

## ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius (Centigrade)
°F	degrees Fahrenheit
µg/m <sup>3</sup>	micrograms per cubic meter
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ABAG	Association of Bay Area Governments
A CHP	Advisory Council on Historic Preservation
ACLUP	Airport Comprehensive Land Use Plan
ACM	asbestos-containing material
ACP	Alternative Compliance Plan
AD	<i>anno domini</i>
ADA	Americans with Disabilities Act
ADT	average daily traffic
ADU	accessory dwelling units
AF	acre-foot
AFY	acre-feet/year
AIA	Airport Influence Area
AIC	Archaeological Information Center
AICUZ	Air Installation Compatibility Use Zone
AIRFA	American Indian Religious Freedom Act
ALUC	Airport Land Use Commission
APCD	Air Pollution Control District
APE	Area of Potential Effect
APN	Assessor's Parcel Number
AQI	Air Quality Index
AQMD	Air Quality Management District
ARB	California Air Resources Board
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ATCM	Airborne Toxic Control Measures
AUHSD	Acalanes Union High School District
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BART	Bay Area Rapid Transit
BAU	Business as Usual

**Acronyms and Abbreviations**

---

BC	before Christ
BCDC	Bay Conservation and Development Commission
BCE	before Common Era
BKF	BKF Engineers
BMP	Best Management Practice
BRA	Biological Resources Assessment
BTU	British thermal units
BVOC	biogenic volatile organic compound
C2ES	Center for Climate Energy Solutions
CA FID	California Facility Inventory Database
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Health and Safety Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association
CBC	California Building Standards Code
CBPP	Countywide Bicycle and Pedestrian Plan
CCAA	California Clean Air Act
CCCC	California Climate Change Center
CCCSPD	Contra Costa County Fire Protection District
CCCSD	Central Contra Costa Sanitary District
CCCWP	Contra Costa Clean Water Program
CCEH	Contra Costa Environmental Health
CCHMP	Contra Costa Hazard Mitigation Plan
CCR	California Code of Regulations
CCTA	Contra Costa Transportation Authority
CCTS	Central California Taxonomic System
CCWD	Contra Costa Water District
CDF	California Department of Finance
CDFW	California Department of Fish and Wildlife
CE	Common Era
CEC	California Energy Commission
CEQA	California Environmental Quality Act

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFC	chlorofluorocarbon
CFR	Code of Federal Regulations
cfs	cubic-feet-per-second
CH <sub>4</sub>	methane
CHL	California Historical Landmarks
CHRIS	California Historical Resources Information System
CMP	Congestion Management Plan
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>4</sub>	methane
CO <sub>2</sub> e	carbon dioxide equivalent
CPII	California Points of Historical Interest
CPT	Cone Penetration Testing
CPUC	California Public Utilities Code
CRA	Cultural Resource Assessment
CRHR	California Register of Historical Resources
CTR	California Toxics Rule
CUPA	Certified Unified Program Agency
CVP	Central Valley Project
CWA	Clean Water Act
dB	decibel
dba	A-weighted decibel
DBH	diameter at breast height
DNL	Day/Night Noise Level
DOT	United States Department of Transportation
DPM	diesel particulate matter
DPR	California Department of Parks and Recreation
DTSC	California Department of Toxic Substances Control
DVC	Diablo Valley College
ECCCCHCP	East Contra Costa County Habitat Conservation Plan
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act

**Acronyms and Abbreviations**

---

EOP	Emergency Operations Plan
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
EV	electric vehicle
FAA	Federal Aviation Administration
FAR	floor area ratio
FCS	FirstCarbon Solutions
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FTA	Federal Transit Administration
gsf	gross square feet
GVWR	gross vehicle weight rating
GWh/y	gigawatt-hours per year
GWP	global warming potential
HAZNET	Hazardous Waste Tracking System
HCD	California Department of Housing and Community Development
HCM	Highway Capacity Manual
HFC	hydrofluorocarbon
HMP	Hazard Mitigation Plan
HMUPA	Hazardous Materials Unified Program Agency
HOV/HOT	High Occupancy Vehicle/High Occupancy Toll
HRA	Health Risk Assessment
HRI	California Historic Resources Inventory
HSC	Health and Safety Code
HUD	United States Department of Housing and Urban Development
HVAC	heating, ventilation, and air conditioning
HWCL	Hazardous Waste Control Law
IPCC	United Nations Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers
kBTU	kilo-British Thermal Unit
KCL	Keller Canyon Landfills
kW	kilowatts
kWh	kilowatt-hour
LCFS	Low Carbon Fuel Standard
L <sub>dn</sub>	day/night average sound level
LED	light emitting diode

L <sub>eq</sub>	equivalent sound level
LEV	Low-Emission Vehicle
LOS	Level of Service
MBTA	Migratory Bird Treaty Act
mgd	million gallons per day
MIR	Maximum Impacted Sensitive Receptor
MLD	most likely descendant
MM	Mitigation Measure
MMI	Modified Mercalli Intensity
MMRP	Mitigation Monitoring and Reporting Program
MMT	million metric tons
mph	miles per hour
MRP	Municipal Regional Permit
MS	Multiple-Family Residential-Very Special High
MS4s	Municipal Separate Storm Sewer Systems
MT	metric ton
MTC	Metropolitan Transportation Commission
MTS	Metropolitan Transportation System
MV	Multiple-Family Residential-Very High Density
MW	megawatt
MWh	megawatt hour
MWELo	Model Water Efficient Landscape Ordinance
MXD	mixed-use development
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NDC	nationally determined contributions
NEHRP	National Earthquake Hazards Reduction Program
NEPA	National Environmental Policy Act
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NF <sub>3</sub>	nitrogen trifluoride
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NO <sub>2</sub>	nitrogen dioxide
NOAA	National Marine Fisheries Service
NOC	Notice of Completion

**Acronyms and Abbreviations**

---

NOP	Notice of Preparation
NO <sub>x</sub>	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NTR	National Toxics Rule
NWIC	Northwest Information Center
O <sub>3</sub>	ozone
OAL	Office of Administrative Law
OEHHA	California Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
ONAC	Federal Office of Noise Abatement and Control
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
P-1	Planned Unit District
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PFC	perfluorocarbon
PHF	peak-hour factor
PM <sub>x</sub>	particulate matter
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PPV	peak particle velocity
PRC	Public Resources Code
PVC	polyvinyl chloride
R-15	Residential
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
RecycleSmart	Central Contra Costa County Solid Waste Authority
REL	Reference Exposure Level
RHNA	Regional Housing Needs Allocation
RMP	Risk Management Plan
rms	root mean square
ROG	reactive organic gases
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act

SB	Senate Bill
SF <sub>6</sub>	sulfur hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SFPUC	San Francisco Public Utilities Commission
SIP	State Implementation Plan
SO <sub>2</sub>	sulfur dioxide
SOI	Sphere of Influence
SPCC	Spill Prevention, Control, and Countermeasure
SR	State Route
State Water Board	State Water Resources Control Board
SVP	Society of Vertebrate Paleontology
SWEEP	State Water Efficiency and Enhancement Program
SWIS	Solid Waste information System
SWPPP	Storm Water Pollution Prevention Plan
TAC	toxic air contaminant
TCM	transportation control measures
TCR	Tribal Cultural Resource
TDM	Transportation Demand Management
TDS	total dissolved solids
Tg	teragram
therms/y	therms per year
TIA	Transportation Impact Assessment
TMA	Transportation Management Association
TMDL	Total Maximum Daily Load
TNC	Transportation Network Company
TOD	Transit Oriented Development
UBC	Uniform Building Code
UNFCCC	United Nations Framework Convention on Climate Change
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan
V/C	volume to capacity ratio
VDECS	Verified Diesel Emission Control Strategies
VMT	Vehicle Miles Traveled

***Acronyms and Abbreviations***

---

VOC	volatile organic compounds
WCSD	Walnut Creek School District
WDR	Waste Discharge Requirements
WSA	Water Supply Assessment