

## LIST OF ACRONYMS USED IN SOUTH SWP HYDROPOWER DOCUMENTS

§	Section
°C	degrees Celsius
°F	degrees Fahrenheit
µg/kg	microgram per kilogram
µg/L	microgram per liter
µmhos	micro-mhos
µmhos/cm	micro-mhos per centimeter
µS/cm	microsiemens per centimeter
A	ampere
AAQS	ambient air quality standards
AB	Assembly Bill
ABAAS	Architectural Barriers Act Accessibility Standards
ACC	Area Control Center
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act of 1990
ADOE	Archaeological Determinations of Eligibility
AF	acre-feet
AIS	aquatic invasive species
ANF	Angeles National Forest
APE	Area of Potential Effects
ATL	advisory tissue level
ATV	all-terrain vehicle
AVPA	Antelope Valley Area Planning Area
AW	American Whitewater
BCC	Bird of Conservation Concern
BIA	U.S. Department of the Interior, Bureau of Indian Affairs
BLAST	Basic Local Alignment Search Tool
BLM	U.S. Department of the Interior, Bureau of Land Management
BMI	Benthic Macroinvertebrates
BMP	best management practices
BOD	biochemical oxygen demand

B.P.	Before Present
BR RTP	Barren Ridge Renewable Transmission Project
C	California candidate species
CaCO <sub>3</sub>	Calcium carbonate
Cal-EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Cal-IPC	California Invasive Plant Council
Caltrans	California Department of Transportation
CalTrout	California Trout, Inc.
CalVeg	USFS Classification and Assessment with Landsat of Visible Ecological Groupings
CARB	California Air Resources Board
CCR	California Code of Regulations
CDEC	California Data Exchange Center
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDP	census designated place
CDPH	California Department of Public Health
CE DEN	California Environmental Data Exchange Network
CE	California endangered
CEII	Critical Energy Infrastructure Information
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFP	California Fully Protected Species
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGC	California Government Code
CGS	California Geological Survey
cm	centimeters
CN DDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide

CPUE	catch per unit effort
CRHR	California Register of Historical Resources
CRLF	California red-legged frog
CT	current transformer
CTR	California Toxics Rule
CVP	Central Valley Project
CWA	Federal Water Pollution Control Act, known as Clean Water Act
CWC	California Water Code
CWD	Casitas Water District
CWHR	California Wildlife Habitat Relationships
dB	decibel
DBW	California Department of Parks and Recreation, Division of Boating and Waterways
DCPA	dimethyl tetrachloroterephthalate (Dacthal)
DCU	Deer Conservation Unit
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DLA	Draft Application for a New License
DO	dissolved oxygen
DOI	U.S. Department of the Interior
DPR	California Department of Parks and Recreation
DPS	designated population segment
DNA	deoxyribonucleic acid
DO	dissolved oxygen
DOC	dissolved organic carbon
DPS	distinct population segment
DRP	Dispute Resolution Panel
DSOD	DWR's Division of Safety of Dams
DWLOC	drinking water level of comparison
DWR	California Department of Water Resources
EAP	Emergency Action Plan
EC	electrical conductance

eDNA	environmental deoxyribonucleic acid
EFH	Essential Fish Habitat
EIS	Environmental Impact Statement
ELISA	Enzyme linked immunosorbent assay
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FA	fan-cooled forced-air circulation
FC	Candidate species for listing under the federal ESA
FDA	United States Food and Drug Administration
FE	Listed as endangered under the federal ESA
FEA	Final Environmental Assessment
FEIR	Final Environmental Impact Report
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FGC	California Fish and Game Code
FLA	Final Application for a New License
FMP	Fishery Management Plan for Commercial and Recreational Salmon Fisheries
FP	fully protected
FPA	Federal Power Act
fps	feet per second
FR	Federal Register
FRM	Federal Reference Method
FSORAG	Forest Service Outdoor Recreation Accessibility Guidelines
FSS	Listed by USFS as a sensitive species
FSTAG	Forest Service Trail Accessibility Guidelines
FT	federal threatened
ft	feet
FYLF	foothill yellow-legged frog
GDE	groundwater-dependent ecosystems
GHG	greenhouse gas

GIS	Geographic Information System
GLO	General Land Office
GPP	generator powered pulsator
GPS	global positioning system
GWh	gigawatt hours
HEC DSS	U.S. Army Corps of Engineers' Hydrologic Engineering Center Data Storage System
HLPCO	Hydropower License Planning and Compliance Office
hp	horsepower
HPMP	Historic Properties Management Plan
HUC	Hydraulic Unit Codes
Hz	hertz
IHA	Indicators of Hydrologic Alteration
ILP	Integrated Licensing Process
IPaC	Information for Planning and Conservation
ISO	Independent Service Operator
ISR	Initial Study Report
ITA	Indian Trust Assets
IUCN	International Union for Conservation of Nature
kA	kiloampere
KOP	Key Observation Point
kV	kilovolt
kVA	kilovolt-amperes
L%	percentile distribution of sound levels
LADWP	Los Angeles Department of Water and Power
Ldn	day-night average sound level
Leq	equivalent sound level
Licensees	DWR and LADWP
LMP	Southern California Forest Land and Resource Management Plans
LPNF	Los Padres National Forest
LRMP	Land and Resource Management Plan
LWD	large woody debris

