Acronyms and Abbreviations

1D – 1-dimensional

2D – 2-dimensional

3D – 3-dimensional

ATT – Adjusted Astronomical Tide

ANN – Artificial Neural Network

BOD – Biochemical Oxygen Demand

BBID – Byron Bethany Irrigation District

CalSim – California Water Resources Simulation Model

CalSim II – California Water Resources Simulation Model II

CCF – Clifton Court Forebay

CCWD – Contra Costa Water District

CDEC – California Data Exchange Center

CDWR – see DWR

CPU – Central Processor Unit

CSDP – Cross Section Development Program

CVP – Central Valley Project (also Tracy Pumping Plant)

cfs – cubic feet per second

DAYFLOW – computer program used to calculate Delta boundary hydrology

DCC – Delta Cross Channel

DFD – DWR Delta Field Division

DICU – Delta Island Consumptive Use Model

DMC – Delta Mendota Canal

DO – Dissolved Oxygen

DOC – Dissolved Organic Carbon

DOM – Dissolved Organic Matter

DSM2 – Delta Simulation Model 2

DSM2-SJR – DSM2 San Joaquin River Extension

DWR – California Department of Water Resources

DWSC – San Joaquin River Stockton Deep Water Ship Channel

EC – electrical conductivity

EIR/EIS -- Environmental Impact Report / Environmental Impact Statement

GIS – Geographic Information System

GLC – Grant Line Canal

HYDRO – DSM2 Hydrodynamics Model

IDS – In-Delta Storage

IEP – Interagency Ecological Program

ISI – Integrated Storage Investigation (part of DWR)

LLNL – Lawrence Livermore National Laboratories

LVR – Los Vaqueros Reservoir intake

MSL – mean sea level

MWD – Metropolitan Water District of Southern California

MWQI – Municipal Water Quality Investigations

NAVD88 – North American Vertical Datum of 1998

NDO – Net Delta Outflow

NGVD – National Geodetic Vertical Datum

NOAA – National Oceanic and Atmospheric Administration

O&M – DWR Operations and Maintenance

OWQ – DWR Division of Environmental Service's Office of Water Quality

PDT – Pacific Daylight-saving Time

PST – Pacific Standard Time

PTM – DSM2 Particle Tracking Model

PWT – DSM2 Project Work Team

QUAL – DSM2 Water Quality Model

QUAL2E – Enhanced Stream Water Quality
Model

RMA – Resource Management Associates

RMA2 – multi-dimensional hydrodynamic finite
element model

RMA11 – multi-dimensional water quality finite
element model

RMID015 – Middle River at Santa Fe Cut

RMID027 – Middle River near Tracy Blvd.

ROLD024 – Old River at Rock Slough or Old
River at Bacon Island

ROLD034 – Old River at CCWD Los Vaqueros
Intake

RS – Rock Slough intake

RTDF – Real Time Data Forecasting

RWCF – City of Stockton's Regional
Wastewater Control Facility

SDIP – South Delta Improvement Program

SJR – San Joaquin River

SLR – Sea Level Rise

SQL – Structured Query Language

SWP – State Water Project

taf – thousand acre-feet

TDS – Total Dissolved Solids

TMDL – Total Maximum Daily Load

USBR – U.S. Bureau of Reclamation

USGS – U.S. Geological Survey

UVM – Ultrasonic Velocity Meter

VAMP – Vernalis Adaptive Management Plan

WRESTL – programming language used in
CALSIM