

US Fish and Wildlife Service

SUMMARY OF FRIMA

Washington 2004



Division of Federal Aid

October 3, 2005

X-1-D-15

FRIMA - Peshastin Creek Passage

The objective of this project is to provide upstream and downstream fish passage across a diversion structure on Peshastin Creek, a tributary to the Wenatchee River. The diversion dam and its downstream apron create a barrier to adult and juvenile Chinook salmon at some flows. Completion of the project will restore passage to all juvenile and adult Upper Columbia ESU Spring Chinook salmon, which are federally listed as endangered. Eliminating the passage barrier will allow adult salmon entering Peshastin Creek to pass upstream at any flow for spawning and will allow juveniles to pass downstream of the diversion on their way to the ocean.

Beginning Date: 03/19/2004
Ending Date: 01/31/2007
Federal Cost: \$ 169,600.00
Congressional District(s): 04

X-1-D-16

FRIMA - WDFW Lands Inventory Phase II

The objectives of this project are to inventory WDFW-owned and managed lands statewide for water diversions and any associated passage structures; to assess screening and passage needs at each site; and to set priorities for correction of identified problems. Correction of entrainment and passage problems will save anadromous and resident salmonids and other species from being killed in water diversions, and open passage for those species to spawning and rearing habitats otherwise not available to them. Reconnection of native fish with productive habitats will be ecologically beneficial as well as bolstering fishable populations in some cases.

Beginning Date: 03/19/2004
Ending Date: 09/30/2005
Federal Cost: \$ 97,940.00
Congressional District(s): All

X-1-D-17

FRIMA-Soos Creek Pump Screen - Phase 1: Design and Permitting

The objectives of this project are to evaluate the options for screening and pumping; finalize project designs; and acquire the necessary permits for construction. Completion of this phase will assure that the project is well designed and has all needed permits when construction begins. Completion of the construction project will reduce losses of juvenile fall Chinook, coho, chum, and pink salmon, and steelhead originating from natural production upstream of the pump intake.

Beginning Date: 03/19/2004
Ending Date: 09/30/2006
Federal Cost: \$ 121,697.00
Congressional District(s): 07

X-1-D-18

FRIMA-Clallam Cline Screening

The objectives of phase 1 are to remove existing belt screens and lift gantry, refurbish and reassemble them with new components, and reinstall them at the diversion site; to bring three-phase power into the site; and to install a three-phase 15 hp pump to enable the existing water spray screen cleaning system to function as originally intended. The objective of phase 2 is to rework the irrigation canal headworks off the Dungeness River; including replacement of the access to the various sediment bays in the concrete head works structure, and installation of several slide gates. Rehabilitation of the diversion structure and screen will bring the site into compliance with state and federal fish protection requirements. The improvements will reduce direct and indirect mortality of resident and anadromous salmonids to near zero. Fish protected include ESA-listed Chinook salmon.

Beginning Date: 03/19/2004
Ending Date: 09/30/2005
Federal Cost: \$ 65,359.00
Congressional District(s): All