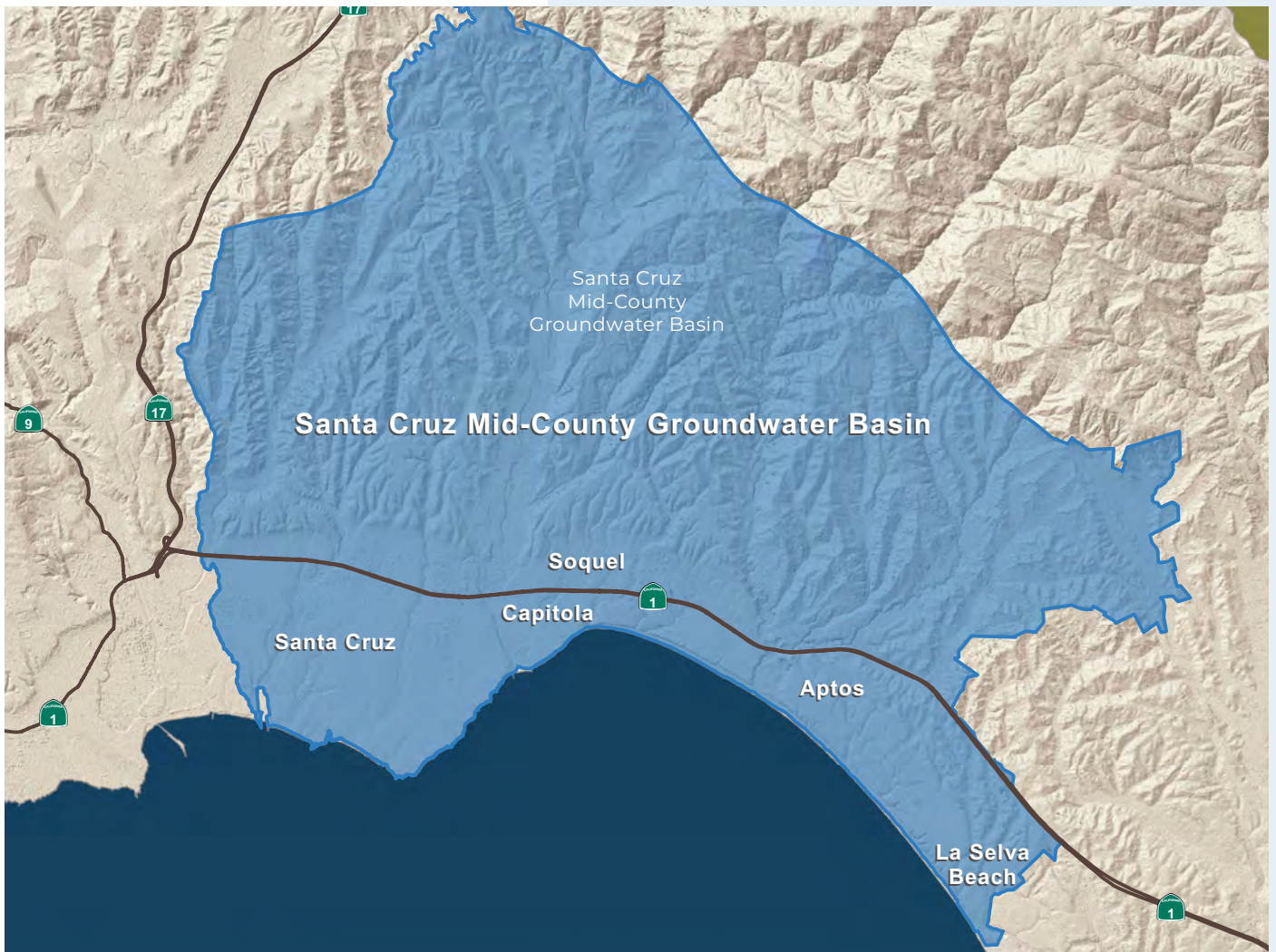




# Santa Cruz Mid-County Groundwater Basin GROUNDWATER SUSTAINABILITY PLAN

Draft Report for Public Review

July 2019

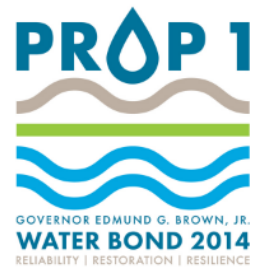


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## ACKNOWLEDGEMENTS



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### SANTA CRUZ MID-COUNTY GROUNDWATER AGENCY BOARD MEMBERS

Curt Abramson	Jon Kennedy	Robert Marani, CWD Director
David Baskin	Jim Kerr	Cynthia Mathews, Councilmember
Dr. Bruce Daniels	Dr. Tom LaHue, SqCWD Director	Marco Romanini, CWD Director
Supervisor Zach Friend	Supervisor John Leopold	

### GROUNDWATER SUSTAINABILITY PLAN ADVISORY COMMITTEE MEMBERS

Kate Anderton	Dr. Bruce Jaffe, SqCWD Director	Charlie Rous
John Bargetto	Dana Katofsky McCarthy	Allyson Violante
David Baskin	Jon Kennedy	Thomas Wyner
Rich Casale	Jonathan Lear	
Keith Gudger	Marco Romanini, CWD Director	

### MEMBER AGENCY STAFF

Soquel Creek Water District	General Manager Ron Duncan and staff
City of Santa Cruz Water Department	Director Rosemary Menard and staff
County of Santa Cruz Water Resources	Director John Ricker, Sierra Ryan and staff
Central Water District	District Manager Ralph Bracamonte

### PLANNING, TECHNICAL, & FACILITATION SUPPORT

Regional Water Management Foundation: Tim Carson, Darcy Pruitt, Laura Partch  
Montgomery & Associates: Georgina King; Cameron Tana, Derrik Williams  
Kearns & West: Eric Poncelet, Cici Vu



## ACKNOWLEDGEMENTS

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### SURFACE WATER WORKING GROUP PARTICIPATING ORGANIZATIONS

- California Department of Fish and Wildlife
- California Department of Water Resources (DWR)
- City of Santa Cruz
- Environmental Defense Fund (EDF)
- Friends of Soquel Creek
- GSP Advisory Committee
- The Nature Conservancy (TNC)
- National Marine Fisheries Service (NMFS, formerly NOAA Fisheries)
- Pajaro Valