

Acronyms and Abbreviations

°C	degree(s) Celsius
°F	degree(s) Fahrenheit
µg/L	microgram(s) per liter
µS/cm	microSiemens per centimeter
AB	Assembly Bill
AEM	airborne electromagnetic
AFY	acre-feet per year
ASR	aquifer storage and recovery
Basin	Petaluma groundwater basin
BCM	basin characterization model
BFI	baseflow index
bls	below land surface
BMP	best management practice
CASGEM	California Statewide Groundwater Elevation Monitoring
CBI	Consensus Building Institute
CCR	California Code of Regulations
CCTAG	Climate Change Technical Advisory Group
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
cfs	cubic foot(feet) per second
CGS	California Geological Survey
CII	commercial, industrial, and institutional
CIMIS	California Irrigation Management Information system
COC	constituent of concern
CoCoRaHS	Community Collaborative Rain, Hail and Snow Network
County	Sonoma County
CWC	California Water Code
DAC	Disadvantaged Community

DDW	State Water Resources Control Board, Division of Drinking Water
DHS	Department of Health Services
DTW	depth-to-groundwater
DWR	California Department of Water Resources
EC	electrical conductivity
EIR	Environmental Impact Report (under CEQA)
EPA	U.S. Environmental Protection Agency
ET	evapotranspiration
ft/d	foot(feet) per day
ft/yr	foot(feet) per year
GAMA	Groundwater Ambient Monitoring and Assessment Program
GCM	general circulation model
GDE	groundwater dependent ecosystem
gpd/ft	gallon(s) per day per foot
Gpm	gallon(s) per minute
GPS	global positioning system
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GWL	groundwater level
HCM	hydrogeologic conceptual model
InSAR	Interferometric Synthetic Aperture Radar
IRWMP	Integrated Regional Water Management Program
JPA	Joint Exercise of Powers Agreement
km	kilometer(s)
LAFCO	Local Agency Formation Commission
LF	linear foot(feet)
LiDAR	Light Detection and Ranging
M&I	municipal and industrial
MCL	maximum contaminant level
mg/L	milligram(s) per liter

MO	measurable objective
MRP	Monitoring and Reporting Program
msl	mean sea level
MT	minimum threshold
NA	not applicable
NAVD88	North American Vertical Datum of 1988
NBWD	North Bay Water District
NGVD29	National Geodetic Vertical Datum of 1929
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NWIS	National Water Information System
PBO	Plate Boundary Observatory
PRISM	Parameter-elevation Regressions on Independent Slopes Model
RCD	Resource Conservation District
RCP	Representative Concentration Pathway
Regional Boards	Regional Water Quality Control Boards
RMP	representative monitoring point
SB	Senate Bill
SC	specific conductance
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
SGMA	Sustainable Groundwater Management Act
SMC	sustainable management criteria
SMCL	secondary maximum contaminant level
SNMP	Salt and Nutrient Management Plan
SSURGO	Soil Survey Geographic Database
SVCSD	Sonoma Valley County Sanitation District
SVGMP	Sonoma Valley Groundwater Management Program
SVIGFM V2	Sonoma Valley Integrated Groundwater Flow Model Version 2
SWRCB	State Water Resources Control Board

SWRP	Stormwater Resources Plan
TDS	total dissolved solids
TNC	The Nature Conservancy
UNAVCO	University NAVSTAR Consortium
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
UWMP	Urban Water Management Plan
VOMWD	Valley of the Moon Water District
WY	water year