

ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius (Centigrade)
°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ACP	Alternative Compliance Plan
ADA	Americans with Disabilities Act
ADT	average daily traffic
af	acre-foot
AFY	acre-feet per year
AIA	Airport Influence Area
AIC	Archaeological Information Center
AICUZ	Air Installation Compatibility Use Zone
AIRFA	American Indian Religious Freedom Act
ALS	advanced life support
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
APCD	Air Pollution Control District
APD	Antioch Police Department
APE	Area of Potential Effect
APN	Assessor's Parcel Number
AQMD	Air Quality Management District
AR	Age Restricted
ARB	California Air Resources Board
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
ATCM	Airborne Toxic Control Measures
ASCT	Adaptive Signal Control Technologies
AUSD	Antioch Unified School District
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit

Acronyms and Abbreviations

BCDC	Bay Conservation and Development Commission
BCE	before Common Era
bgs	below ground surface
BIOS	Biogeographic Information and Observation System
BLS	basic life support
BMP	Best Management Practice
BP	Before Present
BRA	Biological Resources Assessment
BTU	British Thermal Unit
BVOC	biogenic volatile organic compound
CAAQS	California Ambient Air Quality Standards
CA FID	California Facility Inventory Database
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Health and Safety Administration
CalEEMod	California Emissions Estimator Model
Cal/EPA	California Environmental Protection Agency
CAL FID	California Facility Inventory Database
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Clean Air Plan
CASQA	California Stormwater Quality Association
CBC	California Building Standards Code
CBSC	California Building Standards Commission
CCCTA	Contra Costa County Transportation Agency
CCCWP	Contra Costa Clean Water Program
CCR	California Code of Regulations
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
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFC	chlorofluorocarbon
CFD	Community Facilities District
CFR	Code of Federal Regulations

CH ₄	methane
CHL	California Historical Landmarks List
CIP	Capital Improvement Program
CMA	congestion management agency
CMP	Congestion Management Plan
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂ e	carbon dioxide equivalent
CPHI	California Points of Historical Interest
CPUC	California Public Utilities Code
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CTR	California Toxics Rule
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dba	A-weighted decibel
dba/DD	dba per each doubling of the distance
DBH	diameter at breast height
dB SPL	decibel sound pressure level
DEIR	Draft Environmental Impact Report
DMA	drainage management area
DNL	Day-Night Level
DOGGR	California Department of Oil, Gas, and Geothermal Resources
DPM	diesel particulate matter
DTSC	California Department of Toxic Substances Control
du	dwelling unit
du/ac	dwelling unit per acre
EBRPD	East Bay Regional Park District
ECCC	East Contra Costa County
ECCC HCP/NCCP	East Contra Costa County Habitat Conservation Plan/Natural Community Conservation Plan
ECRFFA	East Contra Costa Regional Fee and Financing Authority
EDD	California Employment Development Department
EIA	United States Energy Information Administration
EIR	Environmental Impact Report

Acronyms and Abbreviations

EMT	Emergency Medical Technicians
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
EVA	Emergency Vehicle Access
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
FMMP	Farmland Mapping and Monitoring Program
GHG	greenhouse gas
GPD	gallons per day
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
HCP	Habitat Conservation Plan
HEPA	high-efficiency particulate air
HFC	hydrofluorocarbon
HMP	Hazard Mitigation Plan
HOA	Homeowner’s Association
HOV/HOT	High Occupancy Vehicle/High Occupancy Toll
HRA	Health Risk Assessment
HRI	California Historical Resources Inventory
HSC	Health and Safety Code
HSG	Hydrologic Soil Groups
HUD	United States Department of Housing and Urban Development
HVAC	heating, ventilation, and air conditioning
HWCL	Hazardous Waste Control Law
Hz	hertz
ICC	International Code Council
ICLEI	Local Governments for Sustainability (formerly International Council for Local Environmental Initiatives and retains acronym)
ICM	Integrated Corridor Management
IMP	Integrated Management Practices

