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List of Acronyms and Abbreviations

°C	degrees Celsius
°F	degrees Fahrenheit
µg/L	micrograms per liter
AB	Assembly Bill
ac-ft	acre-feet
ACHP	Advisory Council on Historic Preservation
ACT	Auburn to Cool Trail
AGR	Agricultural Supply
AIR	Additional Information Request
AP	avoidance and protection
APCD	Air Pollution Control District
APE	Area of Potential Effect
APLIC	Avian Power Line Interaction Committee
AQMD	Air Quality Management District
ARPA	Archeological Resources Protection Act of 1979
ASRA	Auburn State Recreation Area
Auburn Project Lands	Auburn Dam and Reservoir Project
BA/BE	Biological Assessment/Biological Evaluation
Basin Plan	Sacramento River Basin and San Joaquin River Basin Water Quality Control Plan
BCC	Birds of Conservation Concern
BEMP	Bald Eagle Management Plan
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BMI	benthic macroinvertebrate
BMIMP	Benthic Macroinvertebrate Monitoring Plan
BMPs	Best Management Practices
bp	before present
CAA	Clean Air Act
CAAQS	California ambient air quality standards
Cal/EPA	California Environmental Protection Agency
CAL-FIRE	California Department of Forestry and Fire Protection
CalVeg	California Visible Ecological Groupings
CARB	California Air Resources Board
CASPO	California spotted owls
CDC	California Department of Conservation
CDEC	California Data Exchange Center

CDF	California Department of Forestry
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act
Certification	State Water Quality Certification
CESA	California Endangered Species Act
CFPS	California Fully Protected Species
CFR	Code of Federal Regulation
cfs	cubic feet per second
CH ₄	methane
CHSC	California Health and Safety Code
CMP	California-Mexico Power
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalents
COLD	Cold Freshwater Habitat
Commission	Federal Energy Regulatory Commission
CORP	California Outdoor Recreation Plan
Council	Advisory Council on Historic Preservation
County	County of Placer
CPUE	catch per unit effort
CRLF	California red-legged frog
CSBP	California Stream Bioassessment Procedure
CSC	California Species of Special Concern
CTR	California Toxics Rule
CTVCT	Colfax-Todds Valley Consolidated Tribe
CV	Central Valley
CVP	Central Valley Project
CWA	Clean Water Act
CWHR	California Wildlife Habitat Relationships
CZMA	Coastal Zone Management Act
dbh	diameter at breast height
DCUA	dispersed concentrated use area
DFPZ	Defensible Fuel Profile Zones
DO	dissolved oxygen
DPR	Department of Parks and Recreation

DPS	distinct population segment
Draft Recovery Plan	Public Draft Recovery Plan for Central Valley Winter-run and Spring-run Chinook Salmon and Steelhead
DSOD	Division of Safety of Dams
DWR	Department of Water Resource
EAP	Emergency Action Plan
EDCWA	El Dorado County Water Agency
EDWPA	El Dorado Water and Power Authority
EFH	Essential Fish Habitat
EIR	environmental impact report
EIS	Environmental Impact Statement
ELC	Existing License Conditions
EMFAC	Emissions Factors
ENF	Eldorado National Forest
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
ETP	Employee Training Program
ETP	Environmental Training Program
EVC	existing visual condition
Exhibit E	Exhibit E – Environmental Exhibit
FEIS	Final Environmental Impact Statement
FERC	Federal Energy Regulatory Commission
FHDP	Foresthill Divide Community Plan
Final License Application	Application for New License
Finance Authority	Middle Fork Project Finance Authority
Forest Plan	Land and Resource Management Plan
Forest Service	United States Department of Agriculture-Forest Service
FPA	Federal Power Act
FPMP	Fish Population Monitoring Plan
FPSP	Fire Prevention and Suppression Plan
FPUD	Foresthill Public Utility District
FR	Forest Route
FRMP	Flow and Reservoir Monitoring Plan
FSEIS	Final Supplemental Environmental Impact Statement
FSS	Forest Service Sensitive
FY	fiscal years

FYLF	foothill yellow-legged frog
FYLFMP	Foothill Yellow-Legged Frog Monitoring Plan
GCMP	Granite Chief Wilderness Management Plan
GDPUD	Georgetown Divide Public Utility District
GHG	greenhouse gas
GIS	Geographic Information System
GP/IRMP	General Plan and Interim Resource Management Plan
GRMP	Geomorphology/Riparian Monitoring Plan
GWP	global warming potential
HB	Howell-Bunger
HFCs	hydrofluorocarbons
HHD	heavy, heavy duty
HPMP	Historic Properties Management Plan
HRCA	Home Range Core Area
HSC	habitat suitability criteria
IBI	index of biotic integrity
IFRM	Instream Flow and Reservoir Minimum Pool Measure
ILP	Integrated Licensing Process
IPCC	Intergovernmental Panel on Climate Change
IRMP	Interim Management Plan
km	kilometers
KOP	Key Observation Point
kV	kilovolts
LD	light duty
License Application	Application for New License
List	List of Comprehensive Plans
LRMP	Land and Resource Management Plan
LSEs	load serving entities
LTAB	Lake Tahoe Air Basin
lwd	large woody debris
m	Meter
MA	Management Area
MBIOMP	Mercury Bioaccumulation Monitoring Plan
MCAB	Mountain Counties Air Basin
MCL	Maximum Concentration Level
MCL	Maximum Contaminant Level
MD	medium duty
MFP	Middle Fork American River Project

