

## LIST OF ACRONYMS

### **A**

AAQS	ambient air quality standards
AASHTO	American Association of State and Highway Transportation Officials
AB	Assembly Bill
ABA	acid base accounting
ADMP	Asbestos Dust Mitigation Plan
AHERA	Asbestos Hazard Emergency Response Act
AHM	acutely hazardous material
ALUC	Airport Land Use Commission
AMSL	above mean sea level
ANFO	ammonium nitrate fuel oil
ANSI	American National Standards Institute
APE	Area of Potential Effects
APM	Applicant Proposed Measure
APN	Assessor's Parcel Number
ARAR	applicable, relevant, and appropriate requirements
AST	above-ground storage tank
ASTM	American Society for Testing and Materials
ASUR	Asbestos, Serpentinite, and Ultramafic Rock
ATCM	Airborne Toxic Control Measure
ATS	Average Travel Speed

### **B**

BAAQMD	Bay Area Air Quality Management Plan
BAC	Bollard Acoustical Consultants
bgs	below ground surface
BMI	benthic macroinvertebrates
BMPs	Best Management Practices
BO	Biological Opinion

### **C**

CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CalAPR	California Accidental Release Program
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards Code

CALINE4	California LINE Source Dispersion Model
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CASQA	California Stormwater Quality Association
CBC	California Building Code
CBSC	California Building Standards Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDM	Clean Development Mechanism
CDMG	California Department of Mines and Geology
CEC	California Energy Commission
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	California Fire Code
CFCs	chlorofluorocarbons
cfm	cubic feet per minute
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geologic Survey
CH <sub>4</sub>	methane
CHRIS	California Historical Resources Information System
CI	compression ignition
CIP	Capital Improvement Plan
cis-1,2-DCE	cis-1,2-dichloroethylene
CIWMB	California Integrated Waste Management Board
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNGR	Centennial Narrow Gauge Railroad
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CPB	cemented-paste backfill
CPG	Comprehensive Preparedness Guidance
CPUC	California Public Utilities Commission
CQA	construction quality assurance
Cr <sup>+3</sup>	Trivalent Chromium
Cr <sup>+6</sup>	Hexavalent Chromium
CREC	Controlled Recognized Environmental Conditions
CRHR	California Register of Historic Resources
CRLF	California red-legged frog
CRNA	California Natural Resources Agency
CRPR	California Rare Plant Rank
CRSD	Cubed-Root Scale Distance
CSAs	Community Service Areas

CSD	Corner Sight Distance
CVRWQCB	Central Valley Regional Water Quality Control Board
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWPP	Community Wildfire Protection Plan
Cy	cubic yard

## **D**

dB	Decibel
dBA	A-weighted sound level
DBH	diameter at breast height
DCH	Designated Critical Habitat
DOC	Geologic Map of Chico Quadrangle, DOC, 1992; Special Report 164
DOT	Department of Transportation
DPM	diesel particulate matter
DS	Deer Creek South
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources

## **E**

EAP	Energy Action Plan
EAS	Emergency Alert System
EB	Eastbound
ECC	Emergency Command Center
ECP	Erosion and Sediment Control Plan
EDR	Environmental Data Resources, Inc.
EIR	Environmental Impact Report
EMT	Emergency Medical Technician
EO	Executive Order
EOC	Emergency Operations Center
EOP	Emergency Operation Plan
EPA	Environmental Protection Agency
EPAP	Existing Plus Project Conditions
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Environmental Site Assessment
ESAL	Equivalent Single Axle Loads

## **F**

FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHSZ	Fire Hazard Seventy Zone
FHWA	Federal Highway Administration

FICON	Federal Interagency Commission on Noise
FMA	Flood Mitigation Assistance Program
FPA	Forest Practice Act
FPD	Fire Protection District
FPP	Fire Protection Plan
FPR	Forest Practice Rules
FRA	Federal Responsibility Area
FSCNC	Fire Safe Council of Nevada County
FTA	Federal Transit Administration

## **G**

GAC	granular activated carbon
GHG	greenhouse gas
GIS	Geographic Information Systems
GMP	groundwater monitoring plan
gpd	gallons per day
gpm	gallons per minute
GSP	Groundwater Sustainability Plan
GVFD	Grass Valley Fire Department
GWh	gigawatt hours
GWP	global warming potential

