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# Acronyms and Abbreviations

AADT	annual average daily traffic
ACHP	Advisory Council on Historic Preservation
Adaptive Management Plan	Battle Creek Salmon and Steelhead Restoration Project Adaptive Management Plan
ADT	Average Daily Trip
af	acre-feet
AFRP	Anadromous Fish Restoration Program
APE	area of potential effects
ASIP	Action Specific Implementation Plan
BCWC	Battle Creek Watershed Conservancy
BCWG	Battle Creek Working Group
BLM	U.S. Bureau of Land Management
BMPs	Best Management Practices
CAAA	Clean Air Act Amendments of 1990
CAAQS	California Ambient Air Quality Standards
CALFED	CALFED Bay-Delta Program
CalPX	California Power Exchange
CAMP	Comprehensive Assessment Monitoring Program
CARB	California Air Resources Board
CCR	California Code of Regulations
CDF	California Department of Forestry and Protection
CDP	census designated places
CEC	California Energy Commission
CEQ	U.S. Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulation
cfs	cubic feet per second
CIWMB	California Integrated Waste Management Board
CMARP	Comprehensive Monitoring, Assessment, and Research Program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
Communications Protocol	Communications Protocol for Preparing NEPA/CEQA Documents, the FERC License Amendment Application, and Other Related Documents for the



	Battle Creek Salmon and Steelhead Restoration Project, Battle Creek Hydroelectric Project, FERC Project No. 1121
Corps	U.S. Army Corps of Engineers
CRHR	California Register of Historical Resources
CT	census tracts
CVPIA	Central Valley Project Improvement Act
CVRWQCB	Regional Water Quality Control Board, Central Valley Region
CWA	Clean Water Act
dB	decibels
dBA	A-weighted sound pressure levels, or decibels
DDT	dichlorodiphenyltrichloroethane
Delta	Sacramento–San Joaquin River Delta
DFG	California Department of Fish and Game
EIS/EIR	Environmental Impact Statement/Environmental Impact Report
EMT	Emergency Medical Technician
EPA	U.S. Environmental Protection Agency
ERP	Ecosystem Restoration Program
ERPP	Ecosystem Restoration Program Plan
ESA	federal Endangered Species Act
ESUs	Evolutionarily Significant Units
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FIRMs	Flood Insurance Rate Maps
FPA	Federal Power Act
FPPA	Farmland Protection Policy Act
FWCA	Fish and Wildlife Coordination Act
General Permit	NPDES General Permit for Storm Water Discharges Associated with Construction Activities
gpm	gallons per minute
GWh	Gigawatt-hours
HAER	Historic American Engineering Record
Hydroelectric Project	Federal Energy Regulatory Commission Project No. 1121
Hz	cycles per second
IFIM	Instream Flow Incremental Methodology
IHN	infectious hematopoietic necrosis
ISO	Independent System Operator
k.a.	thousand years ago
KRIS	Klamath Resource information System
kV	kilovolt
kW	kilowatt

kWh	kilowatt-hour
Ldn	day-night noise level
Leq	equivalent sound level
Lmax	maximum noise output level
LOP	Letter of Permission
m.a.	million years ago
MLTF	Mount Lassen Trout Farms
MOA	memorandum of agreement
MOU	Memorandum of Understanding
MSCS	Multi-Species Conservation Strategy
msl	mean sea level
MW	megawatts
NAAQS	National Ambient Air Quality Standards
NCCPA	Natural Community Conservation Planning Act
NCCPs	natural community conservation plans
NCPC	Northern California Power Company
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NO2	nitrogen dioxide
NOAA Fisheries	National Oceanic and Atmospheric Administration, National Marine Fisheries Service
NOD	Notice of Determination
NOP/NOI	Notice of Preparation/Notice of Intent
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NR	natural resources and recreation
NRHP	National Register of Historic Places
NTUs	nephelometric turbidity units
OSHA	Occupational Safety and Health Administration
p.u.	power units
PCBs	polychlorinated biphenyls
PG&E	Pacific Gas and Electric Company
PHABSIM	Physical Habitat Simulation
PM10	particulate matter of 10 microns or less in mean diameter
ppm	parts per million
ppv	peak particle velocity
PRC	Public Resources Code
psi	pounds per square inch
Qal	Quaternary Alluvium
Qb1	Quaternary Basalt Unit 1
Qb2	Quaternary Basalt Unit 2
Qb3	Quaternary Basalt Unit 3
Qc	Quaternary Colluvium
QF	Qualifying Facility

Qrs	Quaternary Reservoir Sediment
RCC	roller compacted concrete
Reclamation	U.S. Department of the Interior, Bureau of Reclamation
Restoration Project	Battle Creek Salmon and Steelhead Restoration Project .
RM	River Mile
RMR	reliability must run
ROD	Record of Decision
ROG	reactive organic gases
SCAQMD	Shasta County Air Quality Management District
SEL	sound exposure level
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SNTEMP	stream network temperature model
SO2	sulfur dioxide
SOP	specific operating procedures
SVAB	Sacramento Valley Air Basin
SWRCB	California State Water Resources Control Board
TCAPCD	Tehama County Air Pollution Control District .
TCM	traffic control measures
TNC	The Nature Conservancy
tpd	tons per day
TPZ	timber preserve zone
TSS	total suspended solids
Ttd	Unit D of the Tuscan formation
UBC	Uniform Building Code
USBM	U.S. Bureau of Mines
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
Working Group	Greater Battle Creek Watershed Working Group