

LIST OF ACRONYMS

AB	Assembly Bill
af	acre feet
afy	acre-feet per year
Air Basin	North Central Coast Air Basin
AMBAG	Association of Monterey Bay Area Governments
amsl	above mean sea level
APE	Area of Potential Effects
AQMP	Air Quality Management Plans
ARDTP	Archaeological Research Design and Treatment Plan
ASA	Archaeologically Sensitive Areas
ASBS	Areas of Special Biological Significance
ASCE	American Society of Civil Engineers
ASR	aquifer storage and recovery
AST	aboveground storage tanks
AWWA	American Water Works Association
BLM	Bureau of Land Management
BMP	best management practices
bsg	below the ground surface
CAA	federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAD	Computer Automated Design
Cal/OSHA	California Division of Occupational Safety and Health
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Project Agency
CalAm	California American Water Company (Applicant)
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAWD	Carmel Area Wastewater District
CBC	California Building Code
CCA	Critical Coastal Areas
CCAA	California Clean Air Act
CCAMP	Central Coast Ambient Monitoring Program
CCC	California Coastal Commission
CCLEAN	Central Coast Long-term Environmental Assessment Network
CCoWS	Central Coast Watershed Studies
CCRWQCB	Central Coast Regional Water Quality Control Board
CCSD	Castroville Community Services District
CDC	California Department of Conservation
CDFW	California Department of Fish and Wildlife
CDHS	California Department of Health Services
CDMG	California Division of Mines and Geology
CDO	Cease and Desist Order
CDP	Coastal Development Permit
CDPH	California Department of Public Health
CDPR	California Department of Parks and Recreation
CEC	California Energy Commission

CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGP	Construction General Permit
CGS	California Geological Survey
CH ₄	methane
CHHSLs	California Human Health Screening Levels
CIWMB	California Integrated Waste Management Board
CIWR	Center for Integrated Water Research
CNDBB	California Natural Diversity Data Base
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO _{2e}	CO ₂ -equivalent
COCs	contaminants of concern
COG	Council of Governments
CPCN	Certificate of Public Convenience and Necessity
CPUC	California Public Utilities Commission
CRDRP	Carmel River Dam and Reservoir Project
CRHR	California Register of Historical Resources
CSIP	Castroville Seawater Intrusion Project
CTR	California Toxics Rule
CUPA	Certified Unified Program Agency
CVFP	Carmel Valley Filter Plant
CVSIM	Carmel Valley Simulation Model
CWA	Clean Water Act
CWP	Coastal Water Project
CZARA	Coastal Zone Act Reauthorization Amendments
CZMA	Coastal Zone Management Act
dB	decibels
dBA	A-weighted decibels
DBP	disinfection by-products
DDT	dichloro-diphenyl-trichloroethane
DNL	day-night average sound level
DO	dissolved oxygen
DOGGR	Department of Conservation, Division of Oil, Gas, and Geothermal Resources
DPS	Distinct Population Segment
DRA	Division of Ratepayer Advocates
DSOD	California Division of Safety of Dams
DTSC	California Department of Toxic Substances Control
DWR	Department of Water Resources
EDR	Environmental Data Resources
EFH	Essential Fish Habitat
EFM	enhanced flux maintenance
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
ESA	Endangered Species Act
ESCA	Environmental Services Cooperative Agreement
ESHA	environmentally sensitive habitat area
ESL	Environmental Screening Level

ETo	evapotranspiration
°F	Fahrenheit
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FIRMs	Flood Insurance Rate Maps
FMMP	Farmland Mapping and Monitoring Program
FORA	Fort Ord Reuse Authority
FOSET	Findings of Suitability for Early Transfer
ft	feet
GAC	granular activated carbon
GHG	greenhouse gases
gpm	gallons per minute
GRRP	Groundwater Recharge Reuse Project
GWR	Groundwater Replenishment Project
H ₂ O	Help to Others
HAA	haloacetic acid
HCP	Habitat Conservation Plan
HDD	horizontal directional drilling
HDPE	High-density polyethylene
HFC	hydrofluorocarbons
HMBP	Hazardous Materials Business Plan
HMMP	Habitat Mitigation and Monitoring Plan
HMP	Habitat Management Plan
hp	horsepower
HWG	Hydrogeology Working Group
Hz	hertz
ID	internal diameter
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IWG	Interagency Working Group on Environmental Justice
kW	kilowatt
kWh	kilowatt-hour
L _{eq}	energy-equivalent sound level
L _{max}	instantaneous maximum noise level
lbs/yr	pounds per year
LCP	Local Coastal Program
LDA	Lower Dunes Area
LF	linear feet
LFGTE	landfill-gas-to-energy
LID	Low Impact Design
LOS	level of service
LSI	Langlier Saturation Index
LUP/LCP	Land Use Plan/Local Coastal Program
LUP	linear underground projects
LUST	leaking underground storage tank
MBNMS	Monterey Bay National Marine Sanctuary
MBTA	Migratory Bird Treaty Act
MBUAPCD	Monterey Bay Unified Air Pollution Control District
mcf	million cubic feet
MCEHD	Monterey County Health Department, Environmental Health Division
MCWD	Marina Coast Water District
MCWRA	Monterey County Water Resources Agency

