

**Endangered Species Act
Section 7(a)(2) Consultation**

**State/Tribal Review Draft
Biological Opinion**

**Operation of the Federal Columbia River Power System
including the 19 Bureau of Reclamation Projects in the Columbia Basin
(Revised and reissued pursuant to court order,
NWF v. NMFS, Civ. No. CV 01-640-RE (D. Oregon))**

APPENDICES

APPENDIX A

GEOGRAPHIC EXTENT OF DESIGNATED CRITICAL HABITAT

The following sections describe the geographic extent of critical habitat designations for three species of Snake River salmon (58 FR 68543).

A.1 SNAKE RIVER SPRING/SUMMER CHINOOK SALMON

Critical habitat for this ESU is designated to include river reaches presently or historically accessible (except reaches above impassable natural falls and Dworshak and Hells Canyon dams) to Snake River spring/summer chinook salmon in the Columbia River from a straight line connecting the west end of the Clatsop jetty (south jetty, Oregon side) and the west end of the Peacock jetty (north jetty, Washington side) and including all Columbia River estuarine areas and river reaches proceeding upstream to the confluence of the Columbia and Snake rivers and all Snake River reaches from the confluence of the Columbia River upstream to Hells Canyon Dam. Major river basins containing spawning and rearing habitat for this ESU comprise approximately 22,390 square miles in Idaho, Oregon and Washington. The following counties lie partially or wholly within these basins: Idaho - Adams, Blaine, Custer, Idaho, Lemhi, Lewis, Nez Perce, and Valley; Oregon - Baker, Umatilla, Union, and Wallowa; and Washington - Adams, Asotin, Columbia, Franklin, Garfield, Walla Walla, and Whitman.

A.2 SNAKE RIVER FALL CHINOOK SALMON

Critical habitat for the listed ESU is designated to include river reaches presently or historically accessible (except reaches above impassable natural falls and Dworshak and Hells Canyon dams) to Snake River fall chinook salmon in the Columbia River from a straight line connecting the west end of the Clatsop jetty (south jetty, Oregon side) and the west end of the Peacock jetty (north jetty, Washington side) and including all Columbia River estuarine areas and river reaches proceeding upstream to the confluence of the Columbia and Snake rivers; the Snake River, all river reaches from the confluence of the Columbia River, upstream to Hells Canyon Dam; the Palouse River from its confluence with the Snake River upstream to Palouse Falls; the Clearwater River from its confluence with the Snake River upstream to its confluence with Lolo Creek; and the North Fork Clearwater River from its confluence with the Clearwater River upstream to Dworshak Dam. Major river basins containing spawning and rearing habitat for this ESU comprise approximately 13,679 square miles in Idaho, Oregon, and Washington. The following counties lie partially or wholly within these basins: Idaho - Adams, Clearwater, Idaho, Latah, Lemhi, Lewis, and Nez Perce; Oregon - Baker, Union, and Wallowa; and Washington - Adams, Asotin, Columbia, Franklin, Garfield, Walla Walla, and Whitman.

A.3 SNAKE RIVER SOCKEYE SALMON

Critical habitat is designated to include river reaches presently or historically accessible (except reaches above impassable natural falls and Dworshak and Hells Canyon dams) to Snake River sockeye salmon in the Columbia River from a straight line connecting the west end of the

Clatsop jetty (south jetty, Oregon side) and the west end of the Peacock jetty (north jetty, Washington side) and including all Columbia River estuarine areas and river reaches upstream to the confluence of the Columbia and Snake Rivers; all Snake River reaches from the confluence of the Columbia River upstream to the confluence of the Salmon River; all Salmon River reaches from the confluence of the Snake River upstream to Alturas Lake Creek; Stanley, Redfish, Yellow Belly, Pettit, and Alturas lakes (including their inlet and outlet creeks); and Alturas Lake Creek and that portion of Valley Creek between Stanley Lake Creek and the Salmon River. Watersheds containing spawning and rearing habitat for this ESU comprise approximately 510 square miles in Idaho. The watersheds lie partially or wholly within the following counties: Blaine and Custer.