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# Appendix A

## Acronyms and Abbreviations



°F	degree Fahrenheit
µg/L	microgram per liter
2006 WQCP	SWRCB's Draft 2006 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary
ACE	Altamont Commuter Express
ACWD	Alameda County Water District
AGWA	Association of Groundwater Agencies
ALS	advanced life support
ALUC	airport land use commission
ALUCP	airport land use compatibility plan
AP	Alquist-Priolo
APCD	air pollution control district
AQMD	air quality management district
AQMP	air quality management plan
ARB	California Air Resources Board
AST	aboveground storage tank
AT&T	American Telephone & Telegraph
AVWB	Antelope Valley Water Bank
B.P.	Before Present
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BAM	Best Available Map
BART	Bay Area Rapid Transit
BAWAC	Bay Area Water Agencies Coalition
Bay Area	San Francisco Bay Area
BCDC	Bay Conservation and Development Commission
BLM	U.S. Bureau of Land Management
BMP	best management practice
BNSF	Burlington Northern Santa Fe Railway
C4	CEQA Climate Change Committee
CAAQS	California Ambient Air Quality Standard

CAIP	Center for Aquatic and Invasive Plants
CAISMP	California Aquatic Invasive Species Management Plan
Cal EMA	California Emergency Management Agency
CAL FIRE	California Department of Forestry and Fire Protection
Cal. Code Regs.	California Code of Regulations
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Safety and Health Administration
CalARP	California Accidental Release Prevention Program
CALFED	CALFED Bay-Delta Program
Cal-IPC	California Invasive Plant Council
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CAT	California Climate Action Team
CBSC	California Building Standards Commission
CCMVCD	Contra Costa Mosquito and Vector Control District
CCTA	Contra Costa Transportation Authority
CCTC	Central California Traction Company
CCWD	Contra Costa Water District
CDBW	California Department of Boating and Waterways
CDEC	California Data Exchange Center
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CDP	Census Designated Place
CDPH	California Department of Public Health
CEC	California Energy Commission
CEM	Civil Emergency Management
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CESA	California Endangered Species Act

CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Survey
CH <sub>4</sub>	methane
CHRIS	California Historical Resources Information System
CIMIS	California Irrigation Management Information System
cm	centimeters
CMP	congestion management program
CMWD	Calleguas Municipal Water District
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalents
CO-CAT	Coastal and Ocean Working Group of the California Climate Action Team
CONOPS	catastrophic concept of operations
Cortese List	DTSC Hazardous Waste and Substances Sites List
Council	Delta Stewardship Council
CPSE	Center for Public Safety Excellence
CRA	Colorado River Aqueduct
CRHP	California Register of Historic Places
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CRSB	Coast Ranges-Sierran Block
CSD	community services district
CUPA	Certified Unified Program Agencies
CV-SALTS	Central Valley Salinity Alternatives for Long-term Sustainability
CVFPB	Central Valley Flood Protection Board
CVJV	Central Valley Joint Venture
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act

CVWD	Coachella Valley Water District
CWA	Clean Water Act
CZMA	Coastal Zone Management Act of 1972
D-1641	State Water Resources Control Board Decision 1641
dB	decibel
DBPC	dibromochloropropane
DBW	Department of Boating and Waterways
Delta	Delta and Suisun Marsh
Delta IFEOP	Delta-specific Integrated Flood Emergency Operations Plan
DFG	California Department of Fish and Game
DHS	Department of Homeland Security
DMU	diesel-multiple unit
DO	dissolved oxygen
DOC	California Department of Conservation
DOF	Department of Finance
DOHS	Department of Occupational Health and Safety
DPC	Delta Protection Commission
DPM	diesel particulate matter
DPR	California Department of Parks and Recreation
DPS	Distinct Population Segments
DRERIP	Delta Regional Ecosystem Restoration Implementation Plan
DRMS	Delta Risk Management Strategy
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
eBART	BART Extension
EBMUD	East Bay Municipal Utility District
EC	electrical conductivity
EDC	endocrine-disrupting chemicals
EDID	El Dorado Irrigation District
EIR	Environmental Impact Report
EIS	Environmental Impact Statement

