

## ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius (Centigrade)
°F	degrees Fahrenheit
µg/m <sup>3</sup>	micrograms per cubic meter
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ACP	Alternative Compliance Plan
ACT	American Canyon Transit
ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
AERMOD	American Meteorological Society/EPA Regulatory Model
AFY	acre-feet/year
AIA	Airport Influence Area
AIC	Archaeological Information Center
AICUZ	Air Installation Compatibility Use Zone
AIRFA	American Indian Religious Freedom Act
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
AMS	American Meteorological Society
APCD	Air Pollution Control District
APE	Area of Potential Effect
APN	Assessor's Parcel Number
AQI	Air Quality Index
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
ARB	California Air Resources Board
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ATCM	Airborne Toxic Control Measures
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BART	Bay Area Rapid Transit
BASMAA	Bay Area Stormwater Management Agencies Association

Acronyms and Abbreviations

BAU	business-as-usual
BCDC	Bay Conservation and Development Commission
BCF	billion cubic feet
BCF/year	billion cubic feet per year
BERD	California Built Environment Resource Directory
BMP	Best Management Practice
BTU	British Thermal Unit
BVOC	biogenic volatile organic compound
C&D	construction and demolition waste
c/mve	collisions per million vehicles entering
C <sup>2</sup> ES	Center for Climate and Energy Solution
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Health and Safety Administration
CalEEMod	California Emissions Estimator Model
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CASQA	California Stormwater Quality Association
CBC	California Building Standards Code
CCA	community choice aggregations
CCAC	Climate and Clean Air Coalition
CCCC	California Climate Change Center
CCR	California Code of Regulations
CCTS	Central California Taxonomic System
CDF	California Department of Finance
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFC	chlorofluorocarbon
CFR	Code of Federal Regulations
CH <sub>4</sub>	methane
CHL	California Historical Landmarks

CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO <sub>2</sub> e	carbon dioxide equivalent
COC	constituents of concern
CPHI	California Points of Historical Interest
CPUC	California Public Utilities Code
CRA	Cultural Resources Assessment
CRAM	California Rapid Assessment Method
CRHR	California Register of Historical Resources
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
DBH	diameter at breast height
DOE	United States Department of Energy
DPM	diesel particulate matter
DTSC	California Department of Toxic Substances Control
du	dwelling unit
du/acre	dwelling unit per acre
DWR	California Department of Water Resources
EECAP	Energy Efficiency Climate Action Plan
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMF	electromagnetic field
EPA	United States Environmental Protection Agency
EV	electric vehicle
FAA	Federal Aviation Administration
FAR	floor area ratio
FCS	FirstCarbon Solutions
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map

Acronyms and Abbreviations

FSM	Further Study Control Measure
GHG	greenhouse gas
GI	General Industrial
gpm	gallons per minute
GPS	Global Positioning System
GWh	gigawatt-hours
GWh/y	gigawatt-hours per year
GWP	global warming potential
HAP	Hazardous Air Pollutant
HBG	Huffman-Broadway Group, Inc.
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HFC	hydrofluorocarbon
HI	hazard index
HOV/HOT	High Occupancy Vehicle/High Occupancy Toll
HRA	Health Risk Assessment
HRI	California Historic Resources Inventory
HSWA	Hazardous and Solid Waste Act
HVAC	heating, ventilation, and air conditioning
HWCL	Hazardous Waste Control Law
IAQ	Indoor Air Quality
IPCC	United Nations Intergovernmental Panel on Climate Change
ISTEA	Intermodal Surface Transportation Efficiency Act
ITP	Incidental Take Permit
IW	Isolated Wetland
kW	kilowatts
LCFS	Low Carbon Fuel Standard
LDA	light-duty auto
L <sub>dn</sub>	day/night average sound level
LDT1	light-duty truck 1
LDT2	light-duty truck 2
LED	light-emitting diode
LEEDTM	Leadership in Energy and Environmental Design
L <sub>eq</sub>	equivalent sound level
LEV	low-emission vehicle
LID	Low Impact Development
LOS	Level of Service
LSE	load-serving entities

