PUBLIC DRAFT
BAY DELTA CONSERVATION PLAN

November 2013

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Acronyms and Abbreviations

°C	degrees Celsius
°F	degrees Fahrenheit
Aeration Facility	Stockton DWSC DWR Aeration Facility
af	acre-feet
AFRP	Anadromous Fish Restoration Program
AKART	all known, available, and reasonable technology
AMM	avoidance and minimization measure
BA	biological assessment
BACI	before-after/control-impact
Banks	Harvey O. Banks
Basin Plan	water quality control plan
Bay-Delta Plan	Water Quality Control Plan for the San Francisco Bay/Sacramento–San Joaquin Delta Estuary
BDCP, the Plan	Bay-Delta Conservation Plan
BiOp	biological opinion
BMP	best management practice
BOD	biological oxygen demand
Cal Fire	California Department of Forestry and Fire Protection
CalEPA	California Environmental Protection Agency
CALFED	California Bay-Delta Authority
Cal-IPC	California Invasive Plant Council
Cal-OSHA	California Division of Occupational Health and Safety
Caltrans	California Department of Transportation
CCR	California Code of Regulations
CCWD	Contra Costa Water District
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
Central Valley Water Board	Central Valley Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CER	Conceptual Engineering Report
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CM	Conservation Measure
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
Council	Delta Stewardship Council

CS5	Combined Scenario 5
CVP	Central Valley Project
CVPA	Central Valley Project Act
CVPIA	Central Valley Project Improvement Act
CWA	Clean Water Act
D-1641	State Water Resources Control Board water right Decision 1641
DBEEP	Delta-Bay Enhanced Enforcement Program
DBW	California Department of Boating and Waterways
Delta	Sacramento–San Joaquin River Delta
Delta Conservancy	Sacramento-San Joaquin Delta Conservancy
Delta Native Fish Recovery Plan	*Recovery Plan for the Sacramento-San Joaquin Delta Native Fishes*
Delta Reform Act	Sacramento–San Joaquin Delta Reform Act
DHCCP	Delta Habitat Conservation and Conveyance Program
DO	dissolved oxygen
DPM	Delta Passage Model
DPS	distinct population segment
Draft Tidal Marsh Recovery Plan	*Draft Recovery Plan for Tidal Marsh Ecosystems of Northern and Central California*
DRERIP	Delta Regional Ecosystem Restoration Implementation Plan
DSM	Delta Simulation Model
DWR	California Department of Water Resources
DWSC	Deep Water Ship Channel
EBC	existing biological conditions
EDCP	Egeria Densa Control Program
EFH	essential fish habitat
EIR	environmental impact report
EIS	environmental impact statement
ELT	early long-term
EPA	U.S. Environmental Protection Agency
ERP	Ecosystem Restoration Program
ESA	Endangered Species Act
ESO	evaluated starting operations
ESU	evolutionarily significant unit
FAV	floating aquatic vegetation
FCCL	Fish Conservation and Culture Laboratory
FEMA	Federal Emergency Management Agency
Final Tidal Marsh Recovery Plan	*Final Recovery Plan for Tidal Marsh Ecosystems of Northern and Central California*
Fish & Game Code	California Fish and Game Code
fish and wildlife agencies	U.S. Fish and Wildlife Service, National Marine Fisheries Service, and California Department of Fish and Wildlife