mg/kg	milligram per kilogram
mg/L	milligrams per liter
MIF	minimum instream flow
MIS	Management Indicator Species
mm	millimeter
MOA	Memorandum of Agreement
Model	Middle Fork Project Operations Simulation Model
mph	miles per hour
MRF	Materials Recovery Facility
msl	mean seal level
MT	metric tons
MUN	Municipal and Domestic Supply
MW	megawatts
MWh	megawatt hours
my	million years
mybp	million years before present
N ₂ O	Nitrous Oxide
NAAQS	national ambient air quality standards
NAGPRA	Native American Graves Protection and Repatriation Act
National Policy	National Recreational Fisheries Policy
NEPA	National Environmental Policy Act
NFS	National Forest Service
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO ₂	Nitrogen Dioxide
NOI	Notice of Intent
NO _x	Oxides of Nitrogen
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Place
NRI	Nationwide Rivers Inventory
NRPH	National Register of Historic Places
NSPS	New Source Performance Standards
NTR	National Toxics Rule
NWIS	National Water Information System
O ₃	Ozone
OCAP BiOP	Opinion on the Long-Term Operations of the Central Valley Project and California State Water Project
OEHHA	Office of Environmental Health Hazard Assessment

OES	Office of Emergency Services
OHV	off-highway vehicle
ORV	outstandingly remarkable value
PA	Programmatic Agreement
PACs	protected activity centers
PAD	Pre-Application Document
PAOT	people at one time
PCA	pest control advisor
PCAPCD	Placer County Air Pollution Control District
PCT	Pacific Crest Trail
PCWA	Placer County Water Agency
PFCs	perfluorocarbons
PG&E	Pacific Gas & Electric Company
pH	potential of hydrogen
Plan	Rubicon River Wild Trout Management Plan
Plenary	Plenary Group
PM ₁₀	particulate matter less than 10 microns
PM _{2.5}	particulate matter less than 2.5 microns
PMF	Probable Maximum Flood
POW	Hydropower Generation
PR	partial retention
Program	California Wild Trout Program
Project	Middle Fork American River Project
Protocols	Communication and Participation Protocols
PSEP	pre-stocking evaluation protocol
RCA	Riparian Conservation Area
REA	Ready for Environmental Analysis
REC 1	Water Contact Recreation
REC 2	Water Contact Recreation
Reclamation	United States Bureau of Reclamation
Recreation Outlook	Recreation Outlook in Planning District 3
RM	River Mile
RMP	Resource Management Plan
ROD	Record of Decision
ROS	Recreation Opportunity Spectrum
RPA	reasonable and prudent alternative
RRWTMP	Rubicon River Wild Trout Management Plan
RV	recreational vehicle

RVD	Recreation Visitor Days
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCS	Soil Conservation Service
SD	Supporting Document
SF ₆	sulfur hexafluoride
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMP	Sediment Management Plan
SMUD	Sacramento Municipal Utility District
SNFPA	Sierra Nevada Forest Plan Amendment
SO ₂	Sulfur Dioxide
SPCCP	Spill Prevention Control and Countermeasure Plan
SPLATS	strategically placed area treatment
SPWN	Spawning, Reproductive, and/or Early Development
State Parks	California Department of Parks and Recreation
State Water Board	State Water Resources Control Board
STORET	STOrage and RETrieval
SUP	Special Use Permit
SVAB	Sacramento Valley Air Basin
SWAMP	Surface Water Ambient Monitoring Program
SWP	State Water Project
TNF	Tahoe National Forest
TSMP	Transportation System Management Plan
TSP	Technical Study Plan
TSR	Technical Study Report
TVES	Terrestrial Visual Encounter Surveys
TWG	Technical Working Group
UAIC	United Auburn Indian Community
UARP	Upper American River Project
Updated Study Report	2008 Study Implementation Progress Report
USACE	United States Army Corps of Engineers
USBR	United States Bureau of Reclamation
USDA-FS	United States Department of Agriculture-Forest Service
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service

USGS	United States Geological Survey
VIPMP	Vegetation and Integrated Pest Management Plan
VMS	Visual Management System
VOC	volatile organic compounds
VQO	visual quality objective
VRMP	Visual Resource Management Plan
W&SR	Wild and Scenic River
WARM	Warm Freshwater Habitat
Water Boards	State Water Resources Control Board and Regional Water Quality Control Board
Watershed	Middle Fork American River Watershed
WECC	Western Electricity Coordinating Council
WILD	Wildlife Habitat
WPT	western pond turtle
WPTMP	Western Pond Turtle Monitoring Plan
WQMP	Water Quality Monitoring Plan
WQPP	Water Quality Protection Plan
WSE	water surface elevation
WSRA	Wild and Scenic Rivers Act
WST	Western States Trail
WTMP	Water Temperature Monitoring Plan
WUA	weighted usable area
YOY	young-of-the-year