

Acronyms and Abbreviations

°F	Fahrenheit
AB	Assembly Bill
AC	asphalt cement
AF	acre-feet
AMSL	above mean sea level
APE	Area of Potential Effects
APST	aboveground petroleum storage tank
AQMP	air quality management plan
ASR	aquifer storage and recover
Basin	South Coast Air Basin
bgs	below ground surface
BMPs	best management practices
BTUs	British thermal units
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Safety and Health Administration
CalARP	California Accidental Release Prevention Program
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CCTV	Close circuit television
<u>CDFG</u>	<u>California Department of Fish and Game</u>
CDFW	California Department of Fish and Wildlife
CDHCD	California Department of Housing and Community Development
CDPH	California Department of Public Health
CEC	California Energy Commission
CECs	constituents of emerging concern
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act

CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHP	California Highway Patrol
City	City of Malibu
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂ e	carbon dioxide equivalent
CPUC	California Public Utility Commission
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CSDLAC	County Sanitation Districts of Los Angeles County
CT	cycle threshold
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
dB	decibel
dBA	A-weighted sound level
DBH	diameter at breast height
DBPs	disinfection byproducts
DDT	dichlorodiphenyltrichloroethane
DHS	Department of Health Services
DPM	diesel particulate matter
DPW	Los Angeles County Department of Public Works
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
EIR	environmental impact report
EPA or USEPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESHA	environmentally sensitive habitat area
ET _o	evapotranspiration rate
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration

FIRM	flood insurance rate map
FTA	Federal Transit Administration
GHGs	greenhouse gases
GIS	geographic information systems
<u>gpd</u>	<u>gallons per day</u>
GWP	global warming potential
H	height
HAAs	halo acetic acids
HHW	Household Hazardous Waste
HSWA	Hazardous and Solid Waste Act
HWCL	Hazardous Waste Control Law
Hz	Hertz
kHz	kilohertz
KOPs	key observation points
kWh	kilowatt-hour
L	length
LACC	Los Angeles County Code
LACFD	Los Angeles County Fire Department
LACM	Natural History Museum of Los Angeles County
LADWP	Los Angeles Department of Water and Power
LARWQCB	Los Angeles Regional Water Quality Control Board
LASD	Los Angeles County Sheriff's Department
LCP	Local Coastal Program
L _{dn}	Day/Night Noise Level
L _{eq}	Equivalent Noise Level
LID	Low Impact Development
LIP	Local Implementation Plan
LST	Localized Significance Threshold
LUP	Local Use Plan
MMC	City of Malibu Municipal Code
MATES III	Multiple Air Toxics Exposure Study III
MBR	membrane bioreactor
MBTA	Migratory Bird Treaty Act
<u>mgd</u>	<u>million gallons per day</u>
MOA	Memorandum of Agreement

MOU	Memorandum of Understanding
MPN	most probable number
MS4	Municipal Small Storm Sewer Systems
MT	metric tons
MTA	Los Angeles County Metropolitan Transportation Authority
MWD	Metropolitan Water District of Southern California
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCP	National Contingency Plan
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NHPA	National Historic Preservation Act
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRHP	National Register of Historic Places
NTU	nephelometric turbidity units
O&M	operations and maintenance
O ₃	ozone
OPR	Governor's Office of Planning and Research
OWDS	on-site wastewater disposal system
OWTS	on-site wastewater treatment system
PAHs	polycyclic aromatic hydrocarbons
Pb	lead
PC	Portland cement
PCH	Pacific Coast Highway
PM	particulate matter
PM ₁₀	particulate matter smaller than 10 micrometers in diameter
PM _{2.5}	particulate matter smaller than 2.5 micrometers in diameter
PPV	peak particle velocity
PRC	Public Resources Code
Project	Malibu Civic Center Wastewater Treatment Facility Project
PTGAB	pilot tube guided auger boring

Qal	undifferentiated alluvium
Qalc	mapable active channel
Qalp	floodplain
Qalp	alluvial flood deposits
Qb	beach deposits
Qt	terrace deposits
RCNM	Roadway Construction Noise Model
RCP	Regional Comprehensive Plan
RCRA	Resource Conservation and Recovery Act
RHNA	Regional Housing Needs Assessment
RMS	root mean square
ROGs	reactive organic gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCAG	Southern California Area Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SCH	State Clearinghouse
SCS	Sustainable Communities Strategy
SEAs	Significant Ecological Areas
SEMS-MHFP	Standard Emergency Management System – Multi-Hazard Functional Plan
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMMNRA	Santa Monica Mountains National Recreation Area
SMMUSD	Santa Monica-Malibu Unified School District
SNMP	Salt and Nutrient Management Plan
SO ₂	sulfur dioxide
SPCCP	Spill Prevention, Control, and Countermeasure Planning
SRF	State Revolving Fund
State Water Board	State Water Resources Control Board
SUSMPs	Standard Urban Stormwater Mitigation Plans
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan

SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TDS	total dissolved solids
THMs	trihalomethanes
TKN	Total Kjeldahl Nitrogen
TMDL	Total Maximum Daily Load
TN	total nitrogen
TP	total phosphorus
tpd	tons per day
<u>UIC</u>	<u>underground injection control</u>
USC	U.S. Government Code
USDA	U.S. Department of Agriculture
<u>USEPA</u>	<u>U.S. Environmental Protection Agency</u>
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
UV	ultraviolet
UWMP	Urban Water Management Plan
VA	Veterans Administration
VdB	velocity decibel
VOC	volatile organic compound
W	width
WDR	waste discharge requirements
WRR	water reclamation requirements