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Acronyms and Abbreviations

°	degrees
°C	degrees Celsius
°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
3-D	three-dimensional
AADT	Annual average daily traffic
AB	Assembly Bill
AB 32	Global Warming Solutions Act of 2006
AC	alternating current
ADT	average daily trips
AFC	Application for Certification
ANSI	American National Standards Institute
AOC	area of concern
AP	Alquist-Priolo
APE	area of potential effects
API	American Petroleum Institute
APLIC	Avian Power Line Interaction Committee
ARM	Ambient Ratio Method
ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.
ASOS	Automatic Surface Observing System
ATC	Authority to Construct
AWPF	Advanced Water Purification Facility
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BAU	business-as-usual
BCE	before common era
BHP	Brake horse power
BMP	best management practice
BOE	State Board of Equalization
BOP	Balance of Plant
BPIP	Building Profile Input Program
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan

ACRONYMS AND ABBREVIATIONS

Btu	British thermal units
CAA	Clean Air Act
CAAQS/NAAQS	California and National Ambient Air Quality Standards
CAISO	California Independent System Operator
Cal-OSHA	California Division of Occupational Safety and Health
CalARP	California Accidental Release Program
Cal-EPA	California Environmental Protection Agency
Calpine	Calpine Corporation
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	Chemical Abstract Service
CBC	California Building Code
CCR	California Code of Regulations
CDE	California Department of Education
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CDOC	California Department of Conservation
CE	Common era
CEC	California Energy Commission
CEDD	California Employment Development Department
CEMS	continuous emissions monitoring system
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH2M	CH2M HILL Engineers, Inc.
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CI	compression ignition
CIWMA	California Integrated Waste Management Act
CNDDB	California Natural Diversity Database
CO	carbon monoxide

CO ₂	carbon dioxide
CPM	compliance project manager
CPUC	California Public Utilities Commission
CRHR	California Register of Historic Resources
CRS	Cultural Resource Specialists
CTG	combustion turbine generators
CTI	Cooling Tower Institute
CTP	Comprehensive Transportation Plan
cu ft	cubic feet
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	1972 Amendments to the Federal Water Pollution Control Act
DAS	data acquisition system
dB	decibels
dBA	A-Weighted Sound Pressure Level/decibel A-weighted scale
DBE	Design Basis Earthquake
DC	direct current
DESCP	drainage, erosion, and sediment control plan
DOC	Determination of Compliance
DOE	Department of Energy
DOF	California Department of Finance
DPR	California Department of Parks and Recreation
DTSC	California Department of Toxic Substances Control
EAF	equivalent availability factor
EFZ	Earthquake Fault Zone
EGU	electric generating unit
EHS	Extremely Hazardous Substance
EMF	electromagnetic field
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ERPG	Emergency Response Planning Guideline
ESA	Endangered Species Act
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FE	Federally Endangered

ACRONYMS AND ABBREVIATIONS

FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FMMP	Farmland Mapping and Monitoring Program
FP	CDFW Fully Protected
ft-lbs/blow	foot pounds per blow
FY	fiscal year
g	grams
g/hp-hr	grams per horsepower-hour
g/m ² /year	grams per square meter per year
GCP	good combustion practices
GE	General Electric
GEP	Good Engineering Practice
GHG	greenhouse gas
GIS	geographic information system
GO	General Order
gpd	gallons per day
gr S/100 scf	Grains of sulfur per 100 standard cubic feet
Green Compass	Green Compass Environmental Solutions, Inc.
GT	Gas turbine
H2H	High Second-High
HABS	Historic American Buildings Survey
HAP	Hazardous Air Pollutants
HARP	Hotspots Analysis and Reporting Program model
HCM	Highway Capacity Manual
HHV	higher heat value
HMBP	Hazardous Materials Business Plan
hp	horsepower
HRA	health risk assessment
HWCL	Hazardous Waste Control Law
Hz	hertz
I/O	input/output
IDLH	Immediately dangerous to life and health
IEEE	Institute of Electrical and Electronics Engineers
IR	Interconnection Request
ISO	International Standards Organization

ISRs	In-stack ratios
IX	ion exchange
kg/ha/yr	kilograms per hectare per year
km	kilometer
KOP	key observation points
kV	kilovolt
kW	kilowatt
L ₁₀	represents the noise level exceeded for 10 percent of the measurement period
L ₉₀	measurement that represents the noise level that is exceeded during 90 percent of the measurement period
LAER	Lowest Achievable Emission Rate
lb	pound
lb/hr	pound per hour
lb/MMBtu	pound per million British thermal units
lb/MWh	pounds per megawatt-hour
LCD	liquid crystal diode
LD ₅₀	Dose lethal to 50 percent of those tested
L _{dn} or DNL	Day-Night Sound Level
LEA	Local Enforcement Agency
LEPC	local emergency planning committee
L _{eq}	equivalent sound pressure level
L _{max}	instantaneous maximum sound level
LO/TO	lockout/tag-out
LOMR-F	Letter of Map Revision Based on Fill
LORs	laws, ordinances, regulations and standards
LOS	level of service
M3	General Industrial zoning district (Ventura County)
MA	Master of Arts
MACT	maximum achievable control technology
MBAS	Methylene blue active substances
MCC	motor control center
MEI	maximum exposed individual
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mg/m ³	milligrams per cubic meter