MBTA	Migratory Bird Treaty Act
MDV	medium-duty vehicle
mgd	million gallons per day
MMRP	Mitigation Monitoring and Reporting Program
mph	miles per hour
MPO	Metropolitan Planning Organization
MS4	Municipal Separate Storm Sewer System
MTBE	methyl tertiary-butyl ether
MTC	Metropolitan Transportation Commission
MTS	Metropolitan Transportation System
MW	megawatt
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hour
MXD	mixed-use development
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NACC	Napa Airport Corporate Center
NAHC	Native American Heritage Commission
NapaSan	Napa Sanitation District
NCTPA	Napa County Transportation and Planning Agency
NEHRP	National Earthquake Hazards Reduction Program
NEPA	National Environmental Policy Act
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NF <sub>3</sub>	nitrogen trifluoride
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHM	Natural History Museum of Los Angeles County
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NO <sub>2</sub>	nitrogen dioxide
NOAA Fisheries	National Marine Fisheries Service
NOC	Notice of Completion
NOI	Notice of Intent
NOP	Notice of Preparation
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places

Acronyms and Abbreviations

NVWMA	Napa-Vallejo Waste Management Authority
NWIC	Northwest Information Center
NWPR	Navigable Waters Protection Rule
O <sub>3</sub>	ozone
OAL	Office of Administrative Law
OEHHA	California Office of Environmental Health Hazard Assessment
OHWM	ordinary high water mark
ONAC	Federal Office of Noise Abatement and Control
OPR	Governor’s Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PCB	polychlorinated biphenyl
PCE	Passenger Car Equivalent
pCi/L	picocuries per liter
PERP	Portable Equipment Registration Program
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric Company
Phase I ESA	Phase I Environmental Site Assessment
PM <sub>10</sub>	particulate matter, including dust, 10 micrometers or less in diameter
PM <sub>2.5</sub>	particulate matter, including dust, 2.5 micrometers or less in diameter
PM <sub>x</sub>	particulate matter
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PRC	Public Resources Code
PPV	peak particle velocity
PRC	Public Resources Code
PVC	polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
Recology	Integrated Resource Recovery Company
RecycleSmart	Central Contra Costa County Solid Waste Authority
REL	Reference Exposure Level
RMP	Risk Management Plan
rms	root mean square
ROG	reactive organic gases
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act

SB	Senate Bill
SF <sub>6</sub>	sulfur hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SFPUC	San Francisco Public Utilities Commission
SIP	State Implementation Plan
SO <sub>2</sub>	sulfur dioxide
South Coast AQMD	South Coast Air Quality Management District
SR	State Route
SS	Stationary Source
SSMM	start-up, shutdown, maintenance, and malfunction
State Water Board	California State Water Resources Control Board
STN	State Transportation Network
SWITRS	Statewide Integrated Traffic Records System
SWMP	Storm Water Management Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
TAC	toxic air contaminants
TCM	transportation control measures
TDM	Transportation Demand Management
TDS	total dissolved solids
TDV	Time Dependent Valuation
TEA-21	Transportation Equity Act for the 21st Century
Tg	teragram
therms/y	therms per year
TIA	Traffic Impact Analysis
TIF	Transportation Impact Fee
TIS	Traffic Impact Study
TISG	Transportation Impact Study Guide
TMA	Transportation Management Association
TMDL	Total Maximum Daily Load
TNW	traditional navigable water
TOD	Transit Oriented Development
TRU	Transport Refrigeration Unit
UBC	Uniform Building Code
UNFCCC	United Nations Framework Convention on Climate Change
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture

**Acronyms and Abbreviations**

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USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan
V/C	volume to capacity ratio
Valley Air District	San Joaquin Valley Air Pollution Control District
VDECS	Verified Diesel Emission Control Strategies
VINE	Valley Intercity Neighborhood Express
VMT	Vehicle Miles Traveled
VOC	volatile organic compound
WDR	Waste Discharge Requirement
WQMP	Water Quality Management Plan
WSA	Water Supply Assessment
WWTP	Wastewater Treatment Plant
ZEV	Zero Emission Vehicle
ZWF	zero water footprint