schedule as proposed by the Bureau of Reclamation Design Group (USBR) and Fish Passage Technical Work Group (TWG); Scott; Powell; LaFortune; Lewis; Packwood; T-jossem; Selah Moxee.

Scott: The Scott construction has been delayed due to right of way issues, it is unclear at this time whether this site will be constructed during the 2002 or 2003 construction period.

Powell-LaFortune: The Powell diversion was combined with the LaFortune diversion per an agreement with the BOR and irrigators.

Task 1.1 Installation of screens, bypass control gate, miscellaneous metal work, and erection of lift gantry. (Completed during spring of 2001)

Deliverable: 4 fish screens 3.5' diameter by 12' long, 1 bypass control gate with ramped flume section, miscellaneous metal work, and 1 lift gantry. (Completed spring of 2001)

Task 1.2 Conduct facility operational checks and operational instructions. (Completed spring of 2001)

Deliverable: Operations and maintenance procedures manual. (Completed fall 2001)

Lewis:

Task 1.1 Installation of modular portable fish screens and miscellaneous metal work. **(Completed during late summer of 2001)**

Deliverable: Modular portable fish screens with bypass and miscellaneous metal work. **(Completed late summer of 2001)**

Task 1.2 Conduct facility operational checks and operational instructions. **(Completed late summer of 2001)**

Deliverable: Operations and maintenance procedures manual. **(Completed fall 2001)**

Packwood:

The Packwood construction has been delayed due to right of way issues, it is unclear at this time whether this site will be constructed during the 2002 or 2003 construction period.

T-jossem :

The T-jossem construction has been delayed due to right of way issues; it is unclear at this time whether this site will be constructed during the 2002 or 2003 construction period.

Selah Moxee:

The Selah Moxee construction has been delayed due to right of way issues, it is anticipated that constructed will be during the 2002 period.

2002 Tasks and Accomplishments

The following is the 2002 fish screening facility construction schedule as proposed by the Bureau of Reclamation Design Group (USBR) and Fish Passage Technical Work Group (TWG); Fogarty; Scott; Packwood; T-jossem; Selah Moxee; Chapman Nelson.

Fogarty:

The Fogarty construction has been delayed due to objections from local WDFW and NMFS biologists as to the location of the screen placement. It has been agreed upon by the TWG to drop this project from the Phase II Screening Program.

Scott:

The Scott construction has been delayed due to right of way issues. Because of the lack of resolution on this matter it has been agreed upon by the TWG to drop this project from the Phase II Screening Program.

Packwood:

The Packwood construction has been delayed due to right of way issues, it is scheduled for constructed during the 2003 construction period.

T-jossem:

The T-jossem construction has been delayed due to the issue of screen site location raised by WDFW's local area habitat biologist. Options are being explored for a preferred screen location with the anticipation of construction during the 2003 construction period.

Selah Moxee:

Task 1.1 Installation of screens, bypass control gate, traveling brush cleaner system, and miscellaneous metal work. **(Completed during spring of 2002)**

Deliverable: Profile bar fish screens panels, bypass control gate with ramped flume section, structural steel components, and miscellaneous metal work. **(Complete spring of 2002)**

Task 1.2 Conduct facility operational checks and operational instructions. **(Complete spring of 2002)**

Chapman Nelson:

Task 1.1 Installation of modular portable fish screens and miscellaneous metal work. **(Completed during winter of 2001)**

Deliverable: Modular portable fish screens with bypass and miscellaneous metal work. **(Complete winter of 2001)**

Task 1.2 Conduct facility operational checks and operational instructions. **(Complete late summer of 2001)**

Deliverable: Operations and maintenance procedures manual. **(Complete fall 2001)**

Additional Information

Project accomplishments and annual expenditures for this project are inextricably linked between Project # 199107500, Yakima Phase II Screen-Construction (BOA). 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).