

US Fish and Wildlife Service

SUMMARY OF FRIMA

Washington 2003



Division of Federal Aid

October 3, 2005

X-1-D-3

Cherry Valley Drainage District Pump

The objective of this segment is to install two pumps at the Cherry Valley Drainage District pump station. The pumps will be equipped with screens that meet WDFW and NMFS fish screening criteria. These pumps will replace two pumps that are unscreened. Screening will protect Chinook and coho salmon from being killed when the pumps are run to control flooding on farmland in the district.

Beginning Date: 10/23/2002
Ending Date: 09/30/2004
Federal Cost: \$ 205,725.00
Congressional District(s): 07

X-1-D-4

Amon Creek Passage

The objectives of this segment are to dredge two ponds, place in-stream structures in Amon Creek (Yakima River), to remove a stop-log weir and two culverts not meeting passage criteria, and to construct a steam simulation and two fish ladders. The work is located on Meadow Springs Country Club. Passage will be restored for anadromous and resident fishes.

Beginning Date: 10/23/2002
Ending Date: 05/31/2006
Federal Cost: \$ 162,965.00
Congressional District(s): 04

X-1-D-6

Joseph Creek Diversion Improvements

The objectives of this segment are to replace an existing water diversion on Joseph Creek (Grande Ronde) with either a new gravity diversion system or a pump system. Whichever approach is found most feasible will be constructed. Screens and by-pass structures will meet WDFW specifications. Reconstruction of this private diversion will save listed summer steelhead and spring Chinook salmon that are currently diverted at high flows.

Beginning Date: 10/23/2002
Ending Date: 10/31/2003
Federal Cost: \$ 35,238.00
Congressional District(s): 05

X-1-D-8

WDFW Lands Inventory

The objective of this segment is to inventory screening and passage needs at diversions on lands owned or managed by the Washington Department of Fish and Wildlife. Inventory information will provide a basis for systematic setting of priorities for corrective actions to bring the sites into compliance with state laws.

Beginning Date: 10/23/2002
Ending Date: 09/30/2003
Federal Cost: \$ 95,706.00
Congressional District(s): All

X-1-D-9

Voights Creek Hatchery Ladder - Phase 1

The objective of this segment is to design a fish ladder and associated facilities for the diversion dam at WDFW Voight's Creek Hatchery and to obtain the required permits for construction. Correction of existing passage impediments will increase survival of adult fall Chinook, coho, chum, and pink salmon and steelhead to upstream spawning areas. Fall Chinook salmon in this system are listed as "threatened" under the ESA.

Beginning Date: 10/23/2002
Ending Date: 09/30/2006
Federal Cost: \$ 72,393.00
Congressional District(s): 06

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X-1-D-10

Voights Creek Hatchery Screen - Phase 1

The objective of this segment is to design screens and ancillary devices to exclude juvenile salmonids from being entrained in the hatchery water intake, and to obtain the necessary permits for construction.

When these screens are eventually constructed they will prevent naturally produced salmon and steelhead fry from adults spawning above the hatchery intake from being killed or passed into the hatchery water supply. Fish to be protected include listed Puget Sound ESU fall Chinook salmon as well as coho, chum, and pink salmon, and steelhead.

Beginning Date: 10/23/2002
Ending Date: 09/30/2006
Federal Cost: \$ 89,563.00
Congressional District(s):

X-1-D-11

Soos Creek Fish Ladder - Phase 1: Design & Permitting

The objectives of this grant are to fund the engineering design and environmental permitting necessary for replacement of a pump intake and intake dam on Soos creek (Green River). Engineering designs and environmental permits are necessary before construction (to be funded separately) can begin. The completed project (consisting of this design phase and a subsequent construction phase) will ease the passage of adult wild fall Chinook salmon now manually passed over the intake facility.

Beginning Date: 04/02/2003
Ending Date: 09/30/2004
Federal Cost: \$ 47,380.00
Congressional District(s): 07

X-1-D-12

Walla Walla Screening

The objectives of this project are to implement the Cooperative Compliance Review Program by installing fish screens on pump diversions and gravity diversions in the Washington portion of the Walla Walla basin. Screening these diversions will protect spring Chinook, steelhead, and bull trout from entrainment in water diversions. Entrainment generally results in death of the diverted fishes, so this screening will increase survival of all juvenile salmonids that encounter these diversions.

Beginning Date: 03/17/2003
Ending Date: 12/31/2006
Federal Cost: \$ 236,658.00
Congressional District(s): 05

X-1-D-13

WDFW Inventory - Okanogan & Methow

The objective of this project is to inventory passage and screening needs associated with water diversions in the Okanogan and Methow basins. All fish bearing streams will be walked and all artificial barriers and diversions will be assessed using standard WDFW protocols. This inventory will provide a basis to set priorities for screening and passage improvements and for estimating the nature of improvements needed at each site.

Beginning Date: 04/02/2003
Ending Date: 09/30/2004
Federal Cost: \$ 117,034.00
Congressional District(s): 04