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GLOSSARY TERMS OR ABBREVIATIONS**A**

AAC	all aluminum conductor
AAQS	Ambient Air Quality Standards
A-CAES	Advanced Compressed Air Energy Storage
ACS	American Community Survey
A.D.	anno Domini
AM	Ante meridian (morning)
ADMRT	Air Dispersion Modeling and Risk Tool
ADNU	Area Deliverability Network Upgrades
ADT	Average daily traffic flow
AERMIC	AMS/EPA Regulatory Model Improvement Committee
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AERMAP	AERMIC terrain pre-processor
AERMET	AERMIC Meteorological Preprocessor
af	acre feet
AFC	Application for Certification
AFY	acre feet per year
AG	agriculture
AHJ	Authority having Jurisdiction
AM	Ante meridian (morning)
AMS	American Meteorological Society
amsl	above mean sea level
ANSI	American National Standards Institute
APCD	Air Pollution Control District
API	American Petroleum Institute
ARB	Air Resources Board
ARM2	Ambient Ratio Method Version 2
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
ATF	Federal Bureau of Alcohol, Tobacco, Fires and Explosives
AVEK	Antelope Valley East Kern
AVH	Antelope Valley Hospital
AWSC	All- Way Stop Control

B

Ba	Barium
BACT	Best Available Control Technology
bbf	barrel
BEA	U.S. Bureau of Economic Analysis
BCE	Before Common Era
bgs	below ground surface
BLM	Bureau of Land Management
BMPs	Best management practices
BOV	blow-off valve
BPIP	Building profile input file
Btu	British thermal unit(s)

C

Ca	calcium
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CaCO ₃	Hardness
CAISO	California Independent System Operator
Caltrans	California Department of Transportation
CalARP	California Accidental Release Prevention Program
CalEPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Safety and Health Administration
CAM	Compliance Assurance Monitoring
CAPEX	capital expenditure
CARB	California Air Resources Board
CAS	Chemical Abstract Service
CB	circuit breaker
CBC	California Building Code
CBSC	California Building Standards Commission
CCA	Clean Air Act
CCC	California Coastal Commission
CCIC	Central Coast Information Center
CCR	California Code of Regulations
CCTV	coupling capacitor voltage transformer
CDE	California Department of Education
CE	common era
CDFW	California Department of Fish and Wildlife
CDOC	California Department of Conservation
CDOF	California Department of Finance
CEC	California Energy Commission
CEDD	California Employment Development Department
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERS	California Environmental Reporting System
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Service (CGS)
CH ₄	Methane
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CHSC	California Health & Safety Code
Cl	Chloride
CIWMA	California Integrated Waste Management Act
CMC	California Men's Colony
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CRLF	California Red Legged Frog
CRPR	California Rare Plant Rank
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalents
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRS	Cultural Resource Specialist
CTI	Cooling Tower Institute
Cu	copper

CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
cy	cubic yards
CZLUO	Coastal Zone Land Use Ordinance

D

dBA	A-weighted-decibel (dBA)
dc	direct current
DCS	direct current system
DCH	Designated Critical Habitat
DESCP	Drainage, Erosion, and Sedimentation Control Plan
DOE	Department of Energy
DOL	Direct On Line
DOT	Department of Transportation
DPM	Diesel particulate matter
DPR	Department of Parks and Recreation
DPS	Distinct Population Segment
DSOD	Division of Safety of Dams
DTSC	California Department of Toxic Substances Control
DWR	Department of Water Resources

E

EHS	extremely hazardous substances
EIA	Economic Impact Analysis
EMF	electromagnetic field
EMP	Emergency Management Plan
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act

F

F	fluoride
°F	Fahrenheit
FAA	Federal Aviation Administration
FAUNMAP	Quaternary Faunal Mapping Project
Fe	Iron
FE	Federal Endangered
FEED	front end engineering design
FEMA	Federal Emergency Management Agency
FMMP	Farmland Mapping and Monitoring Program
FP	Fully Protected Species
fps	feet per second
ft ³	cubic feet
FT	Federal Threatened
FWS	United States Fish and Wildlife Service
FY	Fiscal Year