## **H**

H <sub>2</sub> S	hydrogen sulfide
HARP2	Hotspots Analysis and Reporting Program Version 2
HAS	hydrologic study area
HCFCs	hydrochlorofluorocarbons
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HFCs	hydrofluorocarbons
HFRA	Healthy Forest Restoration Act
HMGP	Hazard Mitigation Grant Program
HMP	Habitat Management Plan
HOV	high-occupancy vehicle
hp	horsepower
HRA	Health Risk Assessment
HREC	Historical Recognized Environmental Condition
HSWA	Hazardous and Solid Waste Amendments
HWCL	Hazardous Waste Control Law
Hz	Hertz

## **I**

IBC	International Building Code
ICC	International Code Council

ICE	internal combustion engines
IGP	Industrial General Permit
IND	Nevada County Industrial
IPaC	USFWS Information, Planning, and Consultation System
IPCC	Intergovernmental Panel on Climate Change
ISO	International Organization for Standardization
I-SWPPP	Industrial Stormwater Pollution Prevention Plan
ITP	Incidental Take Permit

## **J**

JOA	Joint Operations Agreement
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## **K**

KMnO <sub>4</sub>	potassium permanganate
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## **L**

LAMP	Local Area Management Plan
LCFS	Low Carbon Fuel Standard
L <sub>dn</sub>	day-night average noise descriptor
L <sub>eq</sub>	average, or equivalent, sound level
LHMP	Local Hazard Mitigation Plan
L <sub>max</sub>	maximum noise level
LOS	level of service
LRRSP	Loma Rica Ranch Specific Plan
LUDC	Land Use and Development Code

## **M**

M1	Light Industrial
M1-ME	Light Industrial, Mineral Extraction Combining District
M1-SP	Light Industrial, Site Performance Combining District
MAP	Model Accreditation Plan
MBTA	Migratory Bird Treaty Act
MCAB	Mountain Counties Air Basin
MCL	Maximum Contaminant Level
ME	Mineral Extraction Combining District
mg/kg	milligrams per kilogram
MMT	million metric tons
MnO <sub>2</sub>	manganese dioxide
MPv	mapped Tertiary volcanics
MRZ	Mineral Resource Zone
MSHA	Mine Safety and Health Administration
msl	mean sea level
MSSD	Minimum Stopping Sight Distance

MT	metric tons
MTCO <sub>2</sub> e	metric tons of CO <sub>2</sub> equivalent
MWh	megawatt-hours

## **N**

NAAQS	National Ambient Air Quality Standards
N <sub>2</sub> O	nitrous oxide
NAHC	Native American Heritage Commission
NaOCl	sodium hypochlorite
NCALUCP	Nevada County Airport Land Use Compatibility Plan
NCCFD	Nevada County Consolidated Fire District
NCCP	Natural Community Conservation Plan
NCEHD	Nevada County Environmental Health Department
NCFD	Nevada City Fire Department
NCIC	North Center Information Center
NCLC	Nevada County Landmark Commission
NCNGR	Nevada County Narrow Gauge Railroad
NCTC	Nevada County Transportation Commission
NDS	National Data and Surveying Services
NED	National Elevation Dataset
NEHRP	National Earthquake Hazards Reduction Program
NF <sub>3</sub>	nitrogen trifluoride
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NGRR	Narrow Gauge Railroad
NH <sub>3</sub>	ammonia
NHPA	National Historic Preservation Act
NHTSA	National Highway Transportation Safety Administration
NID	Nevada Irrigation District
NIH	National Institute of Health
NIMS	National Incident Management System
NIOSH	National Institute for Occupational Safety and Health
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOA	Notice of Applicability
NOI	Notice of Intent
NOP	Notice of Preparation
NOT	Notice of Termination
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPDWR	National Primary Drinking Water Regulations
NRCS	Natural Resources Conservation Survey
NRHP	National Register of Historic Places
NSAQMD	Northern Sierra Air Quality Management District
NSPS	New Source Performance Standards
NTU	nephelometric turbidity units

