

CHAPTER 10.0

ACRONYMS AND ABBREVIATIONS

AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ADA	Americans with Disabilities Act
ADT	average daily traffic
ANSI	American National Standards Institute
APE	area of potential effects
AQMP	Air Quality Management Plan
ARB	Air Resources Board
ASBS	Area of Special Biological Significance
Basin Plan	<i>Water Quality Control Plan for the San Diego Basin</i>
Batelle	Batelle Memorial Institute
BCLA	Biological Core and Linkage Area
BFE	Base Flood Elevation
bgs	below ground surface
BMP	best management practice
BSA	Biological Study Area
BTR	Biological Technical Report
BVLF	Buena Vista Lagoon Foundation
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Caltrans	California Department of Transportation
CAMUTCD	California Manual of Uniform Traffic Control Devices
CAP	Climate Action Plan
CAS	Climate Action Strategy
CCA	California Coastal Act
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDP	Coastal Development Permit
CEDAS	Coastal Engineering Design and Analysis System
CEQ	Council for Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act

CFR	Code of Federal Regulations
CHU	Carlsbad Hydrologic Unit
CLOMR	Conditional Letter of Map Revision
CMP	Congestion Management Plan
CNDDB	California Natural Diversity Data Base
CNEL	community noise equivalent level
CNG	compressed natural gas
CNPS	California Native Plant Society
County	County of San Diego
Corps	U.S. Army Corps of Engineers
CRHR	California Register of Historic Resources
CSC	California Species of Special Concern
CSLC	California State Lands Commission
CWA	Clean Water Act
CWN	Carlsbad Watershed Network
CZMA	Coastal Zone Management Act
DA	Department of the Army
DHS	Department of Health Services
DNL	day/night average sound level
DPH	Department of Public Health
DWR	California Department of Water Resources
EFH	essential fish habitat
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
ERL	Effects Range-Low
ERM	Effects Range-Median
ESA	Endangered Species Act
ESHA	Environmentally Sensitive Habitat Areas
Everest	Everest International Consultants
FBFM	Flood Boundary and Floodway Map
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Federal Insurance Rate Map
Foundation	Buena Vista Lagoon Foundation
FTA	Federal Transit Administration
GHG	greenhouse gas
GPS	Global Positioning System
GPU	General Plan Update

GWP	global warming potential
HA	Hydrologic Area
HCM	Highway Capacity Manual
HMP	Hydromodification Management Plan
HU	Hydraulic Unit
I-5	Interstate 5
IPCC	Intergovernmental Panel of Climate Change
ITM	Inland Testing Manual
ITP	incidental take permit
JPA	Joint Powers Authority
lagoon	Buena Vista Lagoon
LCD	liquid-crystal-display
LCP	Local Coastal Plan
LID	low-impact development
LNG	liquefied natural gas
LOMR	Letter of Map Revision
LOS	level of service
LOSSAN	Los Angeles to San Diego Rail Corridor Improvements Project
LRA	Local Responsibility Area
LUP	Land Use Plan
MBTA	Migratory Bird Treaty Act
MHCP	Multiple Habitat Conservation Program
MHTL	mean high tide line
MLD	Most Likely Descendent
MLLW	mean lower low water level
MPRSA	Marine Protection, Research, and Sanctuaries Act
MSL	mean sea level
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NARA	National Archives and Records Administration
NCTD	North County Transit District
NGVD	National Geodetic Vertical Datum
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
North County MSCP	North County Multiple Species Conservation Program
NPDES	National Pollutant Discharge Elimination System

NRHP	National Register of Historic Places
OEHHA	Office of Environmental Health Hazard Assessment
OPR	Office of Planning and Research
PCB	polychlorinated biphenyl
PCE	passenger car equivalent
PCW	Project Clean Water
PDF	Project Design Feature
PPV	peak particle velocity
PRC	Public Resources Code
PWP	Public Works Plan
RAQS	Regional Air Quality Strategy
RBSP	Regional Beach Sand Project
Reserve	Buena Vista Lagoon Ecological Reserve
RMS	root-mean-square
ROD	Record of Decision
ROW	right of way
RSM	Regional Sediment Management
RWQCB	Regional Water Quality Control Board
SANDAG	San Diego Association of Governments
SANTEC	San Diego Traffic Engineers' Council
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCC	State Coastal Conservancy
SCCWRP	Southern California Coastal Water Research Project
SCE	Southern California Edison
SCIC	South Coastal Information Center
SCOUP	Sand Compatibility and Opportunistic Use Program
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDCVCP	San Diego County Vector Control Program
SDG&E	San Diego Gas & Electric
SELRP	San Elijo Lagoon Restoration Project
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SMCA	State Marine Conservation Area
SMGB	State Mining and Geology Board
SPCC	Spill Prevention Control and Countermeasure Plan
SQG	sediment quality guidelines
SR	State Route

ST	short-term
SUSMP	Standard Urban Storm Water Mitigation Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TDS	total dissolved solids
THPO	Tribal Historic Preservation Officer
TMDL	total maximum daily load
TREP	Transportation and Resource Enhancement Program
TSS	total suspended solids
USC	United States Code
USCG	U.S. Coast Guard
USFWS	U.S. Fish and Wildlife Service
v/c	volume-to-capacity
VMT	vehicle miles travelled
WPO	Watershed Protection, Storm Water Management, and Discharge Control Ordinance
WQO	water quality objective
°F	degrees Fahrenheit

Chemical Abbreviations

CH ₄	methane
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DO	dissolved oxygen
HFC	hydrofluorocarbons
N+N	nitrite and nitrate
NO	nitric oxide
N ₂ O	nitrous oxide
NO ₂	nitrogen dioxide
NO _x	nitrogen oxide
O ₃	ozone
Pb	lead
PCB	polychlorinated biphenyl

PFC	perfluorocarbons
PPM	parts per million
PM	particulate matter
PM _{2.5}	particulate matter 2.5 micrometers or less
PM ₁₀	particulate matter 10 micrometers or less
ROG	reactive organic gas
SF ₆	sulfur hexafluoride
SO ₂	sulfur dioxide
SO _x	sulfur oxides
TN	total nitrogen
TP	total phosphorus
TSS	total suspended solids
VOC	volatile organic compound

Units of Measurement

cfs	cubic feet per second
cy	cubic yard
cy/yr	cubic yards per year
dB	decibel
dba	decibel on the A-weighted scale
ft	feet
ft/sec	feet per second
g	gram
g/bhp-hr	grams/brakehorsepower-hour
hp	horsepower
Hz	hertz
in/sec	inches per second
km	kilometer
kWh	kilowatt hour
kVA	kilovolt ampere
kV	kilovolt
L _{dn}	day-night average noise level
L _{eq}	equivalent noise level
mcy	million cubic yard
mgd	million gallons per day
mg/L	milligrams per liter
ml	milliliters
mm	millimeters

MMT	million metric tons
mpg	miles per gallon
mph	miles per hour
MT	million tons
NTU	nephelometric turbidity unit
ppm	parts per million
ppt	parts per thousand
SEL	sound level exposure
SEL _{accumulated}	accumulated sound level exposure
VdB	vibration level
μm	microns
μg/kg	micrograms per kilogram
μg/L	micrograms per liter

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