

List of Abbreviations/Acronyms

°F	degrees Fahrenheit
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADT	average daily traffic
AELUP	Airport Environs Land Use Plan
AF	acre-feet
AFY	acre-feet per year
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
AMI	area median income
APSA	Aboveground Petroleum Storage Act
AQMP	air quality management plan
BAAQMD	Bay Area Air Quality Management District
Basin	South Coast Air Basin
Basin Plan	Santa Ana Regional Water Quality Control Board Basin Plan
BAU	business as usual
BGEPA	Bald and Golden Eagle Protection Act
BLM	Bureau of Land Management
BMP	best management practice
BMR	Below Market Rate
BNSF	Burlington Northern Santa Fe
BP	Before Present
CAA	Clean Air Act
CAAP	Climate Action and Adaptation Plan
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
Cal EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire
CalARP	California Accidental Release Prevention
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards Code
Cal-OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources Recycling and Recovery
CalSTA	California State Transportation Agency
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CCE	Community Choice Energy

CCR	California Code of Regulations
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
CFD	Community Facilities District
CFR	Code of Federal Regulations
CH ⁴	Methane
CHL	Historical Landmarks
CHRI	California Historical Resources Inventory
City	City of Irvine
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CPHI	California Points of Historical Interest
CPUC	California Public Utilities Commission
CREATE	Chicago Rail Efficiency and Transportation Efficiency
CRHR	California Register of Historic Resources
CUPA	Certified Union Program Agency
CWA	Clean Water Act
CZARA	Coastal Zone Act Reauthorization Amendments
DAMP	Drainage Area Management Plan
dB	decibel
dB(A)	A-weighted decibel
DPM	diesel particulate matter
DTSC	California Department of Toxic Substances Control
EIR	environmental impact report
EO	Executive Order
EOP	Emergency Operations Plan
EPCA	Environmental Protection and Climate Action
EV	Electric vehicle
FAA	Federal Aviation Administration
FAR	Federal Air Regulations
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FICON	Federal Interagency Committee on Noise
FMMP	Farmland Mapping and Monitoring Program

FMP	Facilities Master Plan
FTA	Federal Transit Authority
FWCA	Fish and Wildlife Coordination Act
GHG	greenhouse gas
GIS	geographic information system
GWh	gigawatt-hours
GWP	global warming potential
HCD	California Department of Housing and Community Development
HCP	Habitat Conservation Plan
HMBEP	Hazardous Materials Business Emergency Plan
HRA	Health Risk Assessment
HVAC	heating, ventilation, and air conditioning
HWCL	Hazardous Waste Control Law
Hz	hertz
I-405	Interstate 405
I-5	Interstate 5
IBC	Irvine Business Complex
IGP	Industrial General Permit
in/sec	inch per second
IPCC	Intergovernmental Panel on Climate Change
IPD	Irvine Police Department
IRP	Integrated Resource Planning
IRWD	Irvine Ranch Water District
ITC	Irvine Transportation Center
IUSD	Irvine Unified School District
IVC	Irvine Valley College
LAWRP	Los Alisos Water Recycling Plant
LCP	Local Coastal Plan
LEED	Leadership in Energy and Environmental Design
L_{eq}	hourly equivalent sound level
LHMP	Local Hazard Mitigation Plan
LID	Low Impact Development
LIP	Local Implementation Plan
LOMR	Letter of Map Revision
LOS	Level of Service
L_{pw}	sound power
L RTP	Long Range Transportation Plan
LST	Localized Significance Threshold
MATES	Multiple Air Toxics Exposure Study
MBTA	Migratory Bird Treaty Act
MCAS	Marine Corps Air Station
MERV	minimum efficiency reporting value
mgd	million gallons per day
MLD	Most Likely Descendent

MMT CO ₂ E	million metric tons of carbon dioxide equivalent
MPAH	Master Plan of Arterial Highways
mpg	miles per gallon
mph	miles per hour
MPO	Metropolitan Planning Organization
MRZ	Mineral Resource Zone
MT CO ₂ E	metric tons of carbon dioxide equivalent
MWD	Metropolitan Water District of Southern California
MWDOC	Municipal Water District of Orange County
MWRP	Michelson Water Recycling Plant
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAVD	North American Vertical Datum
NCCP	Natural Community Conservation Plan
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NITM	North Irvine Transportation Mitigation
NO ₂	nitrogen dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRHR	National Register of Historic Resources
NTS	natural treatment system
OCCOG	Orange County Council of Governments
OCFA	Orange County Fire Authority
OCFCD	Orange County Flood Control District
OCHCA	Orange County Health Care Agency
OCP	Orange County Projections
OCPA	Orange County Power Authority
OCPL	Orange County Public Libraries
OCPW	Orange County Public Works Department
OCSD	Orange County Sanitation District
OCTA	Orange County Transportation Authority
OCWD	Orange County Water District
OEHHA	Office of Environmental Health Hazard Assessment
OEM	Office of Emergency Management
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Pb	lead
PEIR	Program Environmental Impact Report

PM ₁₀	particulate matter less than 10 microns in diameter
PM _{2.5}	particulate matter less than 2.5 microns in diameter
ppm	parts per million
PPP	plans, programs, or policies
PPV	peak particle velocity
PRC	Public Resources Code
project	City of Irvine 2045 Focused General Plan Update
RCP	Regional Comprehensive Plan
RCRA	Resource Conservation and Recovery Act
REMEL	Reference Energy Mean Emission Level
RHNA	Regional Housing Needs Allocation
ROG	reactive organic gases
RPS	Renewable Portfolio Standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement
SARA	Superfund Amendments and Reauthorization Act
SAUSD	Santa Ana Unified School District.
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCH	State Clearinghouse
SCRRA	Southern California Railroad Authority
SCS	Sustainable Communities Strategy
SFHA	Special Flood Hazard Area
SGC	Strategic Growth Council
SGMA	Sustainable Groundwater Management Act
SHMA	Seismic Hazard Mapping Act
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	Surface Mining and Reclamation Act
SO ₂	sulfur dioxide
SoCalGas	Southern California Gas Company
SOCCCD	South Orange County Community College District
SPCC	Spill Prevention, Control, and Countermeasure
SR-133	State Route 133
SR-241	State Route 241
SR-55	State Route 55
SR-73	State Route 73
SRA	Seismic Response Area
SVUSD	Saddleback Valley Unified School District
SWPPP	storm water pollution prevention plan

SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TCE	trichloroethylene
TDM	Transportation Demand Management
TMDL	total maximum daily load
TRIPS	Transportation for Irvine Residents with Disabilities
TUSD	Tustin Unified School District
U.S. EPA	United States Environmental Protection Agency
UCI	University of California, Irvine
USACE	United States Army Corps of Engineers
USC	United States Code
USC	United States Code
USDA	U.S. Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan
VdB	vibration decibels
VMT	vehicle miles traveled
VOC	volatile organic compounds
vph	vehicles per hour
WDR	Waste Discharge Requirement
WMA	Watershed Management Areas
WQMP	Water Quality Management Plan
WRMP	Water Resources Master Plan
WSA	Water Supply Assessment
ZEVTP	Zero-Emission Vehicles Transition Plan