

9 ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
μ	micro
μin/sec	micro inch per second
AAR	Association of American Railroads
AB	Assembly Bill
ACE	active commissioning enterprise
AERMOD	Atmospheric Dispersion Model
AFV	alternative fuel vehicles
AFY	acre-feet per year
ALP	Airport layout plan
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act of 1972
asl	above sea level
AST	Above ground storage tank
AV	automated vehicles
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology
bgs	below ground surface
BL	Biosafety Levels
BMP	best management practice
BOR	Bureau of Reclamation
Btu/hr	British thermal units per hour
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CalARP	California Accidental Release Prevention Program
CalEEMod	California Emissions Estimator Model
CalFire	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
Cal/OSHA	California Occupational Safety and Health Administration
CAP	Climate Action Plan

CARB	California Air Resources Board
CASGEM	California Statewide Groundwater Elevation Monitoring
CBC	California Building Standards Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDC	Center for Disease Control
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CH ₄	methane
CHP	California Highway Patrol
City of Davis FD	City of Davis Fire Department
City of Davis PD	City of Davis Police Department
CIWMA	California Integrated Waste Management Act
CNDDB	Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CMP	congestion management plan
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
CPUC	California Public Utilities Commission
CRPR	California Rare Plant Rank
CRHR	California Register of Historical Resources
CTS	campus travel survey
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWC	California Water Code
dB	decibel
dBA	A-weighted decibel
DJUSD	Davis Joint Unified School District
DNA	deoxyribonucleic acid
DOC	California Department of Conservation
DOE	U.S. Department of Energy

DPR	California Department of Pesticide Regulation
Draft EIR	Draft Environmental Impact Report
DTSC	Department of Toxic Substances Control
DUSD	Dixon Unified School District
DWR	California Department of Water Resources
DWWSP	Davis-Woodland Water Supply Project
EAP	energy action plan
EDD	Employment Development Department
EHS	U.S. Environmental Health and Safety
EIS/EIR	Environmental Impact Statement/Environmental Impact Report
EO	executive order
EPA	Environmental Protection Agency
EPAct	Energy Policy Act of 1992
EPCRA	Emergency Planning Community Right-to-Know Act
EPS	Expanded Polystyrene
ESA	Endangered Species Act
EV	electric vehicles
FAR	Federal Aviation Regulation
FD	Fire Department
FFA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FMMP	Farmland Mapping and Monitoring Program
FTA	Federal Transit Administration
FRA	Federal Railroad Administration
GHG	Greenhouse gas
GVB	ground-born vibration
GWP	global warming potential
HAP	hazardous air pollutants
HCM	Highway Capacity Manual
HCP/NCCP	Habitat Conservation Plan/Natural Community Conservation Plan
hp	horsepower
HI	Hazard index
HMMP	Hazardous Materials Management Plan

HRA	Health Risk Assessment
HVAC	heating ventilation and air condition units
HY	horizon year
I&I	Inflow & Infiltration
I-80	Interstate 80
IIPP	Injury and Illness Prevention Program
IEPR	integrated energy policy report
in/sec	inches per second
IPaC	Information, Planning, and Conservation System
IS/ND	Initial Study/Negative Declaration
ITS	Institute of Transportation Studies
kWh	kilowatt-hours
L_{den}	Day-Evening-Night level
L_{dn}	Day-night level
L_{eq}	equivalent continuous sound level
L_{max}	maximum sound level
LAMP	Local Agency Management Program
lbs/day	pounds per day
LCFS	Low carbon fuel standards
LDL	Larson Davis Laboratories
LED	light-emitting diode
LEED	Leadership in Energy and Environmental Design
LEHR	Laboratory for Energy Related Research
LESA	land evaluation and site assessment
LHAT	Laboratory Hazard Assessment Tool
LOS	Level of service
LRDP	Long Range Development Plan
m/s	meters per second
MACT	maximum achievable control technology
MBTA	Migratory Bird Treaty Act
MCLs	maximum contaminant levels
MEI	maximally exposed individuals
Mgd	Million galls per day
MMBtu	million British thermal units

MMI	Modified Mercalli Intensity
MMT	million metric tons
mPa	micro-Pascals
mpg	miles per gallon
MPO	Metropolitan Planning Organization
MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer System
MSHCP	Solano Multispecies Habitat Conservation Plan
MT	metric tons
MTIP	Metropolitan Transportation Improvement Program
MTP/SCS	Metropolitan Transportation Plan/Sustainable Communities Strategy
MW	megawatt
MWh	megawatt-hours
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NEHRP	National Earthquake Hazards Reduction Program
NESHAP	National emission standards for HAPs
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act of 1966
NHSTA	National Highway Traffic Safety Administration
NIR	non-ionizing radiation
NMFS	National Marine Fisheries Service
NMP	Neighborhood master plan
NO ₂	nitrogen dioxide
NO _x	nitrous oxides
NOI	Notice of Intent
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NREL	National Research Energy Laboratory
NRHP	National Register of Historic Places
NWIC	Northwest Information Center
OEHHA	Office of Environmental Health Hazard Assessment
OGI	orderly growth initiative
OSHA	Occupational Safety and Health Administration

OWTS	Onsite Wastewater Treatment Systems
P3	public-private partnership
PCBs	polychlorinated biphenyls
PGA	peak ground acceleration
PG&E	Pacific Gas & Electric
PM _{2.5}	fine particulate matter
PM ₁₀	respirable particulate matter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1969
PPE	Personal protective equipment
PPH	pounds per hour
PPV	peak particle velocity
PRC	Public Resources Code
PSD	Prevention of significant deterioration
PV	photovoltaic
R&D	Research and development
rDNA	recombinant or synthetic nucleic acids
RFP	request for proposals
RMP	Risk Management Program
RMS	root-mean-square
RMSE	Root Mean Squared Error
ROG	Reactive organic gases
RTIP	Regional Transportation Improvement Program
RWQCB	Regional Water Quality Control Board
SACMET	Sacramento Regional Travel Demand Model
SACOG	Sacramento Area Council of Governments
SANDAG	San Diego Association of Governments
SB	Senate bill
SCCMP	Solano County Congestion Management Plan
SCS	sustainable communities strategy
SCWA	Solano County Water Agency
SEL	single event noise level
SHDS	Student Housing & Dining Service
SHS	State Highway System
SIP	State implementation plan
sf	square feet

SGMA	Sustainable Groundwater Management Act of 2014
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO ₂	sulfur dioxide
SOV	single-occupant vehicle
SPCC	Spill Prevention Control and Countermeasure
SPL	sound pressure level
SR	State route
SRWP	Sacramento River Watershed Program
SSB	solids storage basins
SVAB	Sacramento Valley Air Basin
SWPPP	Stormwater pollution prevention plan
SWQCP	Stormwater Quality Control Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TAPS	Transportation and Parking Services
TAZ	traffic analysis zone
TCR	tribal cultural resources
TDM	transportation demand management
The Regents	The Board of Regents
tpy	tons per year
TMDL	total maximum daily load
TNCs	transportation network companies
TSM	Transportation Systems Management
UC	University of California
UC Davis	University of California, Davis
UC Davis FD	UC Davis Fire Department
UC Davis Health	UC Davis Sacramento Medical Center
UC Davis PD	UC Davis Police Department
UCOP	UC Office of the President
UFP	Ultrafine particulates
ULOP	urban level of flood protection
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service

USGS	U.S. Geological Survey
UST	underground storage tank
UV	ultraviolet
Vdb	vibration decibels
VMT	vehicle miles travelled
VOC	Volatile organic compound
WAPA	Western Air Power Association
WDAAC	West Davis Active Adult Community
WDCWA	Woodland-Davis Clean Water Agency
WDR	Waste Discharge Requirements
West Plainfield FD	West Plainfield Fire Department
Winters JUSD	Winters Joint Unified School District
Woodland JUSD	Woodland Joint Unified School District
WUSD	Washington Unified School District
WWTP	Wastewater treatment plant
YCAC	Yolo County Agricultural Commissioner
YCCMP	Yolo County Congestion Management Plan
YCDH	Yolo County Department of Health
YCDEH	Yolo County Department of Environmental Health
YCTA	Yolo County Transportation Authority
YSAQMD	Yolo-Solano Air Quality Management District
YSGA	Yolo Sub-basin Groundwater Agency
ZEV	zero-emission vehicle
ZNE	zero net energy