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List of Abbreviations and Acronyms

ACZA	ammoniacal copper zinc arsenate
ALC	aquatic life criteria
BLM	Biotic Ligand Model
BMP	best management practice
CCA	chromated copper arsenate
CCC	criterion chronic concentration
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CMC	criterion maximum concentration
Corps, the	U.S. Army Corps of Engineers
DNA	deoxyribonucleic acid
Ecology	Washington State Department of Ecology
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
GIS	geographic information system
HCP	Habitat Conservation Plan
HPA	Hydraulic Project Approval
HPDD	High-pressure directional drilling
HPMS	Hydraulic Project Management System
ITP	Incidental Take Permit
LWD	large woody debris
MHHW	mean higher high water
MLLW	mean lower low water
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
OHWL	ordinary high water line
PAH	polycyclic aromatic hydrocarbon
PAR	photosynthetically active radiation
PEC	probable effects concentration
RCW	Revised Code of Washington
RMS	root mean square
SEL	sound exposure level
SSC	suspended sediment concentration
SWD	small woody debris
TEC	threshold effects concentration
TRA	Tidal Reference Area
TSS	total suspended solids
USACE	U.S. Army Corps of Engineers
USC	United States Code
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
WAC	Washington Administrative Code
WDFW	Washington Department of Fish and Wildlife
WDNR	Washington Department of Natural Resources
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation
USFWS	U.S. Fish and Wildlife Service

List of Units of Measure

C	Celsius
cfs	cubic feet per second
cm	centimeter
cm/sec	centimeters per second
dB	decibels
dB _{peak}	peak decibels during each pulse (either maximum or minimum)
dB _{SEL}	decibels sound exposure level
dB _{RMS}	decibels root mean square – square root of sound energy divided by impulse duration
F	Fahrenheit
Hz	hertz
JTU	Jackson turbidity unit
m	meter
m ³	cubic meter
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mm	millimeter
mm/hr	millimeters per hour
NTU	nephelometric turbidity unit
ppb	parts per billion
µg/cm ² /mm	micrograms per square centimeter per millimeter
µg/L	micrograms per liter
µM/m ² /sec	micro-moles per square meter per second

Note: In general, English measurement units (e.g., feet, inches, miles) are used in this white paper; when the source material expresses a value in metric units, that measurement is also provided in parentheses. However, measurements that by convention are typically made only in metric units are reported in those units (e.g., mg/L, µM/m²/sec). Temperatures are reported in both Fahrenheit and Celsius, regardless of the scale used in the source material.