

# Acronyms and Abbreviations

---

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
$^{\circ}\text{F}$	degree Fahrenheit
AC	alternating current
acfm	actual cubic feet per minute
ACGIH	American Conference of Governmental Industrial Hygienists
AFC	Application for Certification
afy	acre-feet per year
ANSI	American National Standards Institute
ASME	American Society of Mechanical Engineers
AST	above-ground storage tank
ATCM	air (or airborne) toxics control measure
B.P.	before present
BACT	best available control technology
BFD	bird flight diverter
BFE	base flood elevation
BLM	Bureau of Land Management
BMP	best management practice
BO	Biological Opinion
bpf	blows per foot
BPIP	Building Profile Input Program
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
Btu	British thermal units
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operator
CalARP	California Accidental Release Program

Cal-EPA	California Environmental Protection Agency
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAS	compressed air system
CBC	California Building Code
CCC	California Coastal Commission
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDOGGR	California Division of Oil, Gas, and Geothermal Resources
CEC	California Energy Commission
CEM	continuous emission monitors
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGB	California's Groundwater Bulletin
CGS	California Geological Survey
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CNDDDB	California Natural Diversity Data Base
CNPS	California Native Plant Society
CO	carbon monoxide
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRHP	California Register of Historical Properties
CRS	Cultural Resources Specialist
CSC	California Species of Special Concern
cu yd	cubic yard

---

CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
dB	decibel
dBA	A-weighted sound level
DC	direct current
DCGL	derived concentration guideline limit
DCS/PLC	distributed control system/programmable logic controllers
DEH	Division of Environmental Health
DESCP	Drainage, Erosion, and Sedimentation Control Plan
DOC	Determination of Compliance
DOF	Department of Finance
DPM	diesel exhaust particulate matter
DTSC	Department of Toxic Substances Control
EAF	equivalent availability factor
EDD	Employment Development Department
EDR	Environmental Data Resources, Inc.
EHS	extremely hazardous substance
EIR	Environmental Impact Report
EMF	electromagnetic field
EPCRA	Emergency Planning and Community Right-to-Know Act
ERC	emission reduction credit
ESA	Earth Science Associates
ESRL	Earth Systems Research Laboratory
ESU	evolutionarily significant units
FAA	Federal Aviation Administration
FESA	Federal Endangered Species Act
FLM	Federal Land Manager
FSS	Final Status Survey

ft-lb	foot-pound
GO	General Order (of CPUC)
gpm	gallons per minute
GPS	geographical positioning system
H <sub>2</sub> SO <sub>4</sub>	sulfuric acid
HAP	hazardous air pollutant
HARP	Hot Spots Analysis and Reporting Program
HBRP	Humboldt Bay Repowering Project
HCA	Humboldt Creamery Association
HCSD	Humboldt Community Services District
HHI	health hazard index
HHV	higher heating value
HMRT	Hazardous Materials Response Team
hp	horsepower
HRSG	heat recovery steam generator
HSA	Historical Site Assessment
Hz	hertz
I/O	input/output
ISFSI	Independent Spent Fuel Storage Installation
kA	kiloampere
kg-day/mg	kilograms of body weight per day per milligram
KOP	Key Observation Point
kV	kilovolt
kW	kilowatt
kWh	kilowatt-hour
L/kg-day	liters per kilogram of body weight per day
LAER	lowest achievable emission rate
LCD	liquid crystal display
L <sub>dn</sub> or DNL	day-night noise level

---

LEL	lower explosion limit
LEPC	Local Emergency Planning Committee
$L_{eq}$	equivalent noise level
LFO	light fuel oil
$L_n$	percentile noise level
LORS	laws, ordinances, regulations, and standards
LOS	level of service
LTRFO	Long-Term Request for Offers
m	meter
MACT	maximum achievable control technology
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MBTA	Migratory Bird Treaty Act
MCC	motor control center
MEI	maximum exposed individual
MEPP	Mobile Emergency Power Plant
MEW	maximum exposed worker
mG	milligauss
mg/kg-d	milligrams per kilogram of body weight per day
mgd	million gallons per day
MICR	maximum incremental cancer risk
MIR	maximum impact receptor
MLD	Most Likely Descendant
MLLW	mean lower low water
mm Hg	mercury
MMBtu/hr	million British thermal units per hour
MSDS	Material Safety Data Sheet
MW	megawatt
mya	million years ago
NAAQS	National Ambient Air Quality Standards

NCRWQCB	North Coast Regional Water Quality Control Board
NCUAQMD	North Coast Unified Air Quality Management District
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NH <sub>3</sub>	ammonia
NIEHS	National Institute of Environmental Health Sciences
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NO <sub>x</sub>	oxides of nitrogen
NPCA	Notice of Proposed Construction or Alteration
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NRHP	National Register of Historic Places
NSPS	Standards of Performance for New Stationary Sources
NSR	New Source Review
NWR	National Wildlife Refuge
OCA	offsite consequence analysis
OEHHA	Office of Environmental Health Hazard Assessment
OHP	Office of Historic Preservation
OSHA	Occupational Safety and Health Administration (or Act)
PAH	polycyclic aromatic hydrocarbons
PBL	planetary boundary layer
PG&E	Pacific Gas and Electric Company
pga	peak horizontal ground acceleration
PM <sub>10</sub>	particulate matter less than 10 micrometers (or microns) in equivalent diameter
PM <sub>2.5</sub>	particulate matter less than 2.5 micrometers (or microns) in equivalent diameter

---

	diameter
ppm	parts per million
ppmvd	parts per million by volume, dry
ppt	parts per trillion
PRC	Public Resources Code
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
PRS	Paleontological Resources Specialist
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
psig	pounds per square inch gauge
PSM	Process Safety Management
RCRA	Resource Conservation and Recovery Act
REL	reference exposure level
RICE	Reciprocating Internal Combustion Engine
RI-TVI	radio interference and television interference
RMP	Risk Management Plan
ROC	reactive organic compound
RQ	reportable quantity
RUSLE2	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
S&HC	Street and Highways Code
SAA	Streambed Alteration Agreement
SARA	Superfund Amendments and Reauthorization Act
SCAQMD	South Coast Air Quality Management District
SCR	selective catalytic reduction
SERC	State Emergency Response Commission
SHPO	State Historic Preservation Officer
SHRA	screening health risk assessment
SIL	significant impact level

SIP	State Implementation Plan
SIS	System Impact Study
SMA	Streamside Management Area
SNA	Significant Natural Area
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxide
SPCC	Spill Prevention Control and Countermeasures
SPS	Special Protection System
SPT	Standard Penetration Test
SR	State Route
STEL	Short-Term Exposure Level
SVP	Society of Vertebrate Paleontology
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TBACT	Toxics-Best Available Control Technology
THI	total hazard index
TIBL	thermal inversion boundary layer
TLV	threshold limit value
TPQ	threshold planning quantity
tpy	tons per year
TQ	threshold quantity
TSP	total suspended particulate matter
UBC	Uniform Building Code
UCMP	University of California at Berkeley's Museum of Paleontology
USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service

USGS	U.S. Geological Survey
UTM	Universal Transverse Mercator
v/c	volume to capacity ratio
VOC	volatile organic compound
WEAT	Worker Environmental Awareness Training