

10—ACRONYMS

µg/L	micrograms per liter
µm	micrometers
A	Agriculture land use designation
AADT	annual average daily trips
AB	assembly bill
ABAG	Association of Bay Area Governments
AC	alternating current
ACSMO	Alameda County Surface Mining Ordinance
ACTC	Alameda County Transportation Commission
ADV	Arroyo del Valle
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AFY	acre-feet per year
AF	acre-feet
AMP	Adaptive Management Plan
ANSI S1.4	American National Standards Institute for Type 1 sound level meters
APN	Assessor Parcel Number
ARB	air resources board
ATCM	Airborne Toxic Control Measure
AVL	Arroyo del Valle at Livermore
BAAQMD	Bay Area Air Quality Management District
BAC	Bollard Acoustical Consultants
BACT	best available control technology
BART	Bay Area Rapid Transit
BAU	business as usual
BCDC	San Francisco Bay Conservation and Development Commission
bgs	below ground surface

BMPs	best management practices
BO	biological opinion
BRA	Biological Resources Assessment
CAAQS	California ambient air quality standards
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
Caltrans	California Department of Transportation
CAFÉ	corporate average fuel economy
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act of 1988
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDFG	California Department of Fish and Game (former)
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQ	White House Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Survey
CH ₄	methane
CIP	Capital Improvement Program
CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level

CNPS	California Native Plant Society
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ E	carbon dioxide equivalent
County	Alameda County
CPUC	California Public Utilities Commission
CRLF	California redlegged frog
CTS	California tiger salamander
CUP	conditional use permit
CWA	Clean Water Act
dB	decibel
dba	A-weighted decibels
DEIR	draft environmental impact report
DNL	day-night noise level
DOC	California Department of Conservation
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
DWR	California Department of Water Resources
EA	Environmental Assessment
EACCS	East Alameda County Conservation Strategy
EBRPD	East Bay Regional Park District
ECAP	East County Area Plan
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMFAC	Emission Factor Model
EPA	U.S. Environmental Protection Agency

EPSP	East Pleasanton Specific Plan
ESA	Federal Endangered Species Act
°F	Fahrenheit
FAR	floor area ratio
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FICON	Federal Interagency Commission on Noise
FIS	Flood Insurance Study
FS	Factor of Safety
ft/s	feet per second
GHG	greenhouse gases
GIS	geographic information system
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GVWR	Gross vehicle weight rating
GWP	global warming potential
H ₂ O	water vapor
HCP	Habitat Conservation Plan
HDPE	High-density polyethylene
HEC-RAS	Hydrologic Engineering Centers River Analysis System
HFCs	Hydrofluorocarbons
HI	hazard index
hp	horsepower
HRA	health risk assessment
Hz	hertz
IAQ	Indoor Air Quality
IBC	International Building Code
in/sec	inches per second

INSP	Isabel Neighborhood Specific Plan
IPaC	Information for Planning and Conservation
IS/MND	Initial Study/Mitigated Negative Declaration
IPCC	Intergovernmental Panel on Climate Change
KOP	key observation point
L50	median noise value
LAVQAR Specific Plan	Livermore-Amador Valley Quarry Area Reclamation Specific Plan
LAVQAR EIR	Livermore-Amador Valley Quarry Area Reclamation Specific Plan Environmental Impact Report
Lb/day	Pounds per day
LCFS	Low Carbon Fuel Standard
LDAMDV	light duty auto – medium duty vehicle
Ldn	day-night noise level (also DNL)
Leq	equivalent noise level
LEV	low-emission vehicle
LGOP	Local Government Protocols
Lmax	maximum noise level
Ln	statistical sound level
MBTA	Migratory Bird Treaty Act
MCL	Maximum Contaminant Levels
mg/dscm	milligrams per dry standard cubic meter
mg/L	milligrams per liter
mg/m ³	milligrams per cubic meter
mL/hr	milliliters per hour
MMRP	mitigation monitoring and reporting plan
MMT	million metric tons
MMTCO ₂ E	million metric tons of CO ₂ E
mph	miles per hour

MPO	Metropolitan Planning Organizations
MRZs	Mineral Resource Zones
msl	mean sea level
MT	million tons
MTC	Metropolitan Transportation Commission
MW	megawatts
N	Nitrate
NAAQS	national ambient air quality standards
NAS	National Academy of Sciences
NCDC	National Climatic Data Center
ND	negative declaration
NCCP	Natural Community Conservation Plan
NEPA	National Environmental Policy Act
NF ₃	nitrogen trifluoride
NHTSA	Department of Transportation's National Highway Traffic Safety Administration
N ₂ O	nitrous oxide
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NOA	notice of availability
NOAA	National Oceanic and Atmospheric Administration
NOC	notice of completion
NO	nitric oxide
NOP	notice of preparation
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NTU	nephelometric turbidity units
O ₃	ozone

OEHHA	Office of Environmental Health Hazard Assessment
OFFROAD	Off-Road Emissions Inventory Program model
OHWM	ordinary high water mark
ONRW	Outstanding National Resource Waters
OPR	Governor’s Office of Planning and Research
OSHA	U.S. Department of Labor Occupational Safety and Health Administration
PCC	Portland cement concrete
PDA	Priority Development Areas
PD	planned development land use designation
PFCs	perfluorocarbons
PG&E	Pacific Gas and Electric Company
PM ₁₀	respirable particulate matter
PM _{2.5}	particulate matter
ppm	parts per million
PPV	Peak Particle Velocity
PRC	Public Resources Code
PSD	prevention of significant deterioration
PV	photovoltaic
QP-H	Quarry Pond H
RCNM	roadway construction noise model
RCIS	Regional Conservation Investment Strategy
REL	reference exposure level
RFS	Renewable Fuel Standard
rms	root mean square
ROAR	Responsible Official Affirmation of Reporting
ROG	reactive organic gases
RPS	Renewables Portfolio Standard
RTAC	Regional Targets Advisory Committee

RTP	Regional Transit Plan
RWQCB	Regional Water Quality Control Board
SAFE	Safer Affordable Fuel-Efficient
SCEC	Southern California Earthquake Center
SCS	sustainable communities strategy
SEIR	subsequent environmental impact report
SF ₆	hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SFHA	Special Flood Hazard Area
SGMA	Sustainable Groundwater Management Act
SMARA	Surface Mining and Reclamation Act
SMO	surface mining ordinance
SMP	surface mining permit
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SP	service population
SR	State Route
SVP	Society of Vertebrate Paleontologists
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
TBD	to be determined
TBP	toxic best practices
TDS	toxic dissolved solids
TP	test pit
tpy	tons per year
U	unclassified land use designation
UBC	Uniform Building Code of 1997

umhos/cm	micromhos per centimeter
USBR	U.S. Bureau of Reclamation
USDA	United States Department of Agriculture
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VdB	velocity decibels
VDECS	Verified Diesel Emission Control Strategies
VMT	vehicle-miles traveled
WCI	Western Regional Climate Action Initiative
WDR	Waste Discharge Requirement
WSA	Water Supply Assessment
yr	year
ZEV	zero emission vehicle
Zone 7	Zone 7 Water Agency

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