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Acronyms and Abbreviations

µmhos/cm	micromhos per centimeter
2012b	USEPA
AB 32	Assembly Bill 32, the California Global Warming Solutions Act of 2006
AF	acre-feet
AFRP	Anadromous Fish Restoration Program
AFY	acre-feet per year
AIRFA	American Indian Religious Freedom Act
Antidegradation Policy	State Water Resources Control Board Resolution 68-16
AR/NHI	American Rivers and Natural Heritage Institute
ARB	Air Resources Board
ARPA	Archeological Resources Protection Act
ASR	Aquifer Storage and Recovery
Authority	Bureau of Reclamation and the San Luis & Delta-Mendota Water Authority
AWMPs	Agricultural Water Management Plans
BAAQMD	Bay Area Air Quality Management District
Basin Plan	Water Quality Control Plan for the Sacramento and San Joaquin River Basins
Bay-Delta WQCP	2006 Water Quality Control Plan for the San Francisco Bay/Sacramento–San Joaquin Delta Estuary
BDCP	Bay Delta Conservation Plan
BKD	bacterial kidney disease
BLM	U.S. Bureau of Land Management
BMPs	best management practices
BO	Biological Opinion
BPS	Best Performance Standards
BPTC	best practicable treatment or control evaluation
CAISO	California Independent System Operator
CALFED	CALFED Bay-Delta Program
Cal-IPC	California Invasive Plant Council's
CALSIM	CALSIM Water Resources Simulation Model
CAO	Cooperative Operating Agreement
CASGEM	California Statewide Groundwater Elevation Monitoring
CCCDCD	Contra Costa County Department of Conservation and Development
CCF	Clifton Court Forebay
CCP	Comprehensive Conservation Plan

CCR	California Code of Regulations
CCSF	City and County of San Francisco
CCWD	Contra Costa Water District
CDBW	California Department of Boating and Waterways
CDCR	California Department of Corrections and Rehabilitation's
CDFA	California Department of Food and Agriculture
CDWA	Central Delta Water Agency
CEC	California Energy Commission
Central Valley Water Board	Central Valley Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH4	methane
CII	commercial, industrial, or institutional
cm	centimeter
CNDDB	California natural Diversity Database
CNPS	California Native Plant Society
CO2	carbon dioxide
CO2e	carbon dioxide equivalent
COA	Coordinated Operations Agreement
COG	coordinated operations group
Conservancy	Sacramento–San Joaquin Delta Conservancy
Contra Costa WD	Contra Costa Water District
Council	Delta Stewardship Council
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSD	Community Service District
CSJWCD	Central San Joaquin Water Conservation District
CVFPB	California Central Valley Flood Protection Board
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act
CVPM	Central Valley Production Model
CVSC	Central Valley Salinity Coalition
CWA	Clean Water Act
DAUs	Detailed Analysis Units
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
Delta	Sacramento–San Joaquin Delta
Deuel	Deuel Vocational Institution

DFG	California Department of Fish and Game
Discovery Bay CSD	Town of Discovery Bay Community Services District
DMC	Delta-Mendota Canal
DO	dissolved oxygen
DOI	U.S. Department of the Interior
DPH	Department of Public Health
DPRA	Don Pedro Recreation Agency
DPS	Distinct Population Segment
dS/m	deciSiemens per meter
DSG	Davis Delta Solutions Group
DSM2	Delta Simulation Model 2
DSOD	Division of Safety of Dams's
DWR	Department of Water Resources
DWSP	Delta Water Supply Project
E/I	Export/Inflow
EA	Environmental Assessments
EC	electrical conductivity
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
EIS/EIR	Environmental Impact Statement/ Environmental Impact Report
EMZ	Ecological Management Zone
ENR	Engineering News-Record
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
EWA	Environmental Water Account
EWD	Eastside Water District
Farmland	Farmland of Statewide Importance
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FIRMs	Flood Insurance Rate Maps
FMMP	Farmland Mapping and Monitoring Program
ft	feet
FWUA	Friant Water Users Authority
FY	fiscal year
GBA	Groundwater Banking Authority
GHG	greenhouse gas
GWh	gigawatt hours
GWMP	groundwater management plans
GWP	global warming potential
HCP	habitat conservation plan

