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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
AC	alternating current
ACE	Altamont Commuter Express
ACFCWCD	Alameda County Flood Control and Water Conservation District
ACFD	Alameda County Fire Department
ACHP	Advisory Council on Historic Preservation
ACMC	Alameda County Municipal Code
ACOE	Alameda County Office of Education
ACSR	aluminum conductor steel reinforced
ACPWA	Alameda County Public Works Agency
ADT	average daily traffic
AF	acre-feet
AFY	acre-foot per year
AHJ	authority having jurisdiction
AHS	Alameda County Health Care System
AISC	American Institute of Steel Construction
AMSL	above mean sea level
AN	audible noise
API	area of potential impacts
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
ATCM	Airborne Toxic Control Measure
Applicant	Levy Alameda, LLC
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology
BART	Bay Area Rapid Transit
BCDC	San Francisco Bay Conservation and Development Commission
BER	business environmental risk
BESS	battery energy storage system
BMP	best management practice
BMS	battery management system
BPA	Bonneville Power Administration
BPPA	Botanical Priority Protection Areas Project
BUG	backlight, uplight, and glare
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
cal	calibrated years
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emissions Estimator Model
Cal/OSHA	California Occupational Health and Safety Administration

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
CAISO	California Independent System Operator
CARB	California Air Resources Board
CBC	California Building Code
CCED	California Conservation Easement Database
CCIC	Central California Information Center
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDOF	California Department of Finance
CDP	Census Designated Place
CEC	California Energy Commission
CESA	California Endangered Species Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQA	California Environmental Quality Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CPAD	California Protected Area Database
CPUC	California Public Utilities Commission
CRHR	California Register of Historic Resources
CRLF	California red-legged frog
CRPR	California Rare Plant Rank
CTS	California tiger salamander
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
CZ	Conservation Zone
dB	decibel
dBA	A-weighted decibel
DC	direct current
DESCP	drainage, erosion, and sediment control plan
DOC	Department of Conservation
DOT	Department of Transportation
DPM	diesel particulate matter
DPS	distinct population segment
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
EACCS	<u>East Alameda County Conservation Strategy</u>

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
EBCA	East Bay Chapter Area
ECAP	Alameda County East Area Plan
EFH	Essential Fish Habitat
EIR	environmental impact report
EMS	Emergency Medical Services
EOP	Emergency Operations Plan
EOR	Engineer of Record
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to Know Act
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FESA	federal Endangered Species Act
FHSZ	Fire Hazard Severity Zone
FICON	Federal Interagency Committee on Noise
FMMP	Farmland Mapping and Monitoring Program
FMZ	fuel modification zone
FP	Fully Protected
FPP	Fire Protection Plan
FRAP	Fire and Resource Assessment Program
FSP	Fire Safety Plan
FTA	Federal Transit Administration
FTE	Full-time Equivalent
GDP	gross domestic product
gen-tie	intertie transmission
GHG	greenhouse gas
GIS	geographic information system
GO	General Order
GSP	Groundwater Sustainability Plan
HAP	hazardous air pollutant
HFTD	High Fire Threat District
HMBP	Hazardous Materials Business Plan
HRA	health risk assessment
HVAC	heating, ventilation, and air conditioning
HUC	Hydrologic Unit Code
ICTF	Intermodal Container Transfer Facility
IFC	International Fire Code
IP	Invertebrate Paleontology
ips	inches per second
IR	Division of State Architects Interpretation of Regulations
ISO	International Organization of Standardization
KOP	Key Observation Point
kV	kilovolt

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
L	liter
LACM	Los Angeles County Museum
Ldn	day-night sound or noise level
LEPC	Local Emergency Planning Committee
L _{eq}	energy-equivalent sound level
L _{eq} (h)	1-hour A-weighted equivalent sound level
LFP	lithium iron phosphate
LHMP	Alameda County Local Hazard Mitigation Plan
LID	Low Impact Development
LORS	Laws, Ordinances, Regulations, and Standards
LOS	level of service
LO/TO	lock-out/tag-out
LPA	Large Parcel Acreage - or Agriculture?
LUST	leaking underground storage tank
LVK	Livermore Municipal Airport
MBTA	Migratory Bird Treaty Act
mg	milligram
MM	mitigation measure
MPH	miles per hour
MRZ	mineral resource zone
MV	medium voltage
MW	megawatt
MWh	megawatt-hour
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NEC	National Electric Code
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHD	National Hydrography Dataset
NHMLA	Natural History Museum of Los Angeles County
NO	nitric oxide
NOAA	National Oceanic and Atmospheric Administration
NO _x	oxides of nitrogen
NO ₂	nitrogen dioxide
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NTR	Noise Technical Report
NWI	National Wetlands Inventory
NWIC	Northwest Information Center
NWIS	National Water Information System
O&M	operations and maintenance
O ₃	ozone

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
OCCF	octave-band center frequency
OEHHA	Office of Environmental Health Hazard Assessment
OPR	Governor’s Office of Planning and Research
OSHA	Occupational Health and Safety Administration
PCE	passenger car equivalent
PCS	Power Conversion System
PDF	Project Design Feature
PG&E	Pacific Gas and Electric
PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to 10 microns
POCO	Point of Change of Ownership
POI	Point of Interconnection
PPE	personal protective equipment.
PPV	peak particle velocity
PRC	Public Resources Code
PRIMP	Paleontological Resources Impact Mitigation Program
PSAP	Public Safety Answering Point
Project	Potentia-Viridi Battery Energy Storage System
PV	photovoltaic
PWL	sound power level
Q	Quarter
RAWS	Remote Automated Weather Station
RCNM	Federal Highway Administration Roadway Construction Noise Model
RCRA	Resource Conservation and Recovery Act
ROG	reactive organic gas
ROW	right-of-way
RMP	Risk Management Plan
RUSLE	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
SAP	sampling and analysis plan
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCADA	Supervisory Control and Data Acquisition
SDAPCD	San Diego Air Pollution Control District
SFBAAB	San Francisco Bay Area Air Basin
SGMA	Sustainable Groundwater Management Act
SHPO	State Historic Preservation Officer
SIL	significant impact level
SIP	state implementation plan
SJCAPCD	San Joaquin County Air Pollution Control District
SLF	Sacred Lands File
SLM	sound level meter

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
SMARA	California Surface Mining and Reclamation Act
SMP	soil management plan
SO ₂	sulfur dioxide
SPCC	Spill Prevention Control and Countermeasures Plan
SPL	sound pressure level
SRA	State Responsibility Area
SSC	Species of Special Concern
SSD	Site Safety Director
SSJCFCA	South San Joaquin County Fire Authority
SVP	Society of Vertebrate Paleontology
SWRCB	State Water Resources Control Board
SWP	State Water Project
SWPPP	stormwater pollution prevention plan
TAC	toxic air contaminant
TCY	Tracy Municipal Airport
TDS	total dissolved solids
TMDL	Total Maximum Daily Load
UCMP	University of California, Berkeley Museum of Paleontology
UL	Underwriters Laboratories
USACE	U.S. Army Corps of Engineers
USD	Unified School District
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U. S. Geological Survey
USLE	Universal Soil Loss Equation
UWMP	Urban Water Management Plan
VMT	vehicle miles traveled
VOC	volatile organic compound
WSA	water supply assessment
WUI	wildland-urban interface