Chapter Nine
ACRONYMS AND ABBREVIATIONS

AAE- Accredited Airport Executive (American Association of Airport Executives)
AB - Assembly Bill
AC - Advisory Circular
ACHP - Advisory Council on Historic Preservation
ACIP - Airport Capital Improvement Program
ACRP - Airport Cooperative Research Program
A.D. - anno Domini “in the year of the Lord”
ADG - Airplane Design Group
ADO - Airports District Office
ADT - average daily traffic
AEDT - Aviation Environmental Design Tool
AES - Aesthetics
AF - acre-feet
AFFF - aqueous film forming foam
AFY - acre feet per year
AGAI - Airport Ground Access Improvement Program
AGL - above ground level
AIA - Airport Influence Area
A.I.A. - American Institute of Architects certification
AICP- American Institute of Certified Planners
AIP - Airport Improvement Program
Airport - Monterey Regional Airport
ALP - Airport Layout Plan
ALUC - airport land use commission
ALUCP - Airport Land Use Compatibility Plan
AMBAG - Association of Monterey Bay Area Governments
AMP - Airport Master Plan
ANCA - Airport Noise and Capacity Act of 1990
AP - Alquist-Priolo
APUs - auxillary power units
AOA - airport operations area
AOC - Airport Operating Certificate
AOPA - Aircraft Owners and Pilots Association
AQ - Air Quality
AQMP - air quality management plan
ARC - Airport Reference Code
ARFF - aircraft rescue and firefighting
ARTCC - Air Route Traffic Control Center
ASHRAE - American Society of Heating, Refrigeration, and Air Conditioning Engineers
ASV - annual service volume
ATC - air traffic control
ATCT - air traffic control tower
ATSA - Aviation and Transportation Security Act
AvGas - aviation gasoline

B.A. - Bachelor of Arts
BAAQMD - Bay Area Air Quality Management District
Basin Plan - Water Quality Control Plan for the Central Coast Region
B.C. - before Christ
B.E. - Bachelor of Engineering
B.F.A. - Bachelor of Fine Arts
bgs - below ground surface
BIO - Biological Resources
BIT - biennial inspection of terminals
BOMA - Building Owners and Management Association
BMP - best management practices
BRSR - Biological Resources Survey Report
B.S. - Bachelor of Science

C - Celsius
CAA - Clean Air Act
CAAAQS - California Ambient Air Quality Standards
CAL FIRE - California Department of Forestry and Fire Protection
CalAm - California American Water
CalARP - California Accidental Release Prevention Program
CalEEEMod - California Emissions Estimator Model
CalGreen - California Green Building Standards Code
Cal/OSHA - California Division of Occupational Safety and Health
Caltrans - California Department of Transportation
CAP - Climate Action Plan
CAPCOA - California Air Pollution Control Officers Association
CARB - California Air Resources Board
CASP - California Aviation System Plan
CBSC - California Building Standards Code
CCAA - California Clean Air Act
CCD - Census County Division
CCR - California Code of Regulations
CDC - California Department of Conservation
CDFW - California Department of Fish and Wildlife
CEC - California Energy Commission
CEQ - President’s Council on Environmental Quality
CEQA - *California Environmental Quality Act*
CERCLA - *Comprehensive Environmental Response, Compensation, Liability Act*
CERS - California Environmental Reporting System
CESA - *California Endangered Species Act*
CFC - chlorofluorocarbon
CFGC - California Fish and Game Code
CFR - Code of Federal Regulations
cfs - cubic feet per second
CH₄ - methane
CHOMP - Community Hospital of the Monterey Peninsula
CHP - California Highway Patrol
CHRIS - California Historical Resources Information System
CHSC - California Health and Safety Code
CLUP - comprehensive land use plan
CM – Certified Member (American Association of Airport Executives)
CNNDDB - *California Natural Diversity Data Base*
CNRA - California Natural Resources Agency
CNEL - Community Noise Equivalent Level
CNG - compressed natural gas
CNPS - California Native Plant Society
CO - carbon monoxide
CO₂ - carbon dioxide
CO₂ₑ - carbon dioxide equivalent
COG - council of governments
C/OS - Conservation/Open Space
CONA - Casanova Oak Knoll Neighborhood Association
CONA Neighborhood Plan - *Casanova-Oak Knoll Neighborhood Plan*
county - County of Monterey or Monterey County
CPUC – California Public Utilities Commission
CRF - California red-legged frog
CRHR - California Register of Historical Resources
CSLB - Contractors State License Board
CSPP - construction safety and phasing plan
CTC - California Transportation Commission
CTS - California tiger salamander
CUL - Cultural Resources
CUPA - California Unified Program Administration
CWA - *Clean Water Act*
cy - cubic yard(s)
dB - decibel
dBA - A-weighted decibels
DLIFLC - Defense Language Institute Foreign Language Center
DNL - day-night average sound level (also referred to as L_{dn})
DOT - Department of Transportation
DPIC - Design Professional Insurance Company
DPM - diesel particulate matter
DTSC - Department of Toxic Substances Control
DTW - depth to water
DWR - Department of Water Resources