G

GAMA	Groundwater Ambient Monitoring and Assessment
gen-tie	generator tie
GEM/GESC	Gem Energy Storage Center
GEP	good engineering practice
GHG	greenhouse gases
GIS	Gas Insulated Switchgear
GLC	Ground-Level Concentration
gpd	gallons per day
gpm	gallons per minute
GPR	ground potential rise
GRNU	General Reliability Network Upgrades
GWR	Groundwater Recharge

H

HAPs	hazardous air pollutants
HARP	Hotspots Analysis and Reporting Program
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HCO ₃	Alkalinity
HDPE	High density polyethylene
HMBP	Hazardous Materials Business Plan
HMI	human machine interface
hp	horsepower
HP	high pressure
HRA	Health Risk Assessment
HUC	hydrologic unit code
HUD	The United States Department of Housing and Urban Development
HVAC	heating, ventilation, and air conditioning
HWCL	Hazardous Waste Control Law
Hz	hertz

I

ICCP	impressed current cathodic protection
IEEE	Institute for Electrical and Electronics Engineers
IGVs	inlet guide vanes
IP	intermediate pressure
IP	internet protocol
IR	Interconnection Request
ISO	International Standard Organization

K

K	potassium
kA	kiloampere(s)
KCEHD	Kern County Environmental Health Services Division
KCFD	Kern County Fire Department
KCSO	Kern County Sheriff's Office
KernCOG	Kern Council of Governments
km	kilometers
kV	kilovolt
kVA	kilovolt amperes
kW	kilowatt(s)
KPRA	kingpin to rear axle

L

LADWP Rosamond Substation	Los Angeles Department of Water and Power Rosamond Substation
LADWP	Los Angeles Department of Water and Power
LCP	Local Coastal Program
LDNU	Local Deliverability Network Upgrades
LEPC	Local Emergency Planning Committees
Leq	equivalent sound level
LFN	low-frequency noise
LORS	Laws, Ordinances, and Regulations
LOS	Level of Service
LO/TO	lock out / tag out
LP	low pressure
LPC	Low-Pressure Compressor
LUE	Land Use Element
LUO	Land Use Ordinance
LUP	Land Use Plan
LWRP	Lancaster Water Reclamation Plant

M

MBFD	Morro Bay Fire Department
MBPD	Morro Bay Police Department
MBTA	Migratory Bird Treaty Act
MCL	maximum contaminant level
MEIR	Maximum exposed individual resident
MEIW	Maximum exposed individual worker
Mg	magnesium
mg/L	milligram per Liter
MMA	Material Modification Assessment
MNSSR	Major New Stationary Source Review
mph	miles per hour
MRZ	mineral resource zone
MSA	Metropolitan Statistical Area
m/sec	meters per second
MSHA	Mine Safety and Health Administration
MUN	Municipal and Domestic Supply
MVA	megavolt amperes
MVARh	megavolt ampere reactive hours
MW	megawatt
MWh	megawatt hours
MVA	megavolt amperes
MVARh	megavolt ampere reactive hours

N

Na	sodium
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NEC	National Electric Code
NED	National Elevation Dataset
NFPA	National Fire Protection Association
NH ₃	Ammonia
NHMLAC	Natural History Museum of Los Angeles County
NHPA	National Historic Preservation Act
NIEHS	National Institute of Environmental Health Sciences
NRHP	National Register of Historic Places

