

Acronyms and Abbreviations

°C	degrees Celsius
°F	degrees Fahrenheit
1D	One-dimensional DSM2 model
2D	Two-dimensional RMA formulation
2-Gates Project	2-Gates Fish Protection Demonstration Project
af	acre-feet
AFRP	Anadromous Fish Restoration Program
AFSP	Anadromous Fish Screen Program
BA	Biological Assessment
BAAQMD	Bay Area Air Quality Management District
BACI	Before-After-Control-Impact
Banks	Harvey O. Banks Pumping Plant
BDCP	Bay-Delta Conservation Plan
BMPs	Best Management Practices
BO	Biological Opinion
BRT	Biological Review Team
CALFED	CALFED Bay-Delta Program
Caltrans	California Department of Transportation
CBC	California Building Code
CBDA	California Bay-Delta Authority
CCF	Clifton Court Forebay
CCG	Clifton Court Gates
CCWD	Contra Costa Water District

ACRONYMS AND ABBREVIATIONS

CFR	Code of Federal Regulations
CFS	Conservancy fairy shrimp
cfs	cubic feet per second
CH ₄	methane
Cla	chlorophyll
CNDDDB	California Natural Diversity Database
CNFH	Coleman National Fish Hatchery
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
COA	Coordinated Operations Agreement
Corps	U.S. Army Corps of Engineers
CSDP	Cross-Section Development Program
CVI	Central Valley Index
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act
CVRWQCB	Central Valley Regional Water Quality Control Board
CVS	Central Valley Steelhead
CWA	Clean Water Act
CWT	Coded Wire Tagged
D-1485	SWRCB Water Rights Decision-1485
D-1641	SWRCB Water Rights Decision-1641
dB	decibel(s)
DCC	Delta Cross Channel
DDT	dichlorodiphenyl trichlor

Delta	Sacramento-San Joaquin River Delta
DFG	California Department of Fish and Game
DO	dissolved oxygen
DOI	Department of Interior
DOSS	Delta Operations for Salmon and Sturgeon Technical Working Group
DPS	distinct population segment
DSM2	Delta Simulation Model II
DWR	California Department of Water Resources
EA	Environmental Assessment
EC	electrical conductivity
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ERP	Ecosystem Restoration Program
ESA	Federal Endangered Species Act
ESU	Evolutionarily Significant Unit
EWA	Environmental Water Account
EWP	Environmental Water Program
FL	Fork Length
FMP	Fishery Management Plan
FMWT	Fall Midwater Trawl Survey
FRFH	Feather River Fish Hatchery
ft	feet/foot

ACRONYMS AND ABBREVIATIONS

ft/s	feet/foot per second
GCID	Glenn-Colusa Irrigation District
GGs	giant garter snake
GHS	greenhouse gas
HORB	Head of Old River Barrier
HW	High Water
IEP	Interagency Ecological Program
in	inch (es)
Jones	C.W. “Bill” Jones Pumping Plant
JPE	Juvenile Production Estimate
JPI	Juvenile Production Index
LSNFH	Livingston Stone National Fish Hatchery
LW	Low Water
LWD	large woody debris
LSZ	low salinity zone
M	Meter
m/s	meter(s) per second
MHHW	mean higher high water
MLD	Most Likely Descendent
mm	millimeters
MND/EA	Mitigated Negative Declaration / Environmental Assessment
mph	miles per hour
MSA	Magnuson-Stevens Fishery Conservation and Management Act
msl	mean sea level
N ₂ O	nitrous oxide

NAHC	Native American Heritage Commission
NAVD88	North American Vertical Datum of 1988
NEPA	National Environmental Policy Act
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NPS	non-point source
NTU	Nephelometric Turbidity Unit
OCAP	Operations Criteria and Plan
OMR	Old and Middle Rivers
O ₃	ozone
PAHs	Polycyclic aromatic hydrocarbons
PCE	Primary constituent elements
PFMC	Pacific Fishery Management Council
PG&E	Pacific Gas and Electric Company
PIT-tagged	passive integrated transponder
POD	Pelagic Organism Decline
ppmv	parts per million by volume
pmw	part(s) per million by weight
ppt	parts per thousand
Project	2-Gates Fish Protection Demonstration Project
PS	point source
PTM	particle tracking model
QWEST	Average daily flow in the San Joaquin River at Jersey Point

ACRONYMS AND ABBREVIATIONS

RBDD	Red Bluff Diversion Dam
Reclamation	U.S. Bureau of Reclamation
rkm	river kilometer
RM	River Mile
ROD	CALFED Program Record of Decision
RPA	Reasonable and Prudent Alternative
SB	Senate Bill
SDTB	South Delta Temporary Barriers
SEL	Sound exposure level
SFF	Skinner Fish Facilities
SIP	State Implementation Plan
SJR	San Joaquin River
SJRTC	San Joaquin River Technical Committee
SKT	Spring Kodiak Trawl
SMSCG	Suisun Marsh Salinity Control Gates
sq. ft	square feet
SR	State Route
SRA	Shaded riverine aquatic
SWG	Smelt Working Group
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	California State Water Resources Control Board
TAF	thousand acre feet
TFCF	Tracy Fish Collection Facility
TNS	Summer Towntnet Survey

µg/m ³	microgram(s) per cubic meter
USDA	U.S. Department of Agriculture
U.S.	United States
U.S.C.	United States Code
USCG	U.S. Coast Guard
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VAMP	Vernalis Adaptive Management Plan
VELB	Valley Elderberry Longhorn Beetle
VPFS	Vernal Pool Fairy Shrimp
VPTS	Vernal Pool Tadpole Shrimp
WAP	Water Acquisition Program
WOMT	Water Operations Management Team
WSEL	Water Surface Elevation
WY	water year
YOY	young-of-the-year
X2	Location of 2 ppt Salinity Isohaline