
X. ABBREVIATIONS AND ACRONYMS

AASHTO	American Association of State Highway and Transportation Officials
AB	Assembly Bill
ABAG	Association of Bay Area Governments
AFY	Acre Feet per Year
ASHERA	Asbestos Hazard and Emergency Response Act
ANSI	American National Standard Institute
A-PEFZA	Alquist-Priolo Earthquake Fault Zoning Act
APN	Assessor Parcel Number
AQMP	Air Quality Management Plan
ARB	Air Resources Board
ARMR	Archaeological Resource Management Report
ASTs	Above-ground Storage Tanks
B8	Frozen Lot Size
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BARCT	Best Available Retrofit Control Technologies
Basin	San Francisco Bay Area Air Basin
BCA	Biological Constraints Analysis
BCDC	San Francisco Bay Conservation and Development Commission
bgs	below ground surface
BMP	Best Management Practices
BR	Biotic Resources
BTU	British Thermal Unit
CAA	Federal Clean Air Act
CAAA	Federal Clean Air Act Amendments
CA-FID	California-Facility Inventory Database
CalARP	California Accidental Release Program

CalEPA	California Environmental Protection Agency
CalOSHA	California Department of Industrial Relations, Division of Occupational Safety and Health
Caltrans	California Department of Transportation
CAP	Clean Air Plan
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDMG	California Department of Mines and Geology
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
Cf	Cubic feet
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHRIS	California Historical Resources Information System
CIWMB	California Integrated Waste Management Board
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon Monoxide
Corps	United States Army Corps of Engineers
County	Sonoma County
CRHR	California Register of Historical Resources
CRMP	Construction Risk Management Plan
CSC	California Species of Concern
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWC	California Water Code
cy	cubic yards

dB	decibel
dB(A)	A-weighted decibel
DD	Drainage Ditch
DEIR	Draft Environmental Impact Report
DHS	California Department of Health and Services
DTSC	Department of Toxic Substances Control
DWQ	Division of Water Quality
EB	Eastbound
EIR	Environmental Impact Report
EMS	Emergency Medical Service
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ESL	Environmental Screening Levels
F2	Flood Plain
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FIRM	Flood Insurance Rate Mapping
GCC	Global Climate Change
GHG	Greenhouse Gases
GI	General Industrial
gpd	gallons per day
gpm	gallons per minute
gsf	gross square feet
H/ERIAR	Heron/Egret Rookery Impact Assessment and Recommendations
HAPs	Hazardous Air Pollutants
HAZWOPER	Hazardous Waste Operations and Emergency Response

HD	Historic District
HDPE	High Density Polyethylene
HMA	Hot Mix Asphalt
HOV	High Occupancy Vehicle
HPOZ	Historic Preservation Overlay Zone
HVAC	Heating, Ventilation and Air Conditioning
Hz	Frequency in hertz
IS	Initial Study
JARPA	Joint Aquatic Resource Permit Application
kWh	kilowatt-hours
L01	A-weighted noised levels exceeding 1%
L10	A-weighted noised levels exceeding 10%
L50	A-weighted noised levels exceeding 50%
L90	A-weighted noised levels exceeding 90%
LAFCO	Local Agency Formation Commission
lbs/day	pounds per day
LC	Limited Commercial
LDL	Larson Davis Laboratories
Ldn	average day/night level
LEA	Land Extensive Agriculture
Leq	average ambient sound level
L_{max}	maximum instantaneous noise level
L_{min}	minimum instantaneous noise level
LOS	Level of Service
LTS	Less than Significant
LTS w/Mit	Less than Significant with Mitigation

M1	Limited Urban Industrial
M2	Heavy Industrial
M3	Limited Rural Industrial
MACT	Maximum Available Control Technology
MBTA	Migratory Bird Treaty Act
MEP	Maximum Extent Practicable
MF	Multiple family residential
mgd	millions of gallons per day
mi	miles
mmhos/cm	millimhos per centimeter
MMI	Modified Mercalli Intensity Scale
MMP	Mitigation Monitoring Program
mph	miles per hour
MSDS	Material Safety Data Sheets
msl	mean sea level
msp	maximum extent practical
MW	Moment Magnitude
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NB	Northbound
NCHRP	National Cooperative Highway Research Program
NE	Not Established
NEHRP	National Earthquake Hazards Reduction Program
NEHRPA	National Earthquake Hazards Reduction Program Act
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NIST	National Institute of Standards and Technology
NMWD	North Marin Water District
NO _x	Nitrogen Oxides

NO ₂	Nitrogen Dioxide
NOAA	National Oceanic Atmospheric Administration
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Properties
NSF	National Science Foundation
NSPS	New Source Performance Standards
NWPRR	Northwest Pacific Railroad
O ₃	Ozone
OHP	Office of Historic Preservation
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PAH	Poly Aromatic Hydrocarbons
PAWI	Preliminary Assessment of Wetland Impacts
Pb	lead
PBS	Petaluma Boulevard South
PG&E	Pacific Gas and Electric
PM	Particulate Matter
PM10	Respirable Particulate Matter
PM2.5	Fine Particulate Matter
ppd	pounds per day
ppm	parts per million
ppmv	parts per million by volume
PRMD	Permit and Resource Management Department
PSD	Prevention of Significant Deterioration
psf	per square foot
psi	pounds per square inch
PST	Pacific Standard Time

PUC	Public Utilities Commission
PUD	Planned Unit Development
PVC	Polyvinyl Chloride
RAP	Recycled Asphalt Product
RCRA	Resource Conservation Recovery Act
ROG	Reactive Organic Gas
RR	Rural Residential
RWQCB	Regional Water Quality Control Board
SAAQS	State Ambient Air Quality Standards
SAFZ	San Andreas Fault Zone
SAVFD	San Antonio Volunteer Fire Department
SB	Southbound
SCDEH	Sonoma County Department of Environmental Health
SCWA	Sonoma County Water Agency
SD	Scenic Design
sf	square feet
SF	Single family residential
SHBC	State Historical Building Code
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SMART	Sonoma-Marin Area Rail Transit
SMART-ROW	Sonoma-Marin Area Rail Transit right-of-way
SO _x	Sulfur Oxides
SO ₂	Sulfur Dioxide
SO ₄	Sulfates
SPCC	Spill Prevention Control and Countermeasures
SPL	Sound Pressure Level
SR	Scenic Resources

SRA	Source Receptor Area
SU	Significant and Unavoidable
SUSMP	Standard Urban Stormwater Mitigation Plan
SWA	Supplemental Wetland Assessment
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resource Control Board
TACs	Toxic Air Contaminants
TBACT	Toxics Best Available Control Technology
TCLP	Toxicity Characteristics Leaching Potential
TCM	Transportation Control Measures
TMDL	Total Maximum Daily Load
TPHd	Total Petroleum Hydrocarbons as diesel
TPHg	Total Petroleum Hydrocarbons as gasoline
TPHmo	Total Petroleum Hydrocarbons as motor oil
TTLC	Total Threshold Limit Concentration
UBC	Uniform Building Code
USEPA	United States Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tank
V/C	Volume-to-Capacity
VdB	Vibration decibels
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound
VOH	Valley Oak Habitat
WB	Westbound

WHO	World Health Organization
WMMP	Wetland Mitigation and Monitoring Program
WSA	Water Supply Assessment
°C	Celsius
°F	Fahrenheit
µg/l	micrograms per liter
µg/m ³	micrograms per cubic meter