EA - environmental assessment
EAP - Energy Action Plan
EB - eastbound
ECHED - energy-efficient induction
EIR - Experience Exchange Report
EIR - Environmental Impact Report
EIR Traffic Study - Traffic Impact Analysis Report for the Monterey Regional Airport’s Proposed Master Plan and Associated Development Projects, Monterey County, California
E.I.T – Engineer in Training Certification
EJSCREEN - U.S. EPA’s Environmental Justice Screening
EMAS - engineered arresting materials system
ENV SP – Envision Sustainability Professional
EO - Executive Order
EPA - Environmental Protection Agency
EPCA - Energy Policy and Conservation Act of 1975
EV - electric vehicle

FAA - Federal Aviation Administration
FAST - Fixing America’s Surface Transportation Act
FBO - fixed base operator
F.D.E.S. - Festo do Divino Espírito Santo Portuguese Hall
FEMA - Federal Emergency Management Agency
FESA - Federal Endangered Species Act
FHWA - Federal Highway Administration
FICON - Federal Interagency Committee on Noise
FMMP - Farmland Mapping and Monitoring Program
FNMOC - U.S. Navy’s Fleet Numerical Meteorology and Oceanography Center
FOD - foreign object debris
FPPA - Farmland Protection Policy Act
FR - Federal Register
FTA - Federal Transit Administration
GA - general aviation
gal - gallon
GAO - U.S. Government Accountability Office
G.E. – Geotechnical Engineer
GEM - Global Executive - Jet Maintenance
GEO - Geology and Soils
ghg - greenhouse gas
GHG - Greenhouse Gas Emissions
Giggatonne - million metric tons (also see MMT)
GIS - Geospatial Information System or Geographic Information System
gpd - gallons per day
gpf - gallons per flush
gpm - gallons per minute
GPS - Global Positioning System
GSA - groundwater sustainability agency
GSP - groundwater sustainability plan
GSE - ground support equipment
GWP - global warming potential

H₂O - water vapor
HAP - hazardous air pollutant
HAZ - Hazardous and Hazardous Materials
HCA - habitat conservation area
HCEP - habitat conservation and enhancement plan
HCM - Highway Capacity Manual
HCP - habitat conservation plan
HFCs - hydrofluorocarbons
HI - hazard index
HMP - habitat management plan
HP - horsepower
HRA - health risk assessment
HRS - Hazard Ranking System
HUD - U.S. Department of Housing and Urban Development
HVAC - heating, ventilation, and air conditioning
HWCL - California Hazardous Waste Control Law
HYD - Hydrology and Water Quality

IATA - International Air Transport Association
IADZ - Inner Approach/Departure Zone
ICAO - International Civil Aviation Organization
IGP - Industrial General Permit
ILS - Instrument Landing System
Inc. - incorporated
INCE (Bd. Cert.) – Institute of Noise Control Engineering Certification (Board Certified)
IPaC - USFWS Information, Planning, and Conservation System
I-R-130-D2 - Industrial, Administration, Research District – 130,000 sf minimum – Development Control Overlay District
IRWM - California Integrated Regional Water Management
ITE - Institute of Transportation Engineers
ITZ - Inner Turning Zone

