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Acronyms and Abbreviations

°F	Fahrenheit
µg/l	micrograms per liter
µg/m ³	micrograms per cubic meter
µS/cm	microSiemens per centimeter
1995 DEIR/EIS	Delta Wetlands Project 1995 Draft Environmental Impact Report/Environmental Impact Statement
1995 WQCP	1995 Water Quality Control Plan for the San Francisco Bay/Sacramento–San Joaquin Delta Estuary
2000 RDEIR/EIS	2000 Revised Draft Environmental Impact Report/Environmental Impact Statement
2001 FEIR	Delta Wetlands Project 2001 Final Environmental Impact Report (SCH# 1988020824)
AB	Assembly Bill
ACHP	Advisory Council on Historic Preservation
af	acre-feet
af/day	acre-feet per day
af/yr	acre-feet per year
AG	California Attorney General
ARB	California Air Resources Board
AVEK	Antelope Valley–East Kern Water Agency
BA	Biological Assessment
BAAQMD	Bay Area Air Quality Management District
BAU	business as usual
Bay-Delta	San Francisco Bay/Sacramento–San Joaquin Delta
Bcf/day	billion cubic feet per day
BDCP	Bay Delta Conservation Plan
BMPs	best management practices
BOs	Biological Opinions
BPS	Best Performance Standards
Br ⁻	bromide
CAAQS	California ambient air quality standards
CaCO ₃	calcium carbonate
CALFED	CALFED Bay-Delta Program

Cal-IPC	California Invasive Plant Council
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CBD	Central Business District
CCCMVCD	Contra Costa County Mosquito and Vector Control District
CCF	Clifton Court Forebay
CCGP	Contra Costa County General Plan 2005–2020
CCR	California Code of Regulations
CCTA	Contra Costa Transportation Authority
CCWD	Contra Costa Water District
CDC	California Department of Conservation
CDEC	California Data Exchange Center
CDFA	California Department of Food and Agriculture
CDWA	Central Delta Water Agency
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFGF	California Fish and Game Code
cfs	cubic feet per second
CH ₄	methane
CIMIS	California Irrigation Management Information System
Cl ₂	chlorine
CMA	Congestion Management Agency
CMP	Congestion Management Plan
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPPA	California Native Plant Protection Act
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
Corps	U.S. Army Corps of Engineers
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CUWA	California Urban Water Agencies
CVFPB	Central Valley Flood Protection Board
CVOC	Central Valley Operations Center
CVP	Central Valley Project
CVP Jones	CVP Jones Pumping Plant
CVPIA	Central Valley Project Improvement Act
CWA	Clean Water Act
D-1641	State Water Board Water Right Decision 1641
D-1643	State Water Board Water Right Decision 1643

dB	decibels
dBA	A-weighted decibels
dbh	diameter at breast height
DBP	disinfection by-product
Delta	Sacramento–San Joaquin River Delta
DFG	California Department of Fish and Game
DMC-CA Intertie	Delta-Mendota Canal/California Aqueduct Intertie
DO	dissolved oxygen
DOC	dissolved organic carbon
DPC	Delta Protection Commission
DPSs	distinct population segments
DRMS	Delta Risk Management Strategy
DSOD	California Division of Safety of Dams
DW or Project applicant	Delta Wetlands Properties
DWR	California Department of Water Resources
DWSC	Deep Water Ship Channel
E/I	export/import
EBMUD	East Bay Municipal Utility District
EC	electrical conductivity
ECCCHCP/NCCP	East Contra Costa County Habitat Conservation Plan/Natural Community Conservation Plan
EFH	essential fish habitat
EPA	U.S. Environmental Protection Agency
ESA	federal Endangered Species Act
ESU	evolutionarily significant unit
ET	evapotranspiration
EWA	Environmental Water Account
FEIS	Final Environmental Impact Statement
FMMP	Important Farmland Mapping and Monitoring Program
FMWT	Fall Mid-Water Trawl
FOC	Final Operating Criteria
FR	Federal Register
FSA	Food Security Act
ft/sec	feet per second
g/m^2	grams per square meter
g/yr	grams per year
gal/day	gallons per day
$g-C/m^2/yr$	grams of DOC per square meter per year
General Construction Permit	NPDES General Permit for Construction Activities
General Dewatering Permit	General Order for Dewatering and Other Low Threat Discharges to Surface Waters
GHG	greenhouse gas

