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## Abbreviations and Acronyms

### ABBREVIATIONS AND ACRONYMS

AAQS	ambient air quality standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADT	average daily trips
afy	acre-feet per year
amsl	above mean sea level
AQMP	air quality management plan
ATS	active treatment system
BAT	best available technology economically achievable
BAU	business as usual
BCT	best conventional pollutant control technology
BEH	Bureau of Environmental Health (Long Beach)
bgs	below ground surface
BMP	best management practice
CAA	Clean Air Act
CAFÉ	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
Cal/EPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
CARB	California Air Resources Board
CBC	California Building Code
CCR	California Code of Regulations
CDPH	California Department of Public Health
CEC	California Energy Commission
CEC	California Education Code
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHMIRS	California Hazardous Materials Incident Reporting System
CLBDG	Central Long Beach Design Guidelines

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CMP	congestion management program
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO <sub>2e</sub>	carbon dioxide equivalent
CRC	California Residential Code
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dba	A-weighted decibel
DEIR	draft environmental impact report
DOF	Department of Finance (CA)
DOT	Department of Transportation
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control (CA)
DWR	Department of Water Resources (CA)
EIR	environmental impact report
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning Community Right-to-Know Act
ERNS	Emergency Response Notification System
ESA	environmental site assessment
FAA	Federal Aviation Administration
FEIR	final environmental impact report
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GCP	General Construction Permit
GHG	greenhouse gas
gpcd	gallons per capita per day
gpd	gallons per day
GWH	gigawatt-hour
GWP	global warming potential
HCD	Housing and Community Development Department (CA)
HCM	Highway Capacity Manual
HQTA	high quality transit area
HRA	health risk assessment

## Abbreviations and Acronyms

ICU	Intersection Capacity Utilization
IFC	International Fire Code
IPCC	Intergovernmental Panel on Climate Change
JWPCP	Joint Water Pollution Control Plant
kBTU	1,000 British thermal units
$L_{eq}$	energy-equivalent sound level
LACFCD	Los Angeles County Flood Control District
LACSD	County Sanitation Districts of Los Angeles County
LARWQCB	Los Angeles Regional Water Quality Control Board
LBFD	Long Beach Fire Department
LBPD	Long Beach Police Department
LBHHS	Long Beach Department of Health and Human Services
LBMMC	Long Beach Memorial Medical Center
LBP	lead-based paint
LBPL	Long Beach Public Library
LBPRM	Long Beach Parks, Recreation and Marine
LBT	Long Beach Transit
LBUSD	Long Beach Unified School District
LBWD	Long Beach Water Department
LBWRP	Long Beach Water Reclamation Plant
LCFS	Low Carbon Fuel Standard
LEA	local enforcement agency
LEED	Leadership in Energy & Environmental Design (US Green Building Council)
LID	low impact development
LOS	level of service
LQHE	limited quantity hauling exemption
LST	localized significance threshold
LUST	leaking underground storage tank
$M_w$	moment magnitude
MATES	Multiple Air Toxics Exposure Study
MEP	maximum extent practicable
Metro	Los Angeles Metropolitan Transit Authority
mgd	million gallons per day
mg/L	milligrams per liter

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MMCF/day	million cubic feet per day
MMI	Modified Mercalli Intensity Scale
MMT	million metric ton
MPD	master plan of drainage
mpg	miles per gallon
MPO	metropolitan planning organization
MRP	medical removal protection
MS4	municipal separate storm sewer system
MT	metric ton
MUTCD	Manual for Uniform Traffic Control Devices
MWD	Metropolitan Water District of Southern California
MWMA	Medical Waste Management Act
NHPA	National Historic Preservation Act of 1966
NOAA	National Oceanic and Atmospheric Administration
NOI	notice of intent
NOP	notice of preparation
NPDES	National Pollutant Discharge Elimination System
OEHHA	Office of Environmental Health Hazard Assessment (CA)
OHP	Office of Historic Preservation (CA)
OPR	Governor's Office of Planning and Research
PCB	polychlorinated biphenyl
PD	Planned Development District
PEL	permissible exposure limit
phga	peak horizontal ground acceleration
PM	particulate matter
PPV	peak particle velocity
PRD	project registration document
RCP	reinforced concrete pipe
RCRA	Resource Conservation and Recovery Act
RHNA	Regional Housing Needs Assessment
RMS	root-mean-square
RPS	renewable portfolio standard
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board

## Abbreviations and Acronyms

SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SERRF	Southeast Resource Recovery Facility
SHMA	Seismic Hazard Mapping Act
SIP	State Implementation Plan
SLIC	spills, leaks, investigation, and cleanup
SoCAB	South Coast Air Basin
SRA	source receptor area
SUSMP	standard urban stormwater management plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TDM	transportation demand management
TIA	transportation impact analysis
TIP	transportation improvement program
TMDL	total maximum daily load
TSCA	Toxic Substances Control Act
UWMP	urban water management plan
VMT	vehicle miles traveled
V/C	volume to capacity
VOC	volatile organic compound
WAA	water availability assessment
WDR	waste discharge requirement
WQO	water quality objective
WRD	Water Replenishment District of Southern California
ybp	years before present

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