LWM	large woody material
M	magnitude
MBAS	methylene blue activated substances
MBTA	Migratory Bird Treaty Act
MCL	maximum contaminant level
mcy	million cubic yards
mg/kg	milligram per kilogram
mg/L	milligram per liter
MGD	million gallons per day
mm	millimeters
MOU	memorandum of understanding
mph	miles per hour
MSA	Magnuson-Stevens Fishery Conservation and Management Act of 1976
MSDS	material safety data sheet
msl	mean sea level
MTBE	methyl tert-butyl ether
MVA	megavolt-amperes
MW	Megawatts
MWD	Metropolitan Water District of Southern California
mya	million years ago
NAHC	Native American Heritage Commission
NAS	Nonindigenous Aquatic Species Information Database for USGS
NAWMP	North American Waterfowl Management Plan
NCP	Notice of Commencement of Proceeding
NDA	Non-Disclosure Agreement
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NFS	National Forest Service
NGO	Non-Governmental Organization
NHPA	National Historic Preservation Act
NL	notification level

NMFS	National Marine Fisheries Service
NMFS-S	listed by NMFS as a Species of Concern
NMWSE	Normal Maximum Water Surface Elevation
NNIP	non-native invasive plants
No.	Number
NO2	nitrogen dioxide
NOD	Notice of Dispute
NOI	Notification of Intent to File an Application for a New License
NPDES	National Pollutant Discharge Elimination System
NPS	U.S. Department of the Interior, National Park Service
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NRI	Nationwide Rivers Inventory
NTR	National Toxics Rule
NTU	Nephelometric Turbidity Unit
NVUM	National Visitor Use Monitoring
NWI	National Wetlands Inventory
O&M	Operations and Maintenance
O <sub>3</sub>	ozone
OA	open-air circulation
OHHEA	California Office of Environmental Health Hazard Assessment
OHP	Office of Historic Preservation
OHV	off-highway vehicle
OHWM	ordinary high water mark
P	phosphorus
PAD	Pre-Application Document
PCA	Pest Control Advisors
PCB	polychlorinated biphenyl
PFC	proper functioning condition
PFMA	Potential Failure Mode Analysis
PFMC	Pacific Fishery Management Council

pH	Numeric scale of 0 to 14 that is used to specify the acidity and alkalinity of an aqueous solution
PHABSIM	Physical Habitat Simulation
PHG	Public Health Goal
PLP	Preliminary License Proposal
PM2.5	Fine Particulate Matter less than or up to 2.5 micrometers in diameter
PM10	Respirable Particulate Matter less than or up to 10 micrometers in diameter
PM&E	protection, mitigation, and enhancement
ppb	parts per billion
ppm	parts per million
PSP	Proposed Study Plan
PT	potential transformer
Pyramid reach	18.1-mile long section of Piru Creek, which extends from the spillway or a low-level outlet from Pyramid Dam to the NMWSE of Lake Piru
QAC	Qualified Applicators Certificate
QAPP	Quality Assurance Program Plan
QA/QC	Quality Assurance/Quality Control
QPCR	quantitative polymerase chain reaction
R.L.	reporting limit
REA	Ready for Environmental Analysis
Reclamation	U.S. Department of the Interior, Bureau of Reclamation
ROS	recreation opportunity spectrum
rpm	revolutions per minute
RSD	relative stock densities
RTK	Real Time Kinetic
RWB	reach wide benthos
RWQCB	Regional Water Quality Control Board
SAFIT	Southwestern Association of Freshwater Invertebrate Taxonomists
SAV	submerged aquatic vegetation
SCADA	supervisory control and data acquisition



SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCORP	State Comprehensive Outdoor Recreation Plan
SD1	Scoping Document 1
SD2	Scoping Document 2
SE	California State endangered
SFD	DWR's Southern Field Division
SHPO	State Historic Preservation Officer
SIO	Scenic Integrity Objective
SIP	State Implementation Policy
SL	standard length
SM	Standard Method
SO2	sulfur dioxide
SOPA	Survey on Public Opinions and Attitudes on Outdoor Recreation in California
SPME	Solid Phase Microextraction
SRA	State Recreation Area
SSC	Species of Special Concern
ST	California State threatened
SVL	snout to vent length
su	standard unit
SVRA	State Vehicular Recreation Area
SWAMP	Surface Water Ambient Monitoring Program
SWP	State Water Project
SWRCB	State Water Resources Control Board
TAF	thousand acre-feet
TCP	Traditional Cultural Properties
TDS	total dissolved solids
TES	Threatened, Endangered and Sensitive
TMDL	Total Maximum Daily Load
TOC	total organic carbon
TR	Trouble Report

TSO	time schedule order
TSS	total suspended solids
UC	University of California
U.S.	United States
USB	Universal Serial Bus
U.S.C.	United States Code
USACE	United States Army Corps of Engineers
USB	Universal Serial Bus
USDA	United States Department of Agriculture
USFS	U.S. Department of Agriculture, Forest Service
USFWS	U.S. Department of the Interior, Fish and Wildlife Service
USGS	United States Geological Survey
USR	Updated Study Request
UV	ultraviolet
UWCD	United Water Conservation District
VCWPD	Ventura County Watershed Protection District
VDL	Vista Del Lago
WHR	Wildlife Habitat Relationships
WPLT	Western Pluvial Lakes Tradition
WPT	Western Pond Turtle
WQC	Water Quality Certification
WSE	Water Surface Elevation
WUI	Wildland/Urban Interface
WY	Water Year
YOY	young-of-the-year