FLaSH Studies	Fall Low Salinity Habitat Studies
FMWT	fall midwater trawl
fps	feet per second
FR	Federal Register
GIS	geographic information system
GPS	global positioning system
HCP	habitat conservation plan
HCP Handbook	*Habitat Conservation Planning and Incidental Take Permit Processing Handbook*
HGMP	hatchery and genetic management plan
HORB	Head of Old River Barrier
HOS	high-outflow scenario
HSI	habitat suitability index
HU	habitat unit
I/E ratio	inflow/export ratio
IAV	invasive aquatic vegetation
IEP	Interagency Ecological Program
IOS	Interactive Object-Oriented Salmon Simulation
Jones	C. W. "Bill" Jones
JPOD	Joint Points of Diversion
kV	kilovolt
LICD	low-intensity chemical dosing
LiDAR	Light Detection and Ranging
LLT	late long-term
LOS	low-outflow scenario
LSZ	low-salinity zone
MAF	million acre-feet
Mercury Basin Plan Amendments	*Amendments to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins for the Control of Methylmercury and Total Mercury in the Sacramento-San Joaquin Delta Estuary*
mg/L	milligrams per liter
mgd	million gallons per day
MHHW	mean higher high water
MIST	minimum impact suppression tactics
MLLW	mean lower low water
mm	millimeters
MMU	minimum mapping units
MOA	memorandum of agreement
MPTO	Modified Pipeline/Tunnel Option
MS4	Municipal Separate Storm and Sewer System
MWD	Metropolitan Water District of Southern California
NA	not available/applicable

NAIP	National Agriculture Imagery Program
NAVD88	North American Vertical Datum of 1988
NCCP	natural community conservation plan
NCCPA	Natural Community Conservation Planning Act
NEPA	National Environmental Policy Act
NHD	National Hydrography Dataset
NMFS	National Marine Fisheries Service
NOAA	National Oceanographic and Atmospheric Administration
NOD	Notice of Decision
NO_X	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
NPPA	Native Plant Protection Act
NRCS	Natural Resources Conservation Service
NWR	National Wildlife Refuge
O&M	operations and maintenance
OBAN	Oncorhynchus Bayesian Analysis
OCAP	Operational Criteria and Plan
OMR	Old and Middle River
PG&E	Pacific Gas and Electric
Plan	Bay Delta Conservation Plan
PM10	particulate matter of 10 microns in diameter or less
POD	pelagic organism decline
ppt	parts per thousand
PRC	Public Resources Code
psu	practical salinity unit
PTM	Particle Tracking Model
QA/QC	quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
Reclamation	U.S. Department of the Interior, Bureau of Reclamation
RMA	Resource Management Associates
ROA	restoration opportunity area
ROD	Record of Decision
ROG	reactive organic gas
RPA	reasonable and prudent alternative
RTO	real-time operations
RWQCB	Regional Water Quality Control Board
SacEFT	Sacramento Ecological Flows Tool
SAIC	Science Applications International Corporation
San Joaquin County MSHCP	San Joaquin County Multi-Species Habitat Conservation and Open Space Plan
SARA	Superfund Amendments and Reauthorization Act
SAV	submerged aquatic vegetation

SDBSIM	Supply – Demand Balance Simulation Model
SFBAAB	San Francisco Area Air Basin
SFCWA	State and Federal Contractors Water Agency
Skinner Fish Facility	John E. Skinner Delta Fish Protective Facility
Solano County HCP	Solano County Multispecies Habitat Conservation Plan
SR	State Route
SRWQM	Sacramento River Water Quality Model
State Water Board	State Water Resources Control Board
SVAB	Sacramento Valley Air Basin
SWAP	Statewide Agricultural Production
SWP	State Water Project
TAF	thousand acre-feet
TMDL	total maximum daily load
UC	University of California
UC Davis	University of California, Davis
Upland Species Recovery Plan	Recovery Plan for Upland Species of the San Joaquin Valley, California
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDA-ARS	U.S. Department of Agriculture–Agriculture Research Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VAMP	Vernalis Adaptive Management Program
Vernal Pool Recovery Plan	Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon
VPA	viable population attribute
VSP	viable salmonid population
WHCP	Water Hyacinth Control Program
WHIPPET	Weed Heuristics: Invasive Population Prioritization for Eradication Tool
WWTP	wastewater treatment plant
YBFEP	Yolo Bypass Fisheries Enhancement Plan
YOY	young-of-the-year
YSAQMD	Yolo-Solano Air Quality Management District

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