ACRONYMS AND ABBREVIATIONS

mgd	million gallons per day
MIR	maximum impact receptor
Mission Rock	Mission Rock Energy Center, LLC
mm	millimeter
mm/yr	millimeters per year
MMBtu/hr	million British thermal units per hour
mmscf	million standard cubic feet
Mph	miles per hour
MREC	Mission Rock Energy Center
MSA	Metropolitan Statistical Area
MSDS	Material Safety Data Sheets
MW	megawatts
MWh	megawatt hours
my	million years
NA	not applicable
NA	Not Available
NAD83	North American Datum 1983
NAHC	Native American Heritage Commission
NaS	Sodium Sulfur
NCDC	National Climatic Data Center
NCZO	Non-coastal Zoning Ordinance
NED	National Elevation Dataset
NESC	National Electrical Safety Code
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
ng/J	nanograms per Joule
NH ₃	ammonia
NHPA	National Historic Preservation Act
Ni-Cd	nickel-cadmium
NIEHS	National Institute of Environmental Health Sciences
NLCD	National Land Cover Data
NMHC	non-methane hydrocarbons
NO ₂	Nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOV	Notice of Violation

NO _x	nitrogen oxide
NPCA	Notice of Proposed Construction or Alteration
NPS	U.S. National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NSR	New Source Review
NWI	National Wetlands Inventory
O&M	operations and maintenance
OEHHA	Office of Environmental Health Hazard Assessment
OLM	ozone limiting method
OPLMA	Omnibus Public Land Management Act of 2009
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OWTS	onsite wastewater treatment systems
PAH	polynuclear (or polycyclic) aromatic hydrocarbon
PCE	passenger car equivalent
PCS	components, batteries, inverters
PEL	OSHA-permissible exposure limit for 8-hour workday
PFOA	corresponds to a forested, palustrine system that is temporarily flooded
PGA	Peak horizontal ground acceleration
PHT	peak hour trip
PM ₁₀	particulate matter less than 10 micrometers in aerodynamic diameter
PM _{2.5}	particulate matter less than 2.5 micrometers in aerodynamic diameter
POC	precursor organic compounds
ppm	parts per million
ppmv	parts per million by volume
ppmvd	parts per million by volume, dry basis
PRAM	paleontological resources awareness module
PRC	Public Resources Code
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
Proposition 65	Safe Drinking Water and Toxics Enforcement Act
PRS	Paleontological Resources Specialist
PSD	Prevention of Significant Deterioration

ACRONYMS AND ABBREVIATIONS

PSSC	a palustrine system, dominated by wood vegetation > 20 feet tall that is seasonally flooded
PTC	Permit to Construct
PTE	potential to emit
PUBHh	corresponds to a palustrine system, with an unconsolidated bottom, permanently flooded, and has been diked/impounded
RA	Rural Agricultural
RCRA	Resource Conservation and Recovery Act
REL	Reference Exposure Level
RMP	risk management plan
RO	reverse osmosis
ROC	reactive organic compounds
RPA	Register of Professional Archeologists
RQ	reportable quantity
RUSLE2	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
S&HC	California Streets and Highways Code
SARA	SARA Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCE	Southern California Edison
SCEDC	Southern California Earthquake Data Center
SCR	selective catalytic reduction
SCRE	Santa Clara River Estuary
SCS	supervisory control system
SDS	Safety Data Sheet
SE	State Endangered
SEL	Schweitzer Engineering Laboratories
SERC	State Emergency Response Commission
SIAs	significant impact areas
SIC	Standard Industrial Classification
SILs	Significant Impact Levels
SiO ₂	silicon dioxide
SIP	State Implementation Plan
SO ₄	sulfate
SoCalGas	Southern California Gas Company
SO _x	sulfur oxide

SPBL	Santa Paula Branch Line
SPCC	Spill Prevention Control and Countermeasure
SPS	Special Protection System
SR	State Route
SSC	Species of Special Concern
STEL	Short-term exposure limit, 15-minute exposure
SVP	Society of Vertebrate Paleontology
SWIS	Solid Waste Information System
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SZP	Santa Paula Airport
TAC	Toxic Air Contaminants
TDS	total dissolved solids
TLV	ACGIH threshold limit value for 8-hour workday
TMDL	total maximum daily loads
TNC	The Nature Conservancy
TPQ	threshold planning quantities
tpy	tons per year
TQ	threshold quantity
TRI	Toxic Release Inventory Program
TSD	treatment, storage, and disposal
TWA	NIOSH time-weighted average for 8-hour workday
U.S.	United States
UCMP	University of California Museum of Paleontology at Berkeley
UPRR	Union Pacific Railroad
UPS	uninterruptible power supply
USC	United States Code
USDA	United States Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UTM	universal transverse Mercator
V/C	volume/capacity
VAC	volt alternating current
VCAPCD	Ventura County Air Pollution Control District
VCFD	Ventura County Fire Department

ACRONYMS AND ABBREVIATIONS

VCSD	Ventura County Sheriff's Department
VCTC	Ventura County Transportation Commission
VISTA	Ventura Intercity Service Transit Authority
VLRA	valve regulated lead acid
VOC	volatile organic compound
WCI	Western Climate Initiative
WEAP	worker environmental awareness program