

VIII. Acronyms and Abbreviations



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µm	micrometer
AB	Assembly Bill
ACC	advanced clean cars
ACM	asbestos-containing material
ADC	alternative daily cover
AES	Acoustical Engineering Services
AFY	acre-feet per year
AIA	American Institute of Architects
Air Basin	South Coast Air Basin
APA	Administrative Procedure Act
AQMP	air quality management plan
ASHRAE	American Society of Heating and Air-Conditioning Engineers
AST	aboveground storage tanks
ASTM	American Society for Testing and Materials
ATCM	airborne toxic control measure
BIOS	biogeographic information and observation system
BMP	best management practice
BRA	biological resources assessment
BSA	biological study area
BUG	Backlight, Uplight and Glare
C&D	construction & demolition
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards

CAFE	corporate average fuel economy
CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen Code	California Green Building Standards Code
California Register	California Register of Historical Resources
CalRecycle	California Department of Resources Recycling and Recovery
Caltech	California Institute of Technology
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAT	California Climate Action Team
CBC	California Building Code
CBPC	California Business and Professions Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CEUS	California Commercial End-Use Survey
cf	cubic feet
CFC	California Fire Code
CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Survey

CH ₄	methane
CHHSL	California Human Health Screening Level
CHRIS	California Historical Resources Inventory System
Climate Registry	California Climate Action Registry
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNG	compressed natural gas
CO	carbon monoxide
CO ₂	carbon dioxide
CoIWMP	Los Angeles County Integrated Waste Management Plan
County	County of Los Angeles
CPT	cone penetration test
CPUC	California Public Utilities Commission
CSE	countywide siting element
CUP	conditional use permit
CUPA	Certified Unified Program Agency
CUWCC	California Urban Water Conservation Council
CVC	California Vehicle Code
CWA	Clean Water Act
CWC	California Water Code
CWHR	California wildlife habitat relationships
dB	decibel
DBH	diameter-at-breast-height
DHS	Department of Health Services
DOGGR	Division of Oil, Gas and Geothermal Resources
DOT	Department of Transportation
DPM	diesel particulate matter

DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMI	emissions inventory data
EV	electric vehicle
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FTA	Federal Transit Administration
GHG	greenhouse gas
gpd	gallons per day
gpm	gallons per minute
GWh	gigawatt-hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HAP	hazardous air pollutant
HAZNET	Hazardous Waste Information System
HFCs	hydrofluorocarbons
HHW	household hazardous wastes
HQTA	high-quality transit area
HRA	health risk assessment
HREC	historical recognized environmental condition
HSC	Health and Safety Code
HVAC	heating, ventilating, and air conditioning
ICU	intersection capacity utilization

IPCC	United Nations Intergovernmental Panel on Climate Change
IPR	indirect potable reuse
IRP	integrated resource plan
ITE	Institute of Transportation Engineers
kWh	kilowatt-hour
LACDPW	Los Angeles County Department of Public Works
LACFCD	Los Angeles County Flood Control District
LACoFD	Los Angeles County Fire Department
LACSD	Los Angeles County Sanitation Districts
LADOT	Los Angeles Department of Transportation
LAG WRP	Los Angeles–Glendale Water Reclamation Plant
LARWQCB	Los Angeles Regional Water Quality Control Board
LASAN	Los Angeles Bureau of Sanitation
LBP	lead-based paint
LCFS	low carbon fuel standard
L_{eq}	equivalent sound level
LEV	low-emission vehicle
LID	low-impact development
L_{max}	maximum sound level
LPG	liquid propane gas
LQG	large quantity generator
LST	localized significance threshold
LUP	land use permit
MBTA	Migratory Bird Treaty Act
MCL	maximum contaminants level
Metro	Los Angeles County Metropolitan Transportation Authority
MGP	manufactured gas plant
mph	miles per hour

MPO	metropolitan planning organization
MW	megawatts
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hours
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standard
National Register	National Register of Historic Places
NCCP	natural community conservation plan
ND	non-detect
NESHAP	National Emission Standards for Hazardous Air Pollutants
NEV	neighborhood electric vehicle
NF ₃	nitrogen trifluoride
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NVCS	National Vegetation Classification System
NWI	wetlands inventory
O ₃	ozone
OEHHA	Office of Environmental Health Hazard Assessment
OHWM	ordinary high water mark
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Pb	lead

PCBs	polychlorinated biphenyls
PCE	perchloroethylene
PFCs	perfluorocarbons
PFD	Pasadena Fire Department
Phase I ESA	Phase I Environmental Site Assessment
PHEV	plug-in hybrid electric vehicles
PM _{2.5}	fine particulate matter
PM ₁₀	respirable particulate matter
PMC	Pasadena Municipal Code
PPD	Pasadena Police Department
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
psi	pounds per square inch
PV	photovoltaic
PWP	Pasadena Water and Power
quad	quadrangle
RACR	removal action completion report
RASS	residential appliance saturation survey
RAW	removal action workplan
RCNM	roadway construction noise model
RCP	regional comprehensive plan
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RFS	Renewable Fuel Standard
RMS	root-mean square
ROG	reactive organic compound
ROW	right-of-way

RPS	renewable portfolio standards
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWMP	recycled water master plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCLF	Scholl Canyon Landfill
SCS	sustainable communities strategy
SDWA	Safe Drinking Water Act
SF ₆	sulfur hexafluoride
SFHA	special flood hazard area
SMP	soil management plan
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SOHP	State Office of Historic Preservation
SQG	small quantity generator
SQMP	stormwater quality management program
SR-110	State Route 110
SR-2	Angeles Crest Highway
SRA	source receptor area
STC	Sound Transmission Class
SUSMP	standard urban stormwater mitigation plan
SVE	soil vapor extraction
SWIMS	solid waste information management system

SWP	State Water Project
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAZ	traffic analysis zone
TCE	trichloroethylene
TDF	travel demand forecasting
TDM	transportation demand management
TDS	total dissolved solids
TeNS	Technical Noise Supplement
TIA	Transportation Impact Analysis
TMDL	total maximum daily load
TNM	Traffic Noise Model
TOD	transit-oriented development
TSCA	Toxic Substances Control Act
TSM	transportation system management
UFC	Uniform Fire Code
ULAR	Upper Los Angeles River
UNFCCC	United Nations Framework Convention on Climate Change
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
US-101	U.S. Highway 101
USACE	United States Army Corps of Engineers
USC	United States Code
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service

USGS	United States Geological Survey
USPS	United States Postal Service
UST	underground storage tanks
UWMP	urban water management plan
V/C	volume-to-capacity
VCP	voluntary cleanup program
VdB	decibel unit referenced to 1 micro-inch per second
VEC	vapor encroachment condition
VMT	vehicle-miles traveled
VOC	volatile organic compound
VT	vehicle trips
W	watts
WBR	waste-by-rail
Wh	watt-hours
WIRP	water integrated resources plan
WRP	water reclamation plant
WSA	Water Supply Assessment
WTP	water treatment plant
ZEV	zero-emission vehicle