
INITIAL CONSULTATION DOCUMENT

**FOR THE RELICENSING OF THE
ROCKY REACH HYDROELECTRIC PROJECT
FERC Project No. 2145**

July 7, 1999



**Public Utility District No. 1 of Chelan County
Wenatchee, Washington**

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(To Be Provided In Draft And Final License Applications)

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ACRONYMS, ABBREVIATIONS & DEFINITIONS

A	
A	amperes
ac-ft	acre-feet
ACHP	Advisory Council on Historic Preservation
ADA	American Disabilities Act
ADC	Animal Damage Control
AIR	Additional Information Request
APEA	Applicant-Prepared Environmental Assessment
As	arsenic
B	
BA	Biological Assessment
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BPA	Bonneville Power Administration
BR	Bureau of Reclamation
bypass reach	Chelan River gorge, bypass channel
C	
C	Celsius
c	centi
CBFWA	Columbia Basin Fish and Wildlife
cm	centimeter
CFR	Code of Federal Regulations
cfs	cubic feet per second
Chelan PUD	Public Utility District No. 1 of Chelan County
CIPS	Commission Issuance Posting System
COE	Corps of Engineers
Colville Confederated Tribes	Confederated Tribes of the Colville Reservation
CRMP	Cultural Resource Management Plan
CROHMS	Columbia River Operational Hydro Management System
CRSMA	Columbia River Salmon Mitigation Analysis
cu yd	cubic yard
CWA	Clean Water Act
D	
DE&S	Duke Engineering & Services
DFOP	Detailed Fishway Operating Procedure
DGT	Dissolved Gas Team
DO	dissolved oxygen
DOA	Department of Agriculture

DOC	Department of Commerce
DOI	Department of the Interior
DOJ	Department of Justice
DTU	Daily Temperature Units
E	
EA	Environmental Assessment
ECPA	Electric Consumers Protection Act
EIA	Energy Information Administration
EIS	Environmental Impact Statement
ENR	Environmental & Natural Resources
ENT	enterocci
EPA	Environmental Protection Agency
ESA	Endangered Species Act
EWM	Eurasian Water-milfoil
ESU	Evolutionary Significant Unit
F	
F	Fahrenheit
FC	fecal coliform
Fe	iron
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FGE	Fish Guidance Efficiencies
FH	Fish Hatchery
FLPMA	Federal Land Policy & Management Act
FPA	Federal Power Act
FPC	Fish Passage Center
FPE	Fish Passage Efficiency
fps	feet per second
FR	Federal Register
FS	fecal streptococcus
ft	feet/foot
FTU	Formazine Turbidity Units
FWCA	Fish & Wildlife Coordination Act
FWS	Fish & Wildlife Service
G	
G	giga
g	gram
GBT	Gas Bubble Trauma
GCPud	Public Utility District No. 2 of Grant County
GIS	Geographic Information Systems
GMA	Growth Management Act

Acronyms, Abbreviations and Definitions

GMP	General Management Plan
Gorge	Bypass Reach
gpd	gallons per day
GPS	Global Positioning Systems
gpm	gallons per minute
H	
HCP	Habitat Conservation Plan
HEP	Habitat Evaluation Procedure
HLCTS	Hydropower License Compliance Tracking System
hp	horsepower
HMA	Habitat Management Area
hr	hour
I	
IAC	Interagency Committee for Outdoor Recreation
ICD	Initial Consultation Document
ICP-MS	Inductively Coupled Plasma Mass Spectrometry
IFIM	Instream Flow Incremental Methodology
IGBC	Interagency Grizzly Bear Committee
in	inch
IPP	Interim Protection Plans
IRS	Indian Resources Section
IWW	Irrigation water management
J	
JARPA	Joint Aquatic Resource Permit Application
K	
k	kilo
kcfs	thousand cubic feet per second
km	kilometer
kV	kilovolt(s)
kVA	kilovolt ampere(s)
kW	kilowatt(s)
kWh	kilowatt-hour(s)
L	
l	liter(s)
Lake Chelan Project	Lake Chelan Hydroelectric Project
LARC	Land Use, Aesthetics, Recreation & Cultural Working Group
lb	pound
LCWQC	Lake Chelan Water Quality Committee
LCWQP	Lake Chelan Water Quality Plan

μ	micro
μg	microgram
M	
M	mega
m	meter
m	milli
mg	milligram
mi	mile
MIS	Management Indicator Species
MOU	Memorandum of Understanding
mm	millimeter(s)
MPR	Master Planned Resorts
mps	meters per second
MSL	mean sea level
MVA	megavolt-ampere(s)
MW	megawatt(s)
MWh	megawatt-hour(s)
N	
n	nano
NBS	National Biological Survey
NEPA	National Environmental Policy Act
NEPAAct	National Energy Policy Act
NFMA	National Forest Management Act
NGO	Non-Governmental Organization
NGVD	National Geodetic Vertical Datum (1929 datum) (USC&GS)
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPPC	Northwest Power Planning Council
NPS	National Park Service
NRA	National Recreation Area
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NTSA	Non-Treaty Storage Agreement
NTU	Nephelometric Turbidity Units
NWI	National Wetlands Inventory
NWM	Washington Noxious Weed Management
NWPPC	Northwest Power Planning Council
O	
OEPR	Office of the Environmental Project Review
OHL	Office of Hydropower Licensing
OS	Office of the Solicitor
oz	ounce

P	
P	phosphorus
PA	Programmatic Agreement
PDEA	Preliminary Draft Environmental Assessment
PETS	Proposed, Endangered, Threatened and Sensitive
pf	power factor
PIT	Passive Integrated Transponder
PME	Protection, Mitigation & Enhancement
PMF	Probable Maximum Flood
PMP	Probable Maximum Precipitation
PNCA	Pacific Northwest Coordination Agreement
ppb	parts per billion
ppm	parts per million
Project	Lake Chelan Hydroelectric Project
psi	pounds per square inch
R	
RCW	Revised Code of Washington
RIMS	Records & Information Management System
RM	River mile
ROS	Recreation Opportunity Spectrum
RPA	Forest and Rangeland Renewable Resources Planning Act
RTE	Rare, Threatened and Endangered
S	
SCORP	State Comprehensive Outdoor Recreation Plan
SD1	Scoping Document No. 1 (NEPA)
SD2	Scoping Document No. 2 (NEPA)
SEPA	State Environmental Policy Act
SHPO	State Historical Preservation Office(r)
sq mi	square mile
T	
TC	total coliform
TDG	Total Dissolved Gas
TMDL	total maximum daily load

TN	total nitrogen
TP	total phosphorus
TPN	total persulfate nitrogen
TSP	total soluble phosphorus
U	
UMHO	micro-ohms
USFS	US Forest Service
USFWS	US Fish and Wildlife Service
USGS	US Geological Service (1912 datum)
V	
V	volts
W	
W	watt
WAC	Washington Administrative Code
WDA	Washington Department of Agriculture
WDCTED	Washington Department of Community, Trade & Economic Development
WDE	Washington Department of Ecology
WDF	Washington Department of Fisheries
WDFW	Washington Department of Fish & Wildlife
WDG	Washington Department of Game
WDNR	Washington Department of Natural Resources
WDOT	Washington Department of Transportation
WDPR	Washington Parks & Recreation Commission
WNF	Wenatchee National Forest
WNHP	Washington Natural Heritage Program
WSRA	Wild & Scenic Rivers Act
Y	
yd	yard
Z	
Zn	zinc