ITE	Institution of Transportation Engineers
LAFCo	Local Agency Formation Commission
LBP	lead-based paint
LCFS	Low Carbon Fuel Standard
L _{dn}	day/night average sound level
LD	Low Density
LDR	Low Density Residential
LED	light emitting diode
L _{eq}	equivalent sound level
LEV	Low Emission Vehicle
LID	Low Impact Development
LIM	Land Inventory and Monitoring
LOS	Level of Service
LRA	Local Responsibility Area
LSE	load-serving entities
LUST	leaking underground storage tank
MBTA	Migratory Bird Treaty Act
MD	Medium Density
MERV	Minimum Efficiency Reporting Value
mgd	million gallons per day
mg/l	milligrams per liter
MGPY	million gallons per year
MIR	Maximum Impacted Sensitive Receptor
MLD	most likely descendant
MLDR	Medium Low Density Residential
MLRA	Major Land Resource Area
MM	Mitigation Measure
MMI	Modified Mercalli Intensity
MMRP	Mitigation Monitoring and Reporting Program
mph	miles per hour
MS4	Municipal Separate Storm Sewer Systems
MSDS	Material Safety Data Sheets
MSL	mean sea level
MTC	Metropolitan Transportation Commission
MTS	Metropolitan Transportation System
MUMF	Mixed Use Medical Facility District
MUTCD	Manual of Uniform Traffic Control Devices
MXD	mixed-use development

Acronyms and Abbreviations

N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NEHRP	National Earthquake Hazards Reduction Act
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NO ₂	nitrogen dioxide
NOC	Notice of Completion
NOP	Notice of Preparation
NO _x	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 ₃	ozone
O&M	Operations and Management Plan
OAL	Office of Administrative Law
OEHHA	California Office of Environmental Health Hazard Assessment
OHWM	ordinary high water mark
ONAC	Federal Office of Noise Abatement and Control
OPR	Governor’s Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PACM	presumed asbestos-containing material
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PD	Planned Development District
PDP	preliminary development plan
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric
PM _x	particulate matter
ppb	parts per billion
ppm	parts per million

PPV	peak particle velocity
PQP	Public/Quasi Public
PRC	Public Resources Code
PVC	polyvinyl chloride
RCRA	Resource Conservation Recovery Act
REC	Recognized Environmental Condition
RHNA	Regional Housing Needs Allocation
RMP	Resource Management Plan
rms	root mean square
ROG	reactive organic gases
RPA	Registered Professional Archeologist
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SF ₆	sulfur hexafluoride
SFPUC	San Francisco Public Utilities Commission
SMP	Soil Management Plan
SO ₂	sulfur dioxide
SPCC	Spill Prevention, Control, and Countermeasure
SR	State Route
SRA	State Responsibility Area
SWEEP	State Water Efficiency and Enhancement Program
SWPPP	Storm Water Pollution Prevention Plan
State Water Board	California State Water Resources Control Board
TAC	toxic air contaminant
TCM	transportation control measure
TCR	Tribal Cultural Resources
TDM	Transportation Demand Management
TDS	total dissolved solids
Tg	teragram
therms/y	therms per year
TKN	Total Kjeldahl Nitrogen
TMA	Transportation Management Association
TMDL	Total Maximum Daily Load
TOD	Transit Oriented Development
TRB	Transportation Research Board
UBC	Uniform Building Code
UCMP	University of California Museum of Paleontology
UFC	Uniform Fire Code

Acronyms and Abbreviations

ULL	Urban Limit Line
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USFS	United States Forest Service
USGS	United States Geological Survey
USFWS	United States Fish and Wildlife Service
UST	underground storage tank
ULL	Urban Limit Line
UWMP	Urban Water Management Plan
V/C	volume to capacity ratio
VdB	vibration in decibels
VHFHSZ	Very High Fire Hazard Severity Zone
VMT	vehicle miles traveled
WBWG	Western Bat Working Group
WDR	Waste Discharge Requirements
WEAT	Worker Environmental Awareness Training
WEF	Wildlife Exclusion Fencing
WSA	Water Supply Assessment
WSCD	West Sand Creek District
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant