

## 9 LIST OF ABBREVIATIONS

°F	degrees Fahrenheit
2040 RTP	2040 Regional Transportation Plan
AB	Assembly Bill
AC	Academic Core
ADT	Average daily traffic
AEM	Anderson Environmental Management
AERMOD	Agency Regulatory Model Improvement Committee modeling system
AFV	alternative fuel vehicles
ALARA	As Low As Reasonably Achievable
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act of 1972”
AMBAG	Association of Monterey Bay Area Governments
AQAP	air quality attainment plans
AQMP	Air Quality Management Plan
asf	assignable square feet
AST	aboveground storage tanks
ATCM	Airborne Toxic Control Measures
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology
bgs	below the ground surface
BIOS	Biogeographic Information and Observation System
BL	Biosafety Levels
BMP	best management practices
BP	before present
BUA	biological use authorizations
CA	Commercial Agricultural
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAL FIRE	California Department of Forestry and Fire Protection
Cal/OSHA	California OSHA
CalARP	California Accidental Release Prevention Program
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen Code	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association

CARB	California Air Resources Board
CASFS	Center for Agroecology and Sustainable Food Systems
CASGEM	California Statewide Groundwater Elevation Monitoring
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDC	Center for Disease Control
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CGP	Construction General Permit
CHES	Colleges, Housing and Educational Services
City	City of Santa Cruz
CIWMA	California Integrated Waste Management Act
CLUMAC	Campus Land Use and Management Action Committee
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CNR	Campus Natural Reserve
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
COC	constituents of concern
County OES	County Office of Emergency Services
County	Santa Cruz County
CRAM	California Rapid Assessment Method
CRHD	Cowell Ranch Historic District
CRHR	California Register of Historical Resources
CRL	Campus Resource Land
CRPR	California Rare Plant Rank
CS	Campus Support
CSA	Comprehensive Settlement Agreement
CSFM	California State Fire Marshal's
CSH	Colleges and Student Housing
CSP	California State Parks
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWC	California Water Code
CWHR	California Wildlife Habitat Relationship
cy	cubic yards

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dB	decibels
DCFM	Designated Campus Fire Marshal
diesel PM	diesel particulate matter exhaust
DNA	deoxyribonucleic acid
DOC	California Department of Conservation's
DOF	California Department of Finance
DOT	U.S. Department of Transportation
DPR	California Department of Pesticide Regulation
DTSC	California Department of Toxic Substances Control
ECA	Essential Connectivity Areas
EH	Employee Housing
EH&S	Environmental Health and Safety department
EHS	Environmental Health and Safety
EIR	environmental impact report
EMP	Emergency Management Plan
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
EPC	Environmental Performance Criteria
EPCRA	Emergency Planning Community Right-to-Know Act
EPS	expanded polystyrene
ERC	emission reduction credits
ESA	Endangered Species Act
ESA	Environmental Site Assessment
ESU	Evolutionarily Significant Unit
EV	electric vehicle
FMMP	Farmland Mapping and Monitoring Program
FPA	Forest Practice Act
FSH	Family Student Housing
FTA	Federal Transit Administration
FTE	Full-Time Equivalent
GHG	greenhouse gas
gsf	gross square feet
GWh	gigawatt-hours
HAB	Campus Habitat Reserve
HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HBG	Huffman-Broadway Group, Inc.
HCP	Habitat Conservation Plan
HMMP	Hazardous Materials Management Plan

HRA	health risk assessment
Hz	hertz
IAP	Incident Action Plan
ICS	Incident Command System
IEPR	Integrated Energy Policy Report
IIPP	Illness Prevention Program
in/sec	inches per second
IPaC	Information for Planning and Consultation
ITS	UC Santa Cruz Information Technology Services
Kresge project	Kresge College Renewal and Expansion Project
kV	kilovolts
Labs21	Laboratories for the 21st Century
LAFCO	Local Agency Formation Commission
LCP	Local Coastal Program
L <sub>dn</sub>	Day-Night Level
LEED	Leadership in Energy and Environmental Design
L <sub>eq</sub>	Equivalent Continuous Sound Level
LESA	land evaluation and site assessment
LEV	low-emission vehicle
LHAT	Laboratory Hazard Assessment Tool
LIDI	Low Impact Development Initiative
L <sub>max</sub>	Maximum Sound Level
LOSD	Live Oak School District
LRA	Local Responsibility Areas
LRDP	Long Range Development Plan
LSM	Laboratory Safety Manual
LSO	Laser Safety Officer
LUST	leaking underground storage tank
MACT	maximum achievable control technology
MBARD	Monterey Bay Air Resources District
MBEST	Monterey Bay Education, Science and Technology
MBR	membrane bioreactor
MBSST	Monterey Bay Sanctuary Scenic Trail
MBTA	Migratory Bird Treaty Act
MCL	maximum contaminant levels
MCM	Minimum Control Measures”
MEIR	maximally exposed individual resident
METRO	Santa Cruz Metropolitan Transit District
mgd	million gallons per day
MGY	million gallons per year

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MICR	maximum individual cancer risk
MLD	most likely to be descended
MMT	million metric tons
mPa	micro-Pascals
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MRZ	Mineral Resource Zone
MS4s	municipal separate storm sewer systems
MTP/SCS	metropolitan transportation plan/sustainable communities strategy
MW	megawatts
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCAB	North Central Coast Air Basin
NEHRP	National Earthquake Hazards Reduction Program
NESHAP	National Emission Standards for Hazardous Air Pollutants
NHPA	National Historic Preservation Act of 1966
NHTSA	National Highway Traffic Safety Administration
NIH	National Institutes of Health
NIMS	National Incident Management System
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPPA	The Native Plant Protection Act
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NWIC	Northwest Information Center
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OPR	Governor's Office of Planning and Research
OSFM	California Office of the State Fire Marshal
OSHA	Occupational Safety and Health Act
ozone	photochemical smog
PCB	polychlorinated biphenyls
PE	Physical Education and Recreation
PEA	Preliminary Endangerment Assessment
PG&E	Pacific Gas and Electric

PICA	Program in Community and Agroecology
PL	Protected Landscape
PM <sub>10</sub>	respirable particulate matter
PM <sub>2.5</sub>	fine particulate matter
PNC	particle number concentration
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PPE	personal protective equipment
PPV	peak particle velocity
PRC	Public Resources Code
RACM	Regulated Asbestos Containing Material
RCEM	Road Construction Emissions Model
RCRA	Resource Conservation and Recovery Act
rDNA	recombinant DNA
REL	reference exposure level
RMS	root-mean-square
ROG	reactive organic gases
RPS	Renewables Portfolio Standard
RRF	Resource Recovery Facility
RTC	Regional Transportation Commission
RTPA	regional transportation planning agency
RWQCB	regional water quality control board
SAFE Rule	Safer Affordable Fuel-Efficient Vehicle Rule
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District's
SCCS	Santa Cruz City Schools
SCFD	Santa Cruz Fire Department
SCMTD	Santa Cruz Metropolitan Transit District
SCPD	Santa Cruz Police Department
SCS	Soil Conservation Service
SCWD	Santa Cruz Water Department
SEMS	Standardized Emergency Management System
SFBAAB	San Francisco Bay Area Air Basin
SFHA	special flood hazard areas
SGMA	Sustainable Groundwater Management Act of 2014
SHW	Student Housing West
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO <sub>2</sub>	sulfur dioxide
	Soil Survey Geographic Database [SSURGO]
SOV	single-occupant vehicle
SPCC	Spill Prevention Control and Countermeasure
SPL	sound pressure level

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SPP	Sustainable Practices Policy
SR	State Route
SRA	State Responsibility Area
SRS	Site Research and Support
SUESD	Soquel Union Elementary School District
SVUSD	Scotts Valley Unified School District
SVWD	Scotts Valley Water District
SWPPP	Storm Water Pollution Prevention Plan
SWQCP	Stormwater Quality Control Plan
SWRCB	State Water Resources Control Board
TAC	Toxic air contaminants
T-BACT	best available control technology for toxics
TCP	Timberland Conversion Permit
TDM	transportation demand management
TELRL	tool to estimate load reductions
the Regents	Board of Regents of the University of California
THP	Timber Harvest Plan
TISG	Transportation Impact Study Guide
TMDL	total maximum daily load
TP	Timber Production
TPZ	Timberland Production Zones
TSM/TDM	transportation systems and demand management
UC	University of California
UC Santa Cruz	University of California, Santa Cruz
UC Santa Cruz EOP	Emergency Operations Plan
UC Santa Cruz or Campus	University of California, Santa Cruz
UC Santa Cruz PD	UC Santa Cruz Police Department
UC Santa Cruz SWMP	UC Santa Cruz Storm Water Management Plan
UCOP	UC Office of the President
UFP	Ultrafine particulate matter
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USDOT	United States Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USGBC	U.S. Green Building Council
USGS	U.S. Geological Survey
UST	underground storage tank
UWMP	urban water management plan
VdB	vibration decibels
VHFHSZ	Very High Fire Hazard Severity Zones

VMT	vehicle miles traveled
VOC	volatile organic compound
WAP	Water Action Plan
WDR	Waste Discharge Requirements
WG	Working Group on California Earthquake Probabilities
WHO	World Health Organization
WQO	water quality objectives
WRCC	Western Regional Climate Center
WUI	Wildland-Urban Interface
WWTP	Wastewater Treatment Plant
ZEV	Zero Emission Vehicles
ZNE	Zero Net Energy