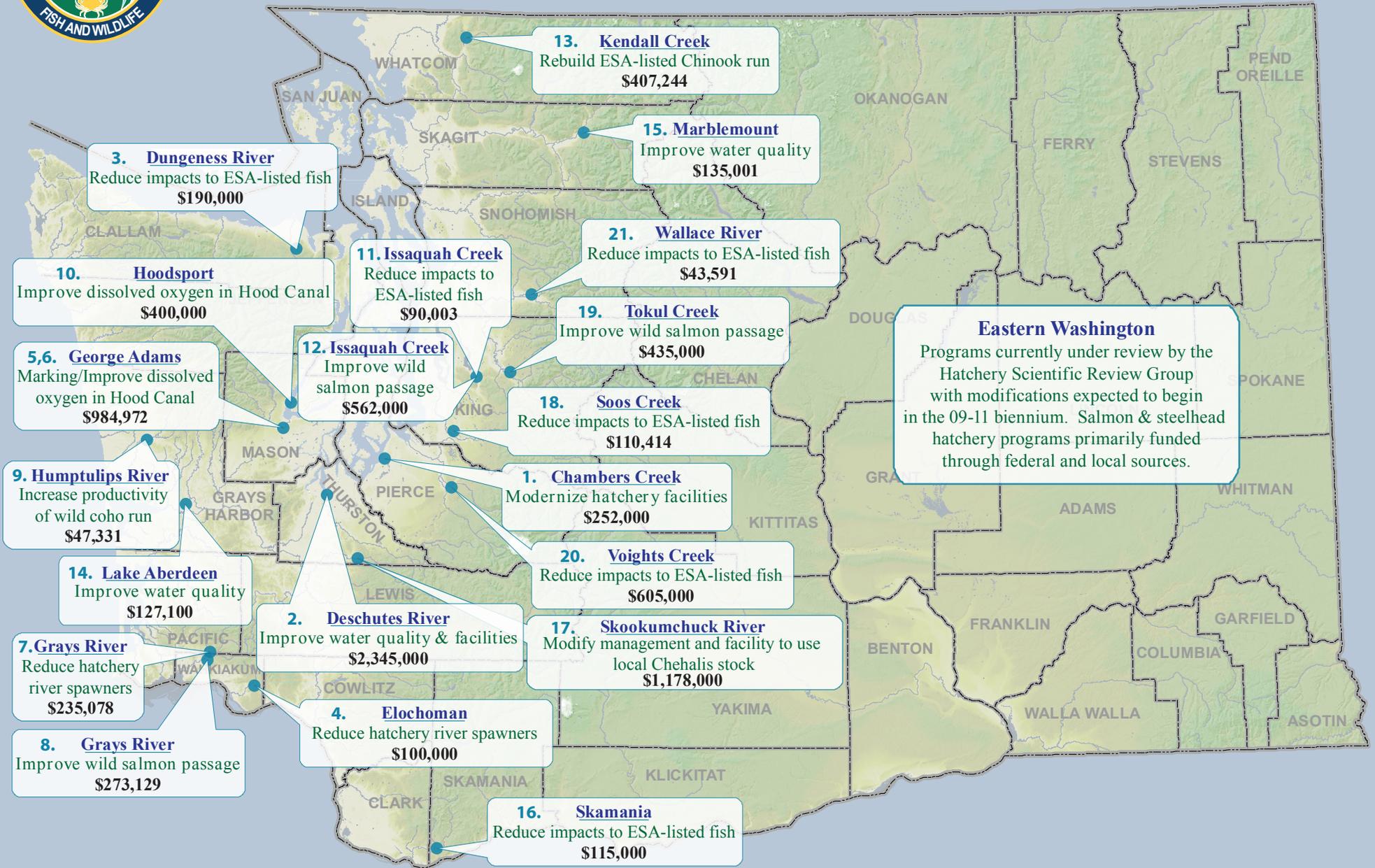




21ST CENTURY
SALMON & STEELHEAD
MANAGEMENT

Hatchery Reform Investment Atlas for 2007-09

\$350,000 State Proviso | \$7,255,412 State Capital | \$1,030,451 Other Funds



WDFW's Hatchery Reform Investments - 2007-2009

Hatcheries produce the majority of fish caught in Washington's salmon and steelhead fisheries and provide substantial economic benefits, particularly to rural areas. Unfortunately, hatchery programs have also been identified as a factor contributing to the decline of many of the salmon and steelhead listed under the federal Endangered Species Act (ESA). To address this concern, the Congressionally-constituted Hatchery Scientific Review Group (HSRG) conducted a scientific, systematic review of hatchery programs. Investments in HSRG recommendations benefit wild salmon and steelhead and provide harvest opportunities for commercial and recreational fisheries.

Location	Project	Cost	Fund source
(1) Chambers Creek	Improve rearing and broodstock facilities (HSRG recommended) (design)	\$252,000	Capital
(2) Deschutes	Improve water quality, provide educational center (design)	\$2,345,000	Capital
(3) Dungeness	Ensure hatchery water intake compliant with ESA requirements (design)	\$190,000	Capital
(4) Elochoman	Remove excess hatchery Chinook to reduce impacts to ESA-listed fish	\$100,000	Capital
(5) George Adams	Improve treatment of hatchery effluent to increase dissolved oxygen in Hood Canal	\$926,311	Capital
(6) George Adams	Mark hatchery production to facilitate selective fisheries and broodstock management	\$58,661	GF-S, Proviso
(7) Grays River	Remove excess hatchery Chinook to reduce impacts to ESA-listed fish	\$235,078	Fed, PCSRF*
(8) Grays River	Modify hatchery intake to assure sufficient stream flows for salmon passage (design)	\$273,129	Mitchell Act
(9) Humptulips	Increase productivity of wild coho run by collecting natural-origin broodstock.	\$47,331	GF-S, Proviso
(10) Hoodport	Improve treatment of hatchery effluent to increase dissolved oxygen in Hood Canal	\$400,000	Capital
(11) Issaquah Creek	Increase productivity of ESA-listed Chinook by collecting natural-origin broodstock	\$90,003	GF-S, Proviso
(12) Issaquah Creek	Improve fish passage for wild salmon	\$562,000	Capital
(13) Kendall Creek	Initiate captive broodstock program to restore ESA-listed Chinook run	\$407,244	PCSRF*, SBREF**
(14) Lake Aberdeen	Improve treatment of hatchery effluent to meet Clean Water Act standards (design)	\$127,100	Capital
(15) Marblemount	Improve treatment of hatchery effluent to meet Clean Water Act standards (design)	\$135,001	Capital
(16) Skamania	Install screening of hatchery water intake to avoid entrapment of ESA-listed salmon	\$115,000	Fed, PCSRF*
(17) Skookumchuck	Modify management and facility to use Chehalis Basin stocks	\$1,178,000	Capital
(18) Soos Creek	Increase productivity of ESA-listed Chinook by collecting natural-origin broodstock	\$110,414	GF-S, Proviso
(19) Tokul Creek	Comply with court order to provide fish passage for ESA-listed salmon (design)	\$435,000	Capital
(20) Voights Creek	Improve treatment of hatchery effluent to meet Clean Water Act standards, remove excess hatchery Chinook to reduce impacts to ESA-listed fish	\$605,000	Capital
(21) Wallace River	Increase productivity of ESA-listed Chinook and coho by collecting natural-origin broodstock.	\$43,591	GF-S, Proviso
Total Cost		\$8,635,863	

* PCSRF: Pacific Coast Salmon Recovery Fund

** SBREF: Southern Boundary Restoration and Enhancement Fund