EMD	Environmental Management Department
Emergency Plan	State of California Emergency Plan
EOC	Emergency Operations Center
ERP	Ecosystem Restoration Program
ESA	Endangered Species Act
ESJPWA	East San Joaquin Parties Water Authority
ESU	Evolutionarily Significant Unit
Exchange Contractors	San Joaquin River Exchange Contractors
FAST	Fairfield and Suisun Transit
Fed. Reg.	Federal Register
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FOC	Flood Operation Center
FPPA	Farmland Protection Policy Act
FRAP	Fire and Resource Assessment Program
FRSA	Feather River Service Area
FSZ	Farmland Security Zone
g/L	gram per liter
GAMA	Groundwater Ambient Monitoring and Assessment
GBA	Groundwater Banking Authority
GHG	greenhouse gas
GIS	geographic information system
gpm	gallon per minute
GWMP	Groundwater Management Plan
GWRS	Groundwater Replenishment System
HAB	harmful algae bloom

HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
Health & Saf. Code	California Health and Safety Code
HFC	hydrofluorocarbons
HMMP	Hazardous Materials Management Plan
HMP	Hazard Mitigation Plan
HTP	Heritage Tree Preservation
HUD	U.S. Department of Housing and Urban Development
Hz	hertz
I-5	Interstate 5
I-80	Interstate 80
I-205	Interstate 205
IBC	International Building Code
ID	irrigation district
IID	Imperial Irrigation District
IPCC	Intergovernmental Panel on Climate Change
IRWD	Irvine Ranch Water District
IRWMP	Integrated Regional Water Management Plan
IS/ND	Initial Study/Negative Declaration
IS/NMD	Initial Study/Proposed Mitigated Negative Declaration
ITP	incidental take permit
JPA	Joint Powers Authority
Ka	thousand years
KCWA	Kern County Water Agency
kg	kilogram
KPRA	kingpin-to-rear-axle
KRCD	Kings River Conservation District
KWBA	Kern Water Bank Authority



LACDPW	Los Angeles County Department of Public Works
LAFCO	local agency formation commission
$L_{dn}$	day-night average noise level
LED	light emitting diodes
LEP	linear extensibility percent
$L_{eq}$	equivalent sound level
LESA	Land Evaluation and Site Assessment
LIM	Land Inventory and Monitoring
LMP	Land Management Plan
LSIWA	Lower Sherman Island Wildlife Area
LUST	leaking underground storage tank
M	moment magnitude
MACS	Multi Agency Coordination System
MAF	million acre-feet
MBTA	Migratory Bird Treaty Act
MCAB	Mountain Counties Air Basin
MCL	maximum contaminant level
MDAB	Mojave Desert Air Basin
Measure D	Save Agriculture and Open Space Lands Initiative
Metropolitan	Metropolitan Water District of Southern California
mg/kg	milligram per kilogram
mg/L	milligram per liter
mgd	million gallons per day
mL	milliliter
$M_L$	Richter Magnitude
MLD	Most Likely Descendent
MMI	Modified Mercalli Intensity
MMT	million gross metric tons
MOU	memorandum of understanding
msl	mean sea level
MST	Milliken, Sarco, and Tulucay

MTBE	methyl tertiary butyl ether
MTC	Metropolitan Transportation Commission
MWA	Mojave Water Agency
mya	million years ago
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAWMP	North American Waterfowl Management Plan
NCCAB	North Central Coast Air Basin
NCCP	Natural Community Conservation Plan
NCCP Act	Natural Community Conservation Planning Act
NEPA	National Environmental Policy Act
NGA	Next Generation Attenuation
NHPA	National Historic Preservation Act
NIMS	National Incident Management System
NMFS	National Marine Fisheries Service
NO <sub>x</sub>	nitrogen oxide
NPAB	Northeast Plateau Air Basin
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act of 1977
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRF	National Response Framework
NRHP	National Register of Historic Places
NSJCGBA	Northeastern San Joaquin County Groundwater Banking Authority
NSPS	New Source Performance Standards
NWR	National Wildlife Refuge
OCAP	Operational Criteria and Plan
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services

OPR	California Governor's Office of Planning and Research
PAH	polycyclic aromatic hydrocarbons
PAL	Provisionally Accredited Levee
PCB	polychlorinated biphenyls
PCE	perchloroethylene
PEIR	Programmatic Environmental Impact Report
PEIS	Programmatic Environmental Impact Study
PFC	perfluorocarbon
PFMC	Pacific Fisheries Management Council
PG&E	Pacific Gas and Electric Company
PGA	peak ground acceleration
PL	Public Law
Plan	East Contra Costa County Habitat Conservation Plan / Natural Community Conservation Plan
PM	particulate matter
PM <sub>2.5</sub>	particulate matter less than 2.5 micrometers in aerodynamic diameter
PM <sub>10</sub>	particulate matter less than 10 micrometers in aerodynamic diameter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PPIC	Public Policy Institute of California
ppm	parts per million
ppt	parts per thousand
PPV	peak particle velocity
PRMRP	Palentological Resources Monitoring and Recovery Plan
PSAP	Public Safety Answering Point
PSHA	Probabilistic Seismic Hazard Analysis
Pub. Resources Code	California Public Resources Code
PWC	personal watercraft
Qhb	basin deposits
Qhc	natural stream channels
Qhdm	mud of tidal wetlands

Qhl	levee deposits
QSA	Quantification Settlement Agreement
RBDD	Red Bluff Diversion Dam
RCD	Resource Conservation District
RCRA	Resource Conservation and Recovery Act of 1976
RD	reclamation district
Reclamation	U.S. Bureau of Reclamation
RHJV	Riparian Habitat Joint Venture
RIP	Rehabilitation and Inspection Program
ROG	reactive organic gas
RPA	Reasonable and Prudent Alternative
RPS	Renewable Portfolio Standard
RT	Sacramento Regional Transit District
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement
SACOG	Sacramento Area Council of Governments
San Joaquin RTD	San Joaquin Regional Transit District
SARA	Superfund Amendments and Reauthorization Act of 1986
SBC	Southwestern Bell Corporation
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCCAB	South Central Coast Air Basin
SCE	Southern California Edison
SCMAD	Solano County Mosquito Abatement District
SCS	U.S. Soil Conservation Service
SCVWD	Santa Clara Valley Water District
SDAB	San Diego Air Basin
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas & Electric Company
Semitropic WSD	Semitropic Water Storage District
SEMS	Standardized Emergency Management System

SF <sub>6</sub>	sulfur hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SFEI	San Francisco Estuary Institute
SFHA	Special Flood Hazard Areas
SFO	San Francisco International Airport
SFPUC	San Francisco Public Utilities Commission
SIP	State Implementation Plan
SJC LAFCO	San Joaquin County Local Agency Formation Commission
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
SJRRP	San Joaquin River Restoration Program
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLE	St. Louis encephalitis
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMCL	secondary maximum contaminant level
SMUD	Sacramento Municipal Utilities District
SNR	Sierra Northern Railway
SOI	sphere of influence
SOV	single-occupancy vehicles
SPA	Special Planning Area
SPCC	Spill Prevention, Control, and Countermeasures program, under the Clean Water Act
SPFC	State Plan of Flood Control
SR	State Route
SR-4	State Route 4
SR-12	State Route 12
SR-160	State Route 160
SR2S	Safe Routes to Schools
SRA	State Recreation Area

SRCAF	Sacramento River Conservation Area Forum
SSAB	Salton Sea Air Basin
STAA	Surface Transportation Assistance Act
Stafford Act	Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988
State Parks	California Department of Parks and Recreation
SVAB	Sacramento Valley Air Basin
SVP	Society of Vertebrate Paleontology
SWP	State Water Project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SYMVCD	Sacramento-Yolo Mosquito and Vector Control District
TAC	toxic air contaminant
TAF	thousand acre-feet
Task Force	Sacramento–San Joaquin Delta Multi-Hazard Coordination Task Force
TCE	trichloroethylene
TCP	Traditional Cultural Properties
TCSA	Toxic Substances Control Act of 1976
TDS	total dissolved solids
TMDL	total maximum daily load
TNC	The Nature Conservancy
TOC	total organic carbon
TPZ	timber production zones
UBC	Uniform Building Code
UCMP	UC Berkeley Museum of Paleontology
ULL	Urban Limit Line
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFS	U.S. Forest Service

USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USPHS	U.S. Public Health Service
UST	underground storage tank
UWMP	Urban Water Management Plan
VAMP	Vernalis Adaptive Management Program
WA	State Wildlife Area
Wat. Code	California Water Code
WDNR	Wisconsin Department of Natural Resources
WEE	western equine encephalomyelitis
WEG	wind erodibility groups
WGCEP	Working Group on California Earthquake Probabilities
WICC	Watershed Information Center and Conservancy of Napa County
WMWD	Western Municipal Water District
WNV	West Nile virus
WQCP	Water Quality Control Plan
WRCC	Western Regional Climate Center
WRD	Water Replenishment District of Southern California
WRDA	Water Resources Development Act of 2007
WWR	Wetland and Water Resources, Inc.
YCTD	Yolo County Transportation District
YCWA	Yuba County Water Agency
YSAQMD	Yolo Solano Air Quality Management District