Jet A - jet fuel
JPA - Joint Powers Authority

k-12 - kindergarten through grade twelve
kBtu - British thermal units
KHA - Kimley-Horn Associates, Inc.
kV - kilovolt(s)
KVA - kilovolt-ampere
kW - kilowatt
kWh - kilowatt hour

LCP - local coastal planning
LDA - Landing Distance Available
LED - light-emitting diode
LEED - Leadership in Energy and Environmental Design
LEED AP - Leadership in Energy and Environmental Design Accredited Professional
LEED AP BC+D - Leadership in Energy and Environmental Design Accredited Professional (Building Design + Construction)
Leq - equivalent sound level or time-average sound level
lf - linear foot (feet)
Lmax - The highest value measured by the sound level meter over a given period of time
LOC/DME - localizer/distance measuring equipment
LOS - level of service
LSAT - land surface air temperature
LSE - load serving entities
LU - Land Use and Planning

M.A. - Master of Arts
MALSR - medium intensity approach lighting system with runway alignment indicator lights
MAP-21 - Moving Ahead for Progress in the 21st Century Act
MBARD - Monterey Bay Air Resources Board
MBTA - Migratory Bird Treaty Act
MBUAPCD - Monterey Bay Unified Air Pollution Control District
mgd - million gallons per day
µm – micrometers
MLD - Most Likely Descendant
mm - mitigation measure
MMRP - mitigation, monitoring and reporting program
MMT - million metric tons (also see gigatonne)
MOU - Memorandum of Understanding
M1W - Monterey One Water
MPAD - Monterey Peninsula Airport District
mpg - miles per gallon
mph - miles per hour
MPL - Monterey Peninsula Landfill
MPO - metropolitan planning organization
MPWMD - Monterey Peninsula Water Management District
MRWMD - Monterey Regional Waste Management District
MRWPCA - Monterey Regional Water Pollution Control Agency
M.S. - Master of Science
MSL - mean sea level
MS4 - municipal separate storm sewer system
MST - Monterey-Salinas Transit
MT - metric tons
MTP/SCS - metropolitan transportation plan/sustainable communities strategy

N/A - not applicable
NAAQS - National Ambient Air Quality Standards
NAHC - Native American Heritage Commission
NALs - numeric action levels
NAS - National Airspace System
NBAA - National Business Aviation Association
NCCAB - North Central Coast Air Basin
NCCPs - natural community conservation plans
NEPA - National Environmental Policy Act
NESHAP - National Emission Standards for Hazardous Air Pollutants
NFPA - National Fire Protection Association
NHPA - National Historic Preservation Act
NIMS - National Incident Management System
N/I - no information available
No. - number
NO - nitric oxide
NOI - Noise
N2O - nitrous oxides
NOx - oxides of nitrogen
NO2 - nitrogen dioxide
NOP - Notice of Preparation
NPDES - National Pollutant Discharge Elimination System
NPIAS - National Plan of Integrated Airport Systems
NPPA - California Native Plant Protection Act of 1977
NPS – National Park Service
NRCS - Natural Resources Conservation Service
NRHP - National Register of Historic Places
NSA - Naval Support Activity
NWIC - Northwest Information Center
NWS - Naval Weapons Station

O₃ - ozone
OADZ - Outer Approach/Departure Zone
OCEN - Ohlone/Costanoan-Eselen Nation
OE/AAA - Obstruction Evaluation/Airport Airspace Analysis
OEHHA - Office of Environmental Health Hazard Assessment
OFA - object free area
OPR - Office of Planning and Research
OSHA - Occupational Safety and Health Administration

PAC - planning advisory committee
PAFI - Piston Aviation Fuels Initiative
PAPI - precision approach path indicators
Part 77 - Code of Federal Regulations, Title 14, Part 77
Pb - lead
PCC - Portland concrete cement
PCE - passenger car equivalent
PCL - pilot-controlled lighting
P.E. – Professional Engineer
PFCs - perfluorcarbons
PG&E - Pacific Gas and Electric Company
pH - potential of hydrogen
PhD - Doctor of Philosophy
PI test - Plasticity index
PM - particulate matter
PMP – Project Management Professional
POC - point of confluence
POST - Peace Officers Standards and Training
POTW - publicly owned treatment works
PPV - peak particle velocity
PRC - Public Resources Code
PS - Public Services
psi - pounds per square inch
PTSF - percent time spent following
PUC - Public Utilities Code
PVC - polyvinyl chloride
Qar - Aromas sand
Qoa - Dissected older alluvium
Qos - Older stabilized dune and draft sand
QTA - Quick Turnaround Car Facility

RCNM - Roadway Construction Noise Model
RCRA - Resource Conservation Recovery Act of 1976
RDC - Runway Design Code
REIL - runway end identifier lights
RMA - Resource Management Agency
RNAV - Area Navigation
RNP - Required Navigation Performance
RON - remain overnight
RPA - Registered Professional Archaeologist
RPF - Registered Professional Forester
RPS - renewable portfolio standard
RPZ - runway protection zone
rr - regulatory requirement
RSA - runway safety area
RSA Project - Runway Safety Area Improvement project
RSIP - Residential Sound Insulation Program
RTDM - regional travel demand model
RTOR - right turns on red
RTP - regional transportation plan
RTPA - regional transportation planning agency
RV - recreational vehicle
RWMG - Regional Water Management Group
RWQCB - Regional Water Quality Control Board

SAF Plan - Safe Alternatives Fuel Plan
SB - Senate Bill
SCREEN3 - U.S. EPA screening model
SCH - State Clearinghouse
Scoping Plan - California’s 2017 Climate Change Scoping Plan: The Strategy for Achieving California’s 2030 Greenhouse Gas Target
SCS - sustainable communities strategy
SDWA - Safe Drinking Water Act
sf - square foot (feet)
SF6 - sulfur hexafluoride
SGMA - Sustainable Groundwater Management Act
SHMA - Seismic Hazards Mapping Act of 1990
SHPO - State Office of Historic Preservation or State Historic Preservation Officer
SIPs - State Implementation Plans
SLOAPCD - San Luis Obispo Air Pollution Control District
SMART - Storm Water Multiple Application and Report
SOx - oxides of sulfur
SO2 - sulfur dioxide
SPCC - spill prevention, control and countermeasure
SPCD - safety plan compliance document
STLC - soluble threshold limit concentrations
SVP - Society of Vertebrate Paleontology
SWCA - SWCA Environmental Consultants, Inc.
SWRCB - State Water Resources Control Board
SWPPP - storm water pollution prevention plan
sy - square yard(s)
SZ - Sideline Zone

TAC - toxic air contaminant
TAF - Terminal Area Forecast
TAMC - Transportation Agency for Monterey County
TDG - Taxiway Design Group
TDM - transportation demand management
TDML - total maximum daily load
TE – Traffic Engineer
TIA - Traffic Impact Analysis
TIRE - Traffic Infusion on Residential Environment
TNC - transportation network company
TNM - Traffic Noise Model
TOD - transit-oriented development
TPZ - Traffic Pattern Zone
TR - Transportation/Traffic
TRIB - Tribal Cultural Resources
TSA - Transportation Security Administration
TSR - TSA Security Requirements

UCMP - University of California Museum of Paleontology
U.S. - United States
U.S. EPA - United States Environmental Protection Agency
USACE - United States Army Corps of Engineers
USC - United States Code
USDA - United States Department of Agriculture
USFWS - United States Fish and Wildlife Service
USGBC - United States Green Building Council
USGS - United States Geological Survey
UTIL - Utilities and Service Systems

VMT - vehicle miles traveled
VOCs - volatile organic compounds
WB - westbound
WDR - waste discharge restriction
WHA - wildlife hazard assessment
WHMP - wildlife hazard management plan
WOTUS - Waters of the United States
This page intentionally left blank