

# Biological Assessment on Continued Operation and Maintenance of the Deschutes River Basin Projects and Effects on Essential Fish Habitat under the Magnuson-Stevens Act

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Deschutes, Crooked River, and Wapinitia Projects



U.S. Department of the Interior  
Bureau of Reclamation  
Pacific Northwest Region

Lower Columbia Area Office  
Portland, Oregon

Pacific Northwest Regional Office  
Boise, Idaho

September 2003

**U.S. DEPARTMENT OF THE INTERIOR**

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**Deschutes River Basin, Reclamation Projects**



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## SELECTED LIST OF ACRONYMS

BA	Biological Assessment
BE	Biological Evaluation
BiOp or BO	Biological Opinion
BLM	Bureau of Land Management
BPA	Bonneville Power Administration
CCID	Crook County Irrigation District
Cfs	Cubic Feet Per Second
CHU	Critical Habitat Units
COID	Central Oregon Irrigation District
Corps	U.S. Army Corps of Engineers
CTWSRO	Confederated Tribes of the Warm Springs Indian Reservation of Oregon
DRC	Deschutes Resources Conservancy
EA	Environmental Assessment
EFH	Essential Fish Habitat
EPA	Environmental Protection Agency
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
FCRPS	Federal Columbia River Power System
JFDIC	Juniper Flats District Improvement Company
LAU	Lynx Analysis Unit
LCAS	Lynx Conservation Agreement and Strategy

MCR	Middle Columbia River
NEPA	National Environmental Policy Act
NMFS	National Marine Fisheries Service
NPDES	National Pollutant Discharge Elimination System
NUID	North Unit Irrigation District
O&M	Operation and Maintenance
ODEQ	Oregon Department of Environmental Quality
ODFW	Oregon Department of Fish and Wildlife
OID	Ochoco Irrigation District
OSU	Oregon State University
OWRD	Oregon Water Resources Department
PBERP	Pacific Bald Eagle Recovery Plan
PFMC	Pacific Fishery Management Council
PGE	Portland General Electric
Reclamation	U.S. Bureau of Reclamation
RM	River Mile
TMDL	Total Maximum Daily Loads
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey