

Chapter 8

Acronyms and Abbreviations

%	percent
°F	Fahrenheit
AB	Assembly Bill
ACM	asbestos-containing material
ACWM	asbestos-containing waste materials
ADA	American with Disabilities Act
ADR	average daily rate
ADT	average daily traffic
AES power plant	AES Redondo Beach Generating Station
Af	artificial fill
AFY	acre feet per year
APE	Area of Potential Effect
AQMP	Air Quality Management Plan
AR4	IPCC's Fourth Assessment Report
AST	aboveground storage tank
ATV	all-terrain vehicle
BAAQMD	Bay Area Air Quality Management District
Basin	Los Angeles Basin
BAU	Business As Usual
BCT	Beach Cities Transit
bgs	below ground surface
BMPs	Best Management Practices
BOD	Biochemical Oxygen Demand
BTEX	benzene, toluene, ethylbenzene, and xylenes
C&D	Construction and demolition
CAA	Clean Air Act
CAAA	CAA Amendments of 1990
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy Standards

Cal/OSHA	California Occupational Safety and Health Administration
Cal-ARP	California Accidental Release Prevention Program
CalEPA	California Environmental Protection Agency
CALGreen Code	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CalWater	California Water Service Company
CAO	Cleanup and Abatement Order
CARB	California Air Resources Board
CAT	Climate Action Team
CBC	California Building Code
CC	Coastal Commercial zone
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDO	Cease and Desist Orders
CDP	Coastal Development Permit
CE	Los Angeles Department of Transportation Commuter Express
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
CGP	SWRCB's Construction General Permit
CGS	California Geological Survey
CH ₄	Methane
CHMIRS	California Hazardous Material Incident Reporting System
CHP	California Highway Patrol
CHRIS	California Historic Resources Inventory
City	City of Redondo Beach
CIWMB	California Integrated Waste Management Board
CIWMP	Countywide Integrated Waste Management Plan
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	CO ₂ equivalents
COA	Condition of Approval
Coastal Act	California Coastal Act of 1976
COP	California Ocean Plan
COPC	Californian Ocean Protection Council
CPTED	Crime Prevention Through Environmental Design
CPUC	California Public Utilities Commission
CR	Commercial Recreation
CSE	Countywide Siting Element
CSLC	California State Lands Commission
CTR	California Toxics Rule

CUPA	Certified Unified Program Agency
dB	decibels
dBA	A-weighted decibels
DDT	dichloro-diphenyl-trichloroethane
District	Los Angeles County Flood Control District
DMA 2000	Disaster Mitigation Act of 2000
DOGGR	California State Division of Oil, Gas and Geothermal Resources
DPM	diesel particulate matter
DTSC	California Department of Toxic Substances Control
EA	Environmental Assessment
EDR	Environmental Data Resources Inc.
EFH	Essential Fish Habitat
eGRID	USEPA's Emissions & Generation Resources Integrated Database
EIR	Environmental Impact Report
ENSO	El Nino Southern Oscillation
EPCRA	Emergency Planning and Community Right-to-Know Act
ERNS	Emergency Response Notification System
EWMP	Enhanced Watershed Management Program
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FOG	Fats, Oils, and Grease
ft ²	square feet
G	Gravity
g/L	grams per liter
GBA	gross building area
GHG	greenhouse gas
GLA	gross leasable area
GPAC	General Plan Advisory Committee
gpd	gallons per day
gpm	gallons per minute
GWP	global warming potential
HABS/HAER/HALS	Historic American Building Survey/Historic American Engineering Record/Historic American Landscape Survey
HAP	hazardous air pollutant
HFC	Hydrofluorocarbon
HHMD	Health Hazardous Materials Division
HHWE	Household Hazardous Waste Element
Horseshoe Pier	Municipal Pier or Redondo Beach Pier
hp	horse power
HRI	California Historic Resources Inventory
HTP	Hyperion Treatment Plant
HVAC	heating, ventilation, air conditioning system
Hz	Hertz
I-	Interstate
I-105	Interstate 105 - Harbor Freeway
I-405	Interstate- 405 - San Diego Freeway
ICSC	International Council of Shopping Centers

IIPP	Injury Illness Prevention Program
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
JWPCP	Joint Water Pollution Control Plant
kBtu	British thermal units
kg	kilograms
KWahr	kilowatt hours
LACDPW	Los Angeles County Department of Public Works
LACFD	Los Angeles County Fire Department
LACM	Natural History Museum of Los Angeles County
LACSD	Los Angeles County Sanitation District
LARA	Los Angeles Regional Agency
LARWQCB	Los Angeles Regional Water Quality Control Board
LAWA	Los Angeles World Airports
LAX	Los Angeles International Airport
LCFS	Low Carbon Fuel Standard
LCP	Local Coastal Plan
LCP	Local Coastal Program/Plan
Ldn	Also abbreviated DNL, it is a 24-hour day and night noise exposure level
LED	light emitting diode
Leq	The energy-equivalent sound level
LID	Low Impact Development
Lmax	The instantaneous maximum noise level
LOS	Level of Service
LST	localized significance threshold
LSWPPP	local stormwater pollution prevention plan
LUP	Coastal Land Use Plan
LUST	Leaking Underground Storage Tank
MATES IV	Multiple Air Toxics Exposure Study IV
Metro	Los Angeles County Metropolitan Transportation Authority
MFP	Master Facilities Plan
mg/L	milligram per liter
mgd	million gallons per day
mgY	million gallons per year
MHHW	Mean Higher High Water
MHTL	Mean High Tide line
MHW	Mean High Water
ML	Richer scale
MLLW	Mean Lower Low Water
MLW	Mean Low Water
MMLW	Mean Mean Low Water
MMPA	Marine Mammal Protection Act
MMT	million metric tons
MOE	measure of effectiveness
MPO	metropolitan planning organization