GWP	global warming potential
Habitat Islands	Bouldin Island and Holland Tract
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HDD	horizontal directional drilling
HEP	habitat evaluation procedures
HFCs	hydrofluorocarbons
HMAC	Habitat Management Advisory Council
HMP	Habitat Management Plan
HMP	Habitat Management Plan
HORB	head of Old River barrier
HPMP	Historic Properties Management Plan
HPTP	Historic Properties Treatment Plan
I-5	Interstate 5
IDSM	In-Delta Storage Model
IEP	Interagency Ecological Program
IFM	Integrated Farm Management
IPCC	Intergovernmental Panel on Climate Change
IPM	integrated pest management
ISAC	Invasive Species Advisory Committee
ISI	Integrated Storage Investigation
ITP	Incidental Take Permit
kV	kilovolt
LAFCO	Local Agency Formation Commission
L_{dn}	day-night sound level
$L_{dn}/CNEL$	day-night noise level/community noise equivalent level
L_{eq}	equivalent sound level
L_{min} and L_{max}	minimum and maximum sound levels
LOS	level of service
LURMP	Land Use and Resource Management Plan for the Primary Zone of the Delta
L_{xx}	percentile-exceeded sound levels
m	meters
maf	million acre-feet
Magnuson-Stevens Act	Magnuson-Stevens Fishery Conservation and Management Act
MBK	MBK Engineers
MBTA	federal Migratory Bird Treaty Act
MCL	maximum contaminant level
Metropolitan	The Metropolitan Water District of Southern California
mg/l	milligrams per liter

MOA	Memorandum of Agreement
MOU	memorandum of understanding
mph	miles per hour
mS/cm	milliSiemens per centimeter
msl	above mean sea level
MTAC	Monitoring Technical Advisory Committee
MVCDs	mosquito and vector control districts
N ₂ O	nitrous oxide
NAAQS	national ambient air quality standards
NBHA	North Bouldin Habitat Area
NCCPA	Natural Communities Conservation Planning Act
NEPA	National Environmental Policy Act
ng/m ² /day	nanograms per square meter per day
NGVD 29	National Geodetic Vertical Datum of 1929
NHPA	National Historic Preservation Act
NICS	National Invasive Species Council
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NOI	notice of intent
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NTU	nephelometric turbidity units
O ₃	ozone
OCAP	Operations Criteria and Plan
OMR	Old and Middle River
OPR	California Office of Planning and Research
PA	programmatic agreement
PBS	Public Broadcasting System
PFCs	perfluorocarbons
PG&E	The Pacific Gas and Electric Company
Place of Use EIR, or EIR	Place of Use Environmental Impact Report
PM	posted mile
PM ₁₀	particulate matter 10 microns or less in diameter
PM _{2.5}	particulate matter 2.5 microns or less in diameter
POC	particulate organic carbon
POD	pelagic organism decline
ppb	parts per billion
ppd	pounds per day
PPIC	Public Policy Institute of California

ppm	parts per million
PPMP	pollution prevention and monitoring program
ppt	parts per thousand
Project	Delta Wetlands Project
psi	pounds per square inch
RAC	rubberized asphalt concrete
RDs	Reclamation Districts
Reclamation	U.S. Department of the Interior, Bureau of Reclamation
Reservoir Islands	Bacon Island and Webb Tract
RHA	Rivers and Harbors Act
ROD	2000 Record of Decision
ROG	reactive organic gases
RPA	Reasonable and Prudent Alternative
RPMs	reasonable and prudent measures
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SDWA	Safe Drinking Water Act
Semitropic	Semitropic Water Storage District
SF ₆	sulfur hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SJCGP	San Joaquin County General Plan
SJCMVCD	San Joaquin County Mosquito and Vector Control District
SJCOG	San Joaquin Council of Governments
SJMSCP	San Joaquin County Multi Species Habitat Conservation and Open Space Plan
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SMARA	California Surface Mining and Reclamation Act of 1975 (PRC Section 2710 et seq.)
SMARTS	Special Multipurpose Applied Research Technology Station
SO ₂	sulfur dioxide
SR	State Route
State Water Board	State Water Resources Control Board
SWANCC	Solid Waste Agency of Northern Cook County v. United States Army Corps of Engineers
SWG	Smelt Working Group
SWP	State Water Project
SWP Banks	SWP Harvey O. Banks Pumping Plant
SWPPP	stormwater pollution prevention plan

taf	thousand acre-feet
TBP	Temporary Barrier Program
TCP	Traffic Control Plan
TDM	travel demand management
TDS	total dissolved solids
THM	trihalomethane
TMDL	total maximum daily load
TOC	total organic carbon
tpy	tons per year
UC Davis	University of California, Davis
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
Valley District	San Bernardino Valley Municipal Water District,
VAMP	Vernalis Adaptive Management Plan
VELB	valley elderberry longhorn beetle
VERA	voluntary emission reduction agreement
WDRs	waste discharge requirements
Western	Western Municipal Water District of Riverside County
WMAs	Weed Management Areas
WQMP	Water Quality Management Plan
YOY	young-of-the-year