MDD	maximum day demand
MEC	munitions and explosives of concern
MF	microfiltration
mg	million gallons
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mgd	million gallons per day
MGP	manufactured gas plant
MLML	Moss Landing Marine Labs
MLLW	mean lower low water
MMPA	Marine Mammals Protection Act
MPO	Metropolitan Planning Organization
MPWMD	Monterey Peninsula Water Management District
MPWSP	Monterey Peninsula Water Supply Project or proposed project
MOA	Memorandum of Agreement
MRA	Munitions Response Area
MRS	Munitions Response Site
MRSWMP	Monterey Regional Stormwater Management Program
MRWPCA	Monterey Regional Water Pollution Control Agency
MRZ	mineral resource zone
MS4	small municipal separate storm sewer system
MSA	Magnuson-Stevens Fishery Conservation and Management Act
msl	mean sea level
MST	Monterey-Salinas Transit
MURP	Modern Urban Runoff Program
MW	megawatts
Mw	moment magnitude
MWh	megawatt hours
Mya	million years ago
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Protection Act
NLP	New Los Padres
NMFS	National Marine Fisheries Service
NMGWM	North Marina Groundwater Model
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NOAA	National Oceanic and Atmospheric Association
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NPPA	California Native Plant Protection Act
NPS	nonpoint source
NRHP	National Register of Historic Places
NRMA	Natural Resource Management Area
NRMCP	National Refractories and Minerals Corporation Plant
NTU	nephelometric turbidity unit
NWI	National Wetland Inventory
NWIC	Northwest Information Center
O ₃	ozone
OES	Office of Emergency Services
OEHHA	Office of Environmental Health Hazard Assessment
OHP	Office of Historic Preservation
OSHA	Occupational Safety and Health Administration

OTC	once-through cooling
OU	operable unit
PAHs	polynuclear aromatic hydrocarbons
PBCSD	Pebble Beach Community Services District
PCBs	polychlorinated biphenyls
PCE	tetrachloroethylene
PFCs	perfluorocarbons
PGA	peak ground acceleration
PG&E	Pacific Gas and Electric
PGLWP	Pacific Grove Local Water Project
PHD	peak hour demand
PM _{2.5}	fine particulate matter less than 2.5 microns
PM ₁₀	particulate matter equal to or less than 10 microns
POTW	publicly owned treatment works
ppt	parts per thousand
PPV	Peak Particle Velocity
PRC	Public Resources Code
PRD	permit registration documents
PSHA	probabilistic seismic hazard assessment
psi	pounds per square inch
PSMCSD	Pajaro/Sunny Mesa Community Services District
psu	practical salinity units
RMS	root mean square
RNMGM	Refined North Marina Groundwater Model
RO	reverse osmosis
ROGs	reactive organic gases
ROMS	Regional Ocean Modeling System
ROW	right-of-way
RPS	Renewables Portfolio Standard
RPMP	Real Property Master Plan
RUWAP	Regional Urban Water Augmentation Project
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SBD	ship-based desalination
SCA	special case areas
SCAQMD	South Coast Air Quality Management District
SCCWRP	Southern California Coastal Water Research Project
SCDRCR	San Clemente Dam Removal and Carmel River Reroute project
SCV	seawater conversion vessel
SDC	seismic design category
SEA	semi-empirical analysis
SEA	Monterey Regional Storm Water & Education Alliance
SF ₆	sulfur hexafluoride
SGWB	Seaside Groundwater Basin
SHPO	California State Historic Preservation Office
SIPs	State Implementation Plans
SMARA	Surface Mining and Reclamation Act
SMGB	State Mining and Geology Board
SO ₂	sulfur dioxide
SRDF	Salinas River Diversion Facility
SRF	State Revolving Fund
SVA	Salinas Valley Aquitard
SVGB	Salinas Valley Groundwater Basin

SVIGSM	Salinas Valley Integrated Groundwater and Surface Water Model
SVP	Society of Vertebrate Paleontology
SVRP	Salinas Valley Reclamation Project
SVWP	Salinas Valley Water Project
SWANCC	Solid Waste Agency of Northern Cook County
SWCA	SWCA Environmental Consultants
SWMP	stormwater management plan
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	California State Water Resources Control Board
SWTP	surface water treatment plant
µg/L	micrograms per liter
TAC	toxic air contaminants
TAMC	Transportation Agency for Monterey County
TCE	trichloroethene
TCR	The Climate Registry
TDS	total dissolved solids
tdh	total dynamic head
THM	trihalomethane
TMB	tunnel boring machines
TMDL	total maximum daily load
TOC	total organic carbons
TPH	total petroleum hydrocarbons
UCMP	University of California Museum of Paleontology
UPRR	Union Pacific Railroad
U.S. Army	United States Army
USACE	United States Army Corps of Engineers
USEPA	United State Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geologic Survey
UST	underground storage tank
UV	ultraviolet light
UWMP	Urban Water Management Plan
UXO	unexploded ordnance
VCA	Voluntary Cleanup Agreement
VdB	vibration decibels
VOC	volatile organic compounds
VP	visual plume
WDRs	Waste Discharge Requirements
WFMCC	Water for Monterey County Coalition
WMMP	Wetland Mitigation and Monitoring Plan
WY	water year
ya	years ago
ZID	zone of initial dilution