MRF	Materials Recovery Facilities
MS4 Permit	municipal separate storm sewer system permit
MSL	Mean Sea Level
MT	metric ton
MT/yr	metric tons per year
MTBE	methyl tertiary butyl ether
MTCO ₂ e	metric tons carbon dioxide equivalents
MTL	Mean Tide Level
MUTCD	Caltrans Manual on Uniform Traffic Control Devices
MW	megawatt
Mw	Moment magnitude scale
MWDSC	Metropolitan Water District of Southern California
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NAVD	North American Vertical Datum
NDFE	Nondisposal Facility Element
NEPA	National Environmental Policy Act
NFA	no further action
NFRAP	No Further Remedial Action Planned database
NH ₃	ammonia
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO ₂	nitrogen dioxide
NOAA	National Oceanographic and Atmospheric Administration's
NOI	Notice of Intent
NOP	Notice of Preparation
Nox	nitrogen oxides
NPDES	National Pollution Discharge and Elimination System
NPS	non-point source
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHP	California Office of Historic Preservation
OPR	Office of Planning and Research
P	Public or Institutional designation
PAH	polycyclic aromatic hydrocarbon
Pb	lead
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PDO	Pacific Decadal Oscillation
PeMS	Caltrans' Performance Measurement System

PFC	perfluorocarbon
PGA	peak ground acceleration
PID	photoionization detector
Playbook	Maritime Tsunami Response Playbook and Mitigation Guidance
PM	particulate matter
PM ₁₀	particulate matter of less than 10 micrometers in aerodynamic diameter
PM _{2.5}	fine particulate matter of less than 2.5 micrometers in aerodynamic diameter
Pollys Pier	Sportfishing Pier
POTW	Publicly owned treatment works
P-PRO	Parks, Recreation and Open Space
PPV	Peak Particle Velocity
PRC	Public Resources Code
Protocal	Transportation Project-Level Carbon Monoxide Protocol
Qb	Recent Beach Deposits
Qe	eolian and dune deposits
Qoe	older eolian deposits
Qp	Pleistocene age marine/sedimentary deposits
RBFD	Redondo Beach Fire Department
RBMC	Redondo Beach Municipal Code
RCNM	Roadway Construction Noise Model
RCRA	Resource Conservation and Recovery Act
RCRA SQG	RCRA - Small Quantity Generator
RDE	retail, dining, entertainment
Redondo Beach Quadrangle	California Redondo Beach 7.5-Minute Quadrangle, Los Angeles County, California
RHA	River and Harbor Act
RMD	Medium Density Multiple-Family
rms	root mean square
ROG	reactive organic gases
RRP	Rehabilitation and Replacement Program
RTP	Regional Transportation Plan
SAFRR	USGS's Science Application for Risk Reduction project
SAR	Second Assessment Report
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCG	Southern California Gas Company
Scoping Plan	Climate Change Scoping Plan

SCS	Sustainable Communities Strategy
SECAP	System Evaluation and Capacity Assurance Plan
SEMS-NHFP	Standardized Emergency Management System- Multi-Hazards Functional Plan
SERC	State Emergency Response Commission
SF6	sulfur hexafluoride
SIP	State Implementation Plan
SLF	Sacred Lands File
SLIC	Spills, Leaks, Investigations, and Cleanup database
SO ₂	sulfur dioxide
SO ₃	sulfur trioxide
SO _x	sulfur oxides
sq. ft	square feet
State Route 1	Pacific Coast Highway
State Route 107	Hawthorne Boulevard
Summary Plan	Integrated Waste Management Summary Plan
SWEEPS	Statewide Environmental Evaluation and Planning System
SWF/LS	Solid Waste Facility/Landfill Site
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TIS	Traffic Impact Studies
TMDL	total maximum daily load
tpd	tons per day
TPH-g	total petroleum hydrocarbons as gasoline
TRC-USC	Tsunami Research Center at the University of Southern California
TRPH	total recoverable petroleum hydrocarbons
TSO	Time Schedule Order
TSS	total suspended solids
TT	Torrance Transit
U.S.C.	United States Code
UBC	Uniform Building Code
ug/kg	micrograms per kilogram
ULI	Urban Land Institute
UNFCCC	United Nations Framework Convention on Climate Change
USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank

UWMP	Urban Water Management Plan
VdB	velocity level in dB notation
VMT	vehicle miles travelled
VOC	volatile organic compound
Water Code	California Water Code
WBMWD	West Basin Municipal Water District
WDR	Waste Discharge Requirements Program
WMP	Waste Management Plan
WQBEL	water quality based effluent limitations
WRCC	Western Regional Climate Center
WSA	Water Supply Assessment
WWECP	Wet Weather Erosion Control Plan
µg/cm ³	micrograms per cubic meter