HEC	Hydrologic Engineering Center
HFCs	hydrofluorocarbons
HORB	Head of Old River Barrier
HPMP	Historic Properties Management Plan
ICW	Inspection of Completed Works
IEP	Interagency Ecological Program
IEP	Interagency Ecological Program
IEUA	Inland Empire Utilities Agency
IHN	infectious hematopoietic necrosis
IMPLAN	Impact Analysis for Planning model
IPCC	Intergovernmental Panel on Climate Change
IPO	Interim Plan of Operations
IS/MND	initial study/mitigated negative declaration
ISO	Independent System Operators
km	kilometers
kV	kilovolt
KWh	kilowatt hours
LACSD	Los Angeles County Sanitation Districts
LCFS	low carbon fuel standard
LCT	Local Capacity Technical
LMP	Land Management Plan
LSIWA	Lower Sherman Island Wildlife Area
LSJR	Lower San Joaquin River
LSZ	low salinity zone
LTE	long-term emergency
m	meters
MAF	million acre-feet
Manteca	City of Manteca
MCL	maximum contaminant level
Merced ID	Merced Irrigation District
mg/L	milligrams per liter
mgd	million gallons per day
MHW	mean high water
MID	Modesto Irrigation District
MLW	mean low water
mmhos/cm	millimhos per centimeter
MOU	Memorandum of Understanding
Mountain House CSD	Mountain House Community Service District
MRWTP	Modesto Regional Water Treatment Plant
MSL	mean sea level

MSWG	Merced Storm Water Group
MT	metric tons
MW	megawatts
N2O	nitrous oxide
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NCCPA	Natural Communities Conservation Planning Act
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NMFS BO	National Marine Fisheries Service's biological opinion
No Project	LSJR Alternative 1 and SDWQ Alternative 1
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRDC	Natural Resources Defense Council
NRHP	National Register of Historic Places
NWIP	Noxious Weed Information Project
NWS	National Weather Service
OAG	Office of the Attorney General
OCAP	Operational Criteria and Plan
OID	Oakdale Irrigation District
OMR	Old and Middle River
ONRW	Outstanding National Resource Waters
OPR	Office of Planning and Research
PEIR	Program EIR
PFCs	perfluorocarbons
PG&E	Pacific Gas & Electric Company
Plan	San Joaquin County Multi-Species Habitat Conservation and Open Space Plan
Policy	Drinking Water Policy
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
POTWs	Publicly Operated Treatment Works
ppm	parts per million
PPP	Pollution Prevention Plan
ppt	parts per thousand

PRC	Public Resources Code
PSD	Prevention of Significant Deterioration
Psu	practical saline unit
RA	Resource Adequacy
Regional Water Boards	Regional Water Quality Control Boards
Reporting Rule	Greenhouse Gas Reporting Rule
RES	Renewable Energy Standard
RM	River Mile
RMP	Resource Management Plan
RMP/EIS	Resource Management Plan and Environmental Impact Statement
RMs	river miles
RO	reverse osmosis
ROD	Record of Decision
RPA	Reasonable and Prudent Action
RPS	Renewable Portfolio Standard
RVDs	recreation visitor days
San Francisco PUC	San Francisco Public Utility Commission
San Joaquin County HCP	San Joaquin County Multi-Species Habitat Conservation and Open Space Plan
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
Scoping Plan	The Climate Change Scoping Plan
SCWSP	South County Water Supply Program
SDIP	South Delta Improvements Program
SDWA	South Delta Water Agency
SDWQ	southern Delta water quality
SED	Substitute Environmental Document
SEWD	Stockton East Water District
SF6	sulfur hexafluoride
Sierra Nevada	Sierra Nevada Mountains
SJR	San Joaquin River
SJRA	San Joaquin River Agreement
SJRGA	San Joaquin River Group Authority
SJRMEP	San Joaquin River Monitoring and Evaluation Program
SJRRP	San Joaquin River Restoration Program
SJVAPCD	San Joaquin Valley Air Pollution Control District
SMUD	Sacramento Municipal Utility District
SNR	Sierra Nevada Region
SOG	Stanislaus Operations Group
SR	State Route

SSJID	South San Joaquin Irrigation District
State Water Board	State Water Resources Control Board
Stockton	City of Stockton
SWAP	Statewide Agricultural Production
SWP	State Water Project
TAF	thousand acre-feet
TAF/y	thousand acre-feet per year
TBI/NRDC	The Bay Institute and Natural Resources Defense Council
TBP	Temporary Barriers Project
TCPs	traditional cultural properties
TDS	Total Dissolved Solids
TID	Turlock Irrigation District
TL	total length
TMDL	total maximum daily load
Tracy	City of Tracy
UCD	University of California, Davis
Upper SJR	Upper San Joaquin River
USACE	U.S. Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USC	United States Code
USDA	U.S. Department of Agriculture's
USDOI	U.S. Department of the Interior
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USJRBSI	Upper San Joaquin River Basin Storage Investigation
UWMP	urban water management plan
VAMP	Vernalis Adaptive Management Plan
WDRs	Waste Discharge Requirements
WECC	Western Electricity Coordinating Council
WMA	Weed Management Area
WQCP	water quality control plans
WQO	Water Quality Order
WSE	Water Supply Effects
WWTP	wastewater treatment plant facilities
µmhos/cm	micromhos per centimeter