NMFS	National Marine Fisheries Service
NOAA	National Oceanic Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resource Conservation Service
NRV	non-return valve
NSA	noise sensitive areas
NSPS	New Source Performance Standard
NSR	New Source Review
NSSR	New Stationary Source Review
No	Nitrogen oxide
NOx	Nitrogen oxides
NO ₂	Nitrogen dioxide
NO ₃	Nitrate
N ₂ O	Nitrous oxide
NSR	New Source Review
O	
O ₃	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
ONAC	Office of Noise Abatement and Control
OSHA	Occupational Safety and Health Administration
P	
PCS	process control center
pf	power factor
pga	peak ground acceleration
PG&E	Pacific Gas and Electric
PLC	programmable logic controllers
PM	particulate matter
PM10	particulate matter less than 10 microns
PM2.5	particulate matter less than 2.5 microns
PMI	Point of maximum impact
PPE	personal protective equipment
PRAM	Paleontological Resources Awareness Module
PRC	Public Resources Code
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PSD	Prevention of Significant Deterioration
PSM	Process Safety Management plan
PTE	Potential to Emit
PWRP	Palmdale Water Reclamation Plant
R	
RAM	Reliability, Availability and Maintainability
RAS	Remedial Action Scheme
RCRA	Resource Conservation and Recovery Act
RELs	Reference exposure levels UTM – Universal Transverse Mercator
RH	relative humidity
RHA	Rivers and Harbors Act
Rincon	Rincon Consultants Inc.
RIS	reservoir induced seismicity
RMP	Risk Management Plan
RO	Reverse Osmosis

ROG	Reactive organic gas
ROW	right-of-way
RPA	Register of Professional Archeologist
RQ	reportable quantity
RTA	Regional Transit Authority
RTE	round trip efficiency
RTP	Regional Transportation Plan
RTU	remote terminal unit
RWQCB	Regional Water Quality Control Board

S

SAC	Surface Air Cooler
SARA	Superfund Amendments and Reauthorization Act
SCE	Southern California Edison
SDS	Safety Data Sheets
SE	State Endangered
SGMA	Sustainable Groundwater Management Act
SHA	site specific hazard analyses
S&HC	Streets and Highways Code
SILs	Significant Impact Levels
SiO ₂	silica
SLO	San Luis Obispo
SLOCAPCD	San Luis Obispo County Air Pollution Control District
SLOEHSD	County of San Luis Obispo Environmental Health Services Division
SMARA	Surface Mining and Reclamation Act
SNMP	Salt and Nutrient Management Plan
SO ₄	sulfate
SPCC	Spill Prevention Control and Countermeasure
SPL	sound pressure level
SPS	Special Protection Schemes
sq. ft.	square feet
SR-1	State Route 1
SSC	Species of Special Concern
S&T	Shell and Tube
ST	State Threatened
STAA	Surface Transportation Assistance Act
SVP	Society of Vertebrate Paleontology
SWC	State Water Contractor
SWCB	State Water Contractor's Boundary
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board

T

TAC	Toxic Air Contaminants
TBACT	Best Available Control Technology for Toxics
TCP	transmission control protocol
TDS	total dissolved solids
TMDL	total maximum daily loads
TPD	Transmission Plan Deliverability
tpy	tons per year
TPQs	threshold planning quantities
TRTP	Tehachapi Renewable Transmission Project
TQ	threshold quantity
TSD	treatment storage and disposal

TSP tubular steel poles
TWA time-weighted average
TWSC two-way stop-controlled

U

UCMP University of California Museum of Paleontology
ug/L micrograms per Liter
UIC Underground Injection Control
UPS uninterruptible power supply
USACE United States Army Corps of Engineers
USDA United States Department of Agriculture
USDOT United States Department of Transportation
USDW Underground Source of Drinking Water
USEPA United States Environmental Protection Agency
USGS United States Geological Survey
UTM Universal Transverse Mercator

V

VAC volts alternating current
VAR volt ampere reactive
V/C Volume to capacity ratio
VDC volts alternating current
VMT vehicle miles of travel
VOCs Volatile organic compounds
VSQG very small quantity generator

W

WEAP worker environmental awareness program
WL Watch List
WOTUS Waters of the United States
WQC Water Quality Certification
WRP water reclamation plant
WRRF water resource recovery facility
WSA water supply assessment
WWTP wastewater treatment plant

Z

Zn zinc
ZO Zone of Impact