Acronyms and Abbreviations

1D – 1-dimensional

2D – 2-dimensional

3D – 3-dimensional

ATT – Adjusted Astronomical Tide

ADICU – Adjusted Delta Island Consumptive Use

AMR – Adaptive Mesh Refinement

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

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

DHQ – Diurnal High Water Inequality

DLQ – Diurnal Low Water Inequality

DTL – Diurnal Tidal Level

DO – Dissolved Oxygen

DOC – Dissolved Organic Carbon

DSM2 – Delta Simulation Model 2

DSM2-DB – Delta Simulation Model 2 Database version

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

FAQ – Frequently Asked Questions

GB – Gigabyte

GHz – Gigahertz

GIS – Geographic Information System

GLC – Grant Line Canal

Gt – Great Diurnal Range

GUI – Graphical User Interface

HDF5 – file format for saving data

HYDRO – DSM2 Hydrodynamics Model

IEP – Interagency Ecological Program

ISI – Integrated Storage Investigation (part of DWR)

IDS – ISI In-Delta Storage Program

LAN – Local Area Network

LBNL – Lawrence Berkeley National Laboratories

LVR – Los Vaqueros Reservoir intake

MHHW – Mean Higher High Water

MHW -- Mean High Water

MLLW – Mean Lower Low Water

MLW – Mean Low Water

Mn – Mean Range

MSL – Mean Sea Level

MTL – Mean Tide Level

MWD – Metropolitan Water District of Southern California

MWQI – Municipal Water Quality Investigations

NAVD88 – North American Vertical Datum of 1998

NDO – Net Delta Outflow

NDOI – Net Delta Outflow Index

NOAA – National Oceanic and Atmospheric Administration

O&M – DWR Operations and Maintenance

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

PTM – DSM2 Particle Tracking Model

PWT – DSM2 Project Work Team

QA/QC – Quality Assurance / Quality Control

QUAL – DSM2 Water Quality Model

QUAL2E – Enhanced Stream Water Quality Model

REALM – River, Estuary, and Land Model

RMA2 – multi-dimensional hydrodynamic and water quality finite element model

RMA Tools – DWR's RMA2 postprocessor

RS – Rock Slough intake

RTDF – Real-Time Data and Forecasting

RWCF – City of Stockton's Regional Wastewater Control Facility

SJR – San Joaquin River

SQL – Structured Query Language

SWP – State Water Project

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

WQMP – D-1643 Water Quality Management Plan

WRESTL – programming language used in CALSIM