

NOTATION

The following is a list of acronyms and abbreviations, chemical names, and units of measure used in this document. Some acronyms used only in tables may be defined only in those tables.

GENERAL ACRONYMS AND ABBREVIATIONS

ACEC	Area of Critical Environmental Concern
AERMAP	AERMOD Terrain Preprocessor
AERMET	AERMOD Meterological Preprocessor
AERMOD	<u>AMS/EPA Regulatory MODel</u>
AFS	Air Facility Subsystem
AIRS	Aerometric Information Retrieval System
ANL	Argonne National Laboratory
AQI	air quality index
ARB	California Air Research Board
ASFMRA	American Society of Farm Managers and Rural Appraisers
ATSDR	Agency for Toxic Substances and Disease Registry
BLM	Bureau of Land Management
BOD	biochemical oxygen demand
BOR	U.S. Bureau of Reclamation
BPA	Bonneville Power Administration
CAA	Clean Air Act
Cal/EPA	California Environmental Protection Agency
Cal-ISO	California Independent System Operator
CBTIS	El Centro de Bachillerato Tecnológico Industrial y de Servicios
CDCA	California Desert Conservation Area
CDFG	California Department of Fish and Game
CDHS	California Department of Health Services
CEC	California Energy Commission
CEDD	California Employment Development Department
CEQ	Council on Environmental Quality
CESPM	Comisión Estatal de Servicios Públicos de Mexicali
CFE	Comisión Federal de Electricidad
CFR	<i>Code of Federal Regulations</i>
CICA	Centro de Información sobre Contaminación de Aire
COBACH	Colegio de Bachilleres
COCEF	La Comisión de Cooperación Ecológica Fronteriza
COD	chemical oxygen demand
CRBRWQCB	Colorado River Basin Regional Water Quality Control Board
CRE	Comisión Reguladora de Energía

CWA	Clean Water Act
DHHS	U.S. Department of Health and Human Services, Public Health Service
DO	dissolved oxygen
DOE	U.S. Department of Energy
DOI	U.S. Department of the Interior
DOT	U.S. Department of Transportation
EA	environmental assessment
EAX	Energiá Azteca X, S. de R.L. de C.V.
EBC	Energiá de Baja California
EIA	Energy Information Administration
EIR	environmental impact report
EIS	environmental impact statement
ELF	extremely low frequency
EMF	electric and magnetic fields
E.O.	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FCR	field contact representative
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FONSI	Finding of No Significant Impact
FPPA	Farmland Protection Policy Act
FR	<i>Federal Register</i>
GLC	ground level concentration
HAP	hazardous air pollutant
HARP	Hot Spots Analysis and Reporting Program
HMMH	Harris Miller Miller & Hanson, Inc.
HRA	health risk assessment
IARC	International Agency for Research on Cancer
IID	Imperial Irrigation District
ISCST3	Industrial Source Complex Short Term Dispersion Model 3
ITM	Instituto Tecnológico de Mexicali
IV	Imperial Valley
LRPC	La Rosita Power Complex
MACT	maximum achievable control technology
MCL	maximum contaminant level
MSL	mean sea level

NAAQS	National Ambient Air Quality Standards
NAEI	National Atmospheric Emissions Inventory
NAFTA	North American Free Trade Agreement
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NIEHS	National Institute of Environmental Health Sciences
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NESHAPs	National Emission Standards Hazardous Air Pollutants
NPDES	National Pollutant Discharge Elimination System
NRHP	<i>National Register of Historic Places</i>
OEHHA	Office of Environmental Health Hazard Assessment
OZIPR	<u>O</u> Zone <u>I</u> sopleth <u>P</u> lotted <u>R</u> esearch
PAH	polycyclic aromatic hydrocarbons
P.L.	Public Law
PM	particulate matter
PM ₁₀	particulate matter with a mean aerodynamic diameter of 10 µm or less
PM _{2.5}	particulate matter with a mean aerodynamic diameter of 2.5 µm or less
QSA	Quantification Settlement Agreement
RCRA	Resource Conservation and Recovery Act
REL	reference exposure level
ROD	Record of Decision
ROG	reactive organic gas
ROI	region of influence
ROW	right-of-way
SCEDC	Southern California Earthquake Data Center
SCR	selective catalytic reduction
SDG&E	San Diego Gas & Electric
SEMARNAT	Secretaria de Medio Ambiente y Recursos Naturales
SHPO	State Historic Preservation Office(r)
SIP	State Implementation Plan
SL	significance level
SMCL	secondary maximum contaminant level
SWRCB	State Water Resources Control Board
TDM	Termoeléctrica de Mexicali
TDS	total dissolved solids
TMDL	total maximum daily load
TSI	trophic state index
TSS	total suspended solids
UABC	Universidad Autonomos de Baja California

USC	<i>United States Code</i>
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VMT	vehicle-mile(s) traveled
VOC	volatile organic compound(s)
VRM	visual resource management
WSA	Wilderness Study Area

CHEMICALS

CO	carbon monoxide
CO ₂	carbon dioxide
DO	dissolved oxygen
H ₂ S	hydrogen sulfide
HNO ₃	nitric acid
NH ₃	ammonia
NH ₄ NO ₃	ammonium nitrate
NO	nitrogen oxide
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
O ₃	ozone
Pb	lead
SO ₂	sulfur dioxide
TCE	tetrachloroethylene

UNITS OF MEASURE

ac-ft	acre-foot (feet)	cm ³	cubic centimeter
bhp	brake horsepower	d	day(s)
°C	degree(s) Celsius	dB(A)	A-weighted decibel(s)
cm	centimeter(s)	DNL	day/night weighted average noise level

$^{\circ}\text{F}$	degree(s) Fahrenheit	mi^2	square mile(s)
ft	foot (feet)	MMBtu	million British thermal units
ft^2	square foot (feet)	mph	mile(s) per hour
ft^3	cubic foot (feet)	MW	megawatt(s)
g	gram(s)	ppb	part(s) per billion
gal	gallon(s)	ppm	part(s) per million
h	hour(s)	ppmv	part(s) per million by volume
ha	hectare(s)	ppt	part(s) per thousand
Hz	hertz	s	second(s)
in.	inch(es)	t	metric ton(s)
K	degree(s) Kelvin	yr	year(s)
kg	kilogram(s)	V	volt
km	kilometer(s)	W	watt
km^2	square kilometer(s)	μg	microgram(s)
kV	kilovolt(s)	μm	micrometer(s)
L	liter(s)	μT	microtesla
lb	pound(s)		
m	meter(s)		
m^2	square meter(s)		
m^3	cubic meter(s)		
mg	milligram(s)		
mG	milligauss		
mi	mile(s)		