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# ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
AAR	Association of American Railroads
AB	Assembly Bill
AB 939	California Integrated Waste Management Act of 1989
adaptation	climate change preparation
AFVs	alternative fuel vehicles
APN	Assessor's Parcel Number
ARB	California Air Resources Board
AVR	average vehicle ridership
ay	acre-feet per year
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology for toxics
Basin Plan	Water Quality Control Plan for the Sacramento and San Joaquin River Basins
BAU	business-as-usual
bgs	below the ground surface
BMPs	best management practices
BOD	biological oxygen demand
BOR	U.S. Department of Interior, Bureau of Reclamation
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
Cal/OSHA	California OSHA
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAPs	criteria air pollutants
CASGEM	California Statewide Groundwater Elevation Monitoring
CBC	California Building Code or California Building Standards Code
CCAA	California Clean Air Act

CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH <sub>4</sub>	methane
City	City of Davis
CNDDB	California Department of Fish and Game's Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	CO <sub>2</sub> -equivalent
CPUC	California Public Utilities Commission
CRHR	California Register of Historic Resources
CWA	Clean Water Act
CWC	California Water Code
Davis FD	City of Davis Fire Department
Davis PD	City of Davis Police Department
dB	decibel
D-CAAP	Davis Climate Action and Adaptation Plan
Delta	Sacramento–San Joaquin Delta
DHS	California Department of Health Services
diesel PM	diesel exhaust
DJUSD	Davis Joint Unified School District
DMG	California Department of Conservation, Division of Mining and Geology
DOF	California Department of Finance
DPR	California Department of Pesticide Regulation
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
EIR	environmental impact report
EPA	U.S. Environmental Protection Agency
EPAct	Energy Policy Act of 1992

EPCRA	Emergency Planning Community Right-to-Know Act
ESA	Endangered Species Act
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FMMP	Farmland Mapping and Monitoring Program
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
GHG	greenhouse gas
gpcd	gallons per capita per day
gpd	gallons per day
GWh	gigawatt-hours
GWMP	City of Davis and UC Davis Groundwater Management Plan
GWP	global warming potential
HAP	hazardous air pollutant
HCP/NCCP	Habitat Conservation Plan/Natural Community Conservation Plan
HFC	hydrofluorocarbon
I-80	Interstate 80
IEPR	Integrated Energy Policy Report
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
LAFCo	Local Agency Formation Commission
lb	pounds
lbs/day	pounds per day
L <sub>dn</sub>	day-night average noise level
L <sub>eq</sub>	equivalent energy noise level
LID	low impact development
L <sub>max</sub>	maximum instantaneous noise level experienced during a given period of time
LOS	level of service
LRDP	Long Range Development Plan
LUST	leaking underground storage tank

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MBTA	Migratory Bird Treaty Act
MCL	maximum contaminant level
mg/L	milligrams per liter
mgd	million gallons per day
mg/y	million gallons per year
MMI	Modified Mercalli Intensity
MMT	million metric tons
mpg	miles per gallon
mph	miles per hour
MPOs	Metropolitan Planning Organizations
MRZ	Mineral Resource Zone
MTIP	Metropolitan Transportation Improvement Program
MTP/SCS	Metropolitan Transportation Plan/Sustainable Communities Strategy
MUTCD	California Manual on Uniform Traffic Control Devices
MW	megawatts
MXD	Mixed-Use
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NEHRP	National Earthquake Hazards Reduction Program
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NMFS	National Oceanic and Atmospheric Administration's National Marine Fisheries Service
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOP	Notice of Preparation
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRC	Natural Resources Commission
NRCouncil	National Research Council
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
OEHHA	Office of Environmental Health Hazard Assessment
ONRW	Outstanding National Resource Water

OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
ozone	photochemical smog
PCB	polychlorinated biphenyl
PFC	perfluorocarbon
PG&E	Pacific Gas & Electric
Phase I	Phase I Environmental Site Assessment
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM <sub>10</sub>	respirable particulate matter with an aerodynamic diameter of 10 micrometers or less
PM <sub>2.5</sub>	fine particulate matter with an aerodynamic diameter of 2.5 micrometers or less
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1969
PPV	peak particle velocities
PRC	California Public Resources Code
PRC	Public Resources Code
project	Nishi Gateway Project
R&D	Research and Development
RCEM	Road Construction Emissions Model
ROG	reactive organic gases
RPS	Renewable Portfolio Standard
RWQCB	regional water quality control board
SACOG	Sacramento Area Council of Governments
SB	Senate Bill
SEL	sound exposure level
SF <sub>6</sub>	sulfur hexafluoride
SGMA	Sustainable Groundwater Management Act of 2014
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	State Mining and Reclamation Act of 1975
SO <sub>2</sub>	sulfur dioxide
SOIs	sphere of influences
SOV	single-occupancy-vehicle
SR	State Route
SRWP	Sacramento River Watershed Program
SVAB	Sacramento Valley Air Basin

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SWPPP	storm water pollution prevention plan
SWQCP	Stormwater Quality Control Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TMC	Technical Memorandum of Compliance
TMDL	total maximum daily load
tpy	tons per year
UC Davis	University of California at Davis
UFP	Ultrafine particulate matter
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VMT	vehicle miles traveled
WDCWA	Woodland Davis Clean Water Agency
WSA	Water Supply Assessment
WTE	waste-to-energy
WWTP	Wastewater Treatment Plant
YAQMD	Yolo Air Quality Management District
YCAC	Yolo County Agricultural Commissioner
YCEHD	Yolo County Environmental Health Department
YNHP	Yolo Natural Heritage Program
YSAQMD	Yolo-Solano Air Quality Management District
ZNE	zero net energy
µg/m <sup>3</sup>	micrograms per cubic meter