

## 9 ACRONYMS AND ABBREVIATIONS

Acronym	Acronym and Abbreviation Description
A	
AAI	All appropriate inquiries
AAQS	ambient air quality standards
AB	Assembly Bill
ACM	Asbestos-containing material
ADT	average daily traffic (or average daily trips) made by vehicles or persons in a 24-hour period
AELUP	Airport Environs Land Use Plan
AEP	Annual Emissions Reports
AG	Attorney General
aka	also known as
ALUC	Airport Land Use Commission
AM	morning (before noon)
AMI	Area Median Incomes
APCD	Air Pollution Control District
APN	Assessor Parcel Number
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
ASI	Application Screening Index
ASTM	American Society Testing and Materials
B	
BACT	Best Available Control Technology
BAT	Best Available Technology
BMP	Best Management Practices (or Programs)

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Acronym	Acronym and Abbreviation Description
C	
CAA	Clean Air Act (federal)
CAAQS	California Ambient Air Quality Standards
CAC	California Administrative Code
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CA-FID UST	California Facility Inventory Database UST
CalOSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CBSC	California Building Standard Commission
CC	City Council
CCAA	California Clean Air Act
CC&Rs	Covenants, Conditions, and Restrictions
CCCC	California Climate Change Center
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDMG	Conservation Division of Mines and Geology
CEC	California Energy Commission
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CEQA	California Environmental Quality Act of 1970
CFR	Code of Federal Regulations

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Acronym	Acronym and Abbreviation Description
CFS	cubic feet per second
CGS	California Geologic Survey
CH <sub>4</sub>	methane
CHRIS	California Historic Resources Inventory System
CIP	Capital Improvement Plan
CMP	Congestion Management Plan (or Program)
CPT	Cone Penetrometer Test
CWA	Clean Water Act
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	Carbon Dioxide Equivalent
COC	Chemical of Concern
COG	Council of Governments
CPUC	California Public Utilities Commission
CRHR	California Register of Historic Places
CRNA	California Natural Resources Agency
CSDOC	County Sanitation District of Orange County
CUP	Conditional Use Permit
CUPA	Certified Unified Program Agency
cy	cubic yard
D	
DA	Development Agreement
DAMP	Drainage Area Management Plan
dB	decibel
dBA	A-weighted decibel scale

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Acronym	Acronym and Abbreviation Description
DDT	Dichlorodiphenyltrichloroethane
DHS	Department of Health Services, State of California
DNL	Day Night Noise Level
DOF	Department of Finance, State of California
DOT	Department of Transportation, United States
DPM	Diesel Particulate Matter
DTSC	Department of Toxic Substances Control, State of California
du	dwelling unit
du/ac	dwelling units per acre
DWR	Department of Water Resources
E	
EB	eastbound
EDR	Environmental Data Resources, Inc.
e.g.	For example
EIR	Environmental Impact Report (CEQA)
EO	Executive Order
ESA	Environmental Site Assessment
ESA	Environmental Study Area
F	
°F	degrees Fahrenheit
FAA	Federal Aviation Administration
FAR	floor area ratio
FAR	Federal Aviation Regulations
FEIR or Final EIR	Final Environmental Impact Report (CEQA)
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act

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Acronym	Acronym and Abbreviation Description
FHWA	Federal Highways Administration (U.S. Department of Transportation)
FIRM	Flood Insurance Rate Map
FTA	Federal Transit Administration
G	
gfa	gross floor area
GHG	greenhouse gas
GIS	Geographic Information Systems
GP	General Plan
GPA	General Plan Amendment
gpm	gallons per minute
GPS	Global positioning system
gsf	gross square feet
GWP	global warming potential
H	
HMAT	Hazardous Materials Transportation Act
HAZNET	Hazardous Waste Information System
Hazmat	hazardous materials
HCD	California Department of Housing and Community Development
HCM	Highway Capacity Manual
HEC-RAS	Hydrologic Engineering Centers River Analysis System
HFCs	hydrofluorocarbons
HHWA	Household Hazardous Waste
HOA	Homeowners Association
hr	Hour
HVAC	heating, ventilating, and air conditioning
Hz	hertz

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Acronym	Acronym and Abbreviation Description
I	
I-	Interstate
IBC	International Building Code
ICDP	Integrated Conceptual Development Plan
ICU	Intersection Capacity Utilization
in/sec	inch per second
IRWD	Irvine Ranch Water District
IS	Initial Study (CEQA)
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation Systems
K	
K-8	Kindergarten through 8 <sup>th</sup> grade
km	Kilometer
L	
LBP	lead-based paint
lb	Pound
lb/day	pounds per day
LCFS	Low Carbon Fuel Standard
L <sub>dn</sub>	Day-Night Average Sound Level
L <sub>eq</sub>	Sound Energy Equivalent Noise Level
LED	light emitting diode
LEED™	Leadership in Energy and Environmental Design
LID	Low Impact Development
L <sub>max</sub>	maximum noise level
L <sub>min</sub>	minimum noise level
LOS	Level of Service (traffic flow rating)

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Acronym	Acronym and Abbreviation Description
LST	Localized significance threshold
M	
MBTA	Migratory Bird Treaty Act
MCE	Maximum Credible Earthquake
MCL	maximum contaminant level
MEP	maximum extent practicable
MEK	methyl ethyl ketone (2-butanone)
MFR	multiple-family residential
mg	million gallons
mgd	Million gallons per day
mm	millimeter
MM	mitigation measure
MMRP	Mitigation Monitoring and Reporting Program
MMTCO <sub>2</sub> e	Million Metric Ton Carbon Dioxide Equivalent
MND	Mitigated Negative Declaration (CEQA)
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPAH	Master Plan of Arterials Highways (County of Orange)
mpg	miles per gallon
mph	miles per hour
MPO	Metropolitan Planning Organization
MPSH	Master Plan of Streets and Highways
MS4	Municipal Separate Storm Sewer System
MSL	mean sea level
MTBE	Methyl t-butyl ether
MTCO <sub>2</sub> e/yr	Metric Ton of Carbon Dioxide Equivalent per year

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Acronym	Acronym and Abbreviation Description
MWD	Metropolitan Water District of Southern California
MWDOC	Municipal Water District of Orange County
N	
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NAP	not a part
NB	northbound
NCCP	Natural Communities Conservation Plan
ND	Negative Declaration (CEQA)
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NO <sub>2</sub>	nitrogen dioxide
NOx	oxides of nitrogen (nitric oxide and nitrogen dioxide)
NOA	Notice of Availability (CEQA)
NOC	Notice of Completion (CEQA)
NOD	Notice of Determination (CEQA)
NOI	Notice of Intent
NOP	Notice of Preparation (CEQA)
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O	
O <sub>3</sub>	ozone
OCFA	Orange County Fire Authority
OCFCD	Orange County Flood Control District
OCHCA-EH	Orange County Health Care Agency, Environmental Health Division
OCSD	Orange County Sanitation District

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Acronym	Acronym and Abbreviation Description
OCTA	Orange County Transportation Authority
OPR	Office of Planning and Research, State of California
OSHA	Occupational Safety and Health Agency (California)
P	
Pb	Lead
PC	Planned Community
PC	Planning Commission
PCB	polychlorinated biphenyl
PCE	Passenger Car Equivalent
PRC	Public Resources Code
PDF	Project Design Feature
PEC	Potential environmental concern
PFCs	perfluorocarbons
PGA	peak ground acceleration
PHGA	peak horizontal ground acceleration
PM	evening (after noon)
PM2.5	respirable particulate matter less than 2.5 micrometers in diameter
PM10	respirable particulate matter less than 10 micrometers in diameter
ppb	parts per billion
ppm	parts per million
ppv	peak-particle velocity
PSHA	Probabilistic Seismic Hazard Analysis
pVIC	potential vapor intrusion condition
R	
RCB	reinforced concrete box
RCP	reinforced concrete pipe

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Acronym	Acronym and Abbreviation Description
RCP	Regional Comprehensive Plan, Southern California Association of Governments
RCRA-LOG	Resource Conservation and Recovery Act – Large Quantity Generator
REC	recognized environmental condition
RHNA	Regional Housing Needs Assessment
ROC	reactive organic compounds
ROG	reactive organic gases
RPA	Registered Professional Archeologist
RSA	Regional Statistical Areas
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy (SCAG)
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agency
RTIP	Regional Transportation Implementation Program
RWQCB	Regional Water Quality Control Board
S	
SB	Senate Bill
SB	southbound
SC	Standard Condition and Requirement
SoCAB (or air basin)	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCAQMP	South Coast Air Quality Management Plan
SCE	Southern California Edison
SCH	State Clearinghouse, State of California
SCS	Sustainable Communities Strategy
SEL	Sound Exposure Level
Sf	square foot (or feet)
SFR	single-family residential

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Acronym	Acronym and Abbreviation Description
SIP	State Implementation Plan
SoCalGas	Southern California Gas Company
SO <sub>2</sub>	sulfur dioxide
SO <sub>4</sub>	sulfates
Sox	sulfur oxides
SR-	State Route
SWEEPS UST	Statewide Environmental Evaluation and Planning System UST
SWPPP	Storm Water Pollution Prevention Program
SWRCB	State Water Resources Control Board
T	
TAC	toxic air contaminant
TDM	Transportation Demand Management
TIA	Traffic Impact Analysis
TMDL	Total Maximum Daily Load
TOG	total organic gases
TPH	total petroleum hydrocarbons
TPO	Traffic Phasing Ordinance
TSF	thousand square feet
U	
UBC	Uniform Building Code
UCI	University of California, Irvine
USACE	U.S. Army Corps of Engineers
USGBC	U.S. Green Building Council
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank

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Acronym	Acronym and Abbreviation Description
UWMP	Urban Water Management Plan
V	
V/C	volume-to-capacity ratio
Vdb	vibration decibels
VMT	vehicle miles traveled
VOC	volatile organic compounds
vpd	vehicles per day
vph	vehicles per hour
Vphpl	vehicles per hour per lane
W	
WDR	Waste Discharge Requirement
WQMP	Water Quality Management Plan
WSA	Water Supply Assessment
WUI	Wildland Urban Interface
Y	
YBP	years before present
Symbols	
HI <sub>A</sub>	chronic non-cancer risk
HI <sub>C</sub>	acute risk
µg/L	micrograms per liter
µg/m <sup>3</sup>	micrograms per cubic meter