

## Groundwater Sustainability Plan

### 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
AFY	acre-feet per year
AG	agricultural
amsl	above mean sea level
asl	above sea level
ASR	Aquifer Storage and Recovery
AWIA	America's Water Infrastructure Act
BAP	basin advisory panel
BCM	basin characterization model
BCMv65	Basin Characterization Model (BCM) Version 65
BFI	baseflow index
bgs	below ground surface
bls	below land surface
BMP	best management practice
Boundary Network	Subbasin Boundary Groundwater-Level Monitoring Network
CaCl <sub>2</sub>	calcium
CASGEM	California Statewide Groundwater Elevation Monitoring
CBI	Consensus Building Institute
CCR	California Code of Regulations
CCTAG	Climate Change Technical Advisory Group
CDMG	California Division of Mines And Geology
CDPH	California Department of Public Health
CEQA	California Environmental Quality Act
CFS	cubic feet per second
CGS	California Geologic Survey
CII	commercial, industrial, and institutional
CIMIS	California Irrigation Monitoring Information System
CMIP5	Coupled Model Intercomparison Project 5
COC	constituent of concern
CoCoRaHS	Community Collaborative Rain, Hail and Snow Network
CUWCC	California Urban Water Conservation Council
CWC	California Water Code
DAC	Disadvantaged Communities
DDW	Division of Drinking Water
DTSC	California Department of Toxic Substances Control
DTW	depth-to-groundwater
DWR	California Department of Water Resources
e.g.	for example
EC	electrical conductivity

EPA	U.S. Environmental Protection Agency
ET use $ET_0$ when referring to evapotranspiration of a specific reference crop such as turf grass	evapotranspiration
eWRIMS	Electronic Water Rights Information Management System
ft/d	foot/feet per day
ft <sup>2</sup> /d	square feet per day
ft/yr	foot/feet per year
GAMA	Groundwater Ambient Monitoring and Assessment
GCM	global circulation model
GDE	groundwater dependent ecosystems
GEI et al.	GEI Consultants, Inc., Pueblo Water Resources, and Parker Groundwater
GHB	General Head Boundary
GHD	GHD Inc.
GHG	greenhouse gas
GMP	groundwater management program
GMWL	global meteoric water line
gpd/ft	gallons per day per foot
gpm	gallons per minute
gpm/ft	gallons per minute per foot
GPS	global positioning system
Groundwater-level RMP Network	RMP Network for the Chronic Lowering of Groundwater Levels
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GSP Implementation Network	Groundwater-level Monitoring Network for GSP Implementation
GSP Regulations	GSP Emergency Regulations
GWL	groundwater level
HCM	hydrogeologic conceptual model
HCO <sub>3</sub>	bicarbonate
HUC	Hydrologic Unit Code
i.e.	that is
InSAR	Interferometric Synthetic-Aperture Radar
IRWMP	Integrated Regional Water Management Plan
ISW	interconnected surface water
JPA	Joint Exercise of Powers Agreement
KCl	potassium
km	kilometer(s)
LAFCO	Local Agency Formation Commission
LiDAR	Light Detection and Ranging
LSCE	Luhdorff & Scalmanini Consulting Engineers
M&I	municipal and industrial

MCL	maximum contaminant level
mg/L	milligrams per liter
MO	measurable objective
msl	mean sea level
MRP	Monitoring and Reporting Program
MT	minimum threshold
MWEL0	Model Water Efficient Landscape Ordinance
NA	not applicable
NaCL	sodium
NAVD88	North American Vertical Datum of 1988
NBWD	North Bay Water District
NCDC	National Climatic Data Center
NCRP	North Coast Resource Partnership
NCRWQCB	Regional Water Quality Control Board
NGVD	National Geodetic Vertical Datum of 1929
NO3	nitrate
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NWIS	National Water Information System
OSWCR	Online System for Well Completion Reports
PAYS	pay as you save
PBO	Plate Boundary Observatory
PRISM	Parameter-elevation Regressions on Independent Slopes Model
PV	Petaluma Valley
PVIHM	Petaluma Valley Integrated Groundwater Flow Model
RCD	Resource Conservation District
RCP	Representative Concentration Pathway
RMC	RMC and Todd Engineers
RMP	representative monitoring point
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SC	specific conductance
SCTA	Sonoma County Transportation Authority
SDC	Sonoma Developmental Center
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
SFEI	San Francisco Estuary Institute
SGMA	Sustainable Groundwater Management Act
SMC	Sustainable Management Criteria
SMCL	secondary maximum contaminant level
SNMP	Salt and Nutrient Management Plan
SRP	Santa Rosa Plain
SRPHM	Santa Rosa Plain Hydrologic Model
SSURGO	Soil Survey Geographic Database
SVCSD	Sonoma Valley County Sanitation District
SVGMP	Sonoma Valley Groundwater Management Plan

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
WDL	Water Data Library
WDR	General Waste Discharge Requirement
WRE	water resource element
WRCC	Western Regional Climate Center
WY	water year