NWI National Wetland Inventory

**O**

O<sub>3</sub> ozone  
OA Operational Area  
OAP Odor Abatement Plan  
OEHHA Office of Environmental Health Hazard Assessment  
OES Office of Emergency Services  
OHP Office of Historic Preservation  
OHWM ordinary high water mark  
OITC Outdoor-Indoor Transmission Class  
OPR Office of Planning and Research  
OSHA Occupation Safety and Health Administration  
OSMRE Office of Surface Mining, Reclamation, and Enforcement  
OWTS On-Site Wastewater Treatment Systems

**P**

PBS Precision Blasting Services  
PCAPCD Placer County Air Pollution Control District  
PCBs polychlorinated biphenyls  
PCE tetrachloroethylene  
PCM Phase Contrast Microscopy  
PCP pentachlorophenol  
PDM Pre-Disaster Mitigation Program  
PEA Preliminary Endangerment Assessment  
PELs permissible exposure limits  
PFCs perfluorocarbons  
PFFS percent of free-flow speed  
PFL Professional Forester's Law  
PM<sub>10</sub> respirable particulate matter  
PM<sub>2.5</sub> fine particulate matter  
POI Points of Historical Interest  
ppm parts per million  
PPV peak particle velocities  
PRC Public Resources Code  
PRDs Permanent Road Divisions  
PSPS public safety power shutoff  
PTSF Percent Time Spent Following  
PVC polyvinyl chloride

**R**

RAO Remedial Action Objective  
RAP Remedial Action Plan  
RCNM Roadway Construction Noise Model

RCRA	Resource Conservation and Recovery Act
RDC	Regional Dispatch Center
REA	Registered Environmental Assessor
REC	Recognized Environmental Condition
RMS	root-mean-square
ROG	reactive organic gases
ROW	right-of-way
RoWD	Report of Waste Discharge
RPF	Registered Professional Forester
RPS	Renewable Portfolio Standard
RTMF	Regional Transportation Mitigation Fee
RTP	Regional Transportation Plan
RWMP	Raw Water Master Plan
RWQCB	Regional Water Quality Control Board

## **S**

SAFE	Safer Affordable Fuel-Efficient
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SC	Scenic Corridor Combining District
SCAQMD	South Coast Air Quality Management District
SCH	State Clearinghouse
SEMS	Standardized Emergency Management System
SF <sub>6</sub>	sulfur hexafluoride
SFHA	Special Flood Hazard Area
SGM	Sustainable Groundwater Management
SGMA	Sustainable Groundwater Management Act
SHL	State Historic Landmarks
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SLCP	Short-Lived Climate Pollutant
SLIC	Spills, Leaks, Investigations and Cleanup
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	Surface Mining and Reclamation Act
SO <sub>2</sub>	sulfur dioxide
SR	State Route
SRA	state responsibility areas
STC	Sound Transmission Class
SVI	Sacramento Valley Index
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board

## **T**

TACs	toxic air contaminants
TCE	trichloroethylene

TCP	Timberland Conversion Permit
TCR	Transportation Concept Report
TDM	Travel Demand Model
TDS	total dissolved solids
THP	Timberland Harvest Plan
TI	Traffic Index
TMA	Transportation Management Association
TMDL	Total Maximum Daily Load
TPA	Timberland Productivity Act
TPZ	Timberland Production Zone
TSCA	Toxic Substances Control Act
TTLC	Total Threshold Limit Concentration
TWLT	two-way-left-turn-lane

## **U**

UAIC	United Auburn Indian Community of the Auburn Rancheria
UBC	Uniform Building Code
UFP	ultrafine particles
USBM	U.S. Bureau of Mines
USDA	U.S. Department of Agriculture
USEPA	United States Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan

## **V**

VCA	Voluntary Cleanup Agreement
VCM	Vinyl Chloride
VdB	Velocity Decibels
VES	Visual Encounter Surveys
VMT	vehicle miles traveled
VOC	volatile organic compound

## **W**

WB	Westbound
WBCSD	World Business Council for Sustainable Development
WDRs	Water Discharge Requirements
WLPZ	Watercourse and Lake Protection Zone
WM	Waste Management
WRI	World Resources Institute
WSA	Water Supply Assessment
WTP	water treatment plant

**Y**

YSAQMD

Yolo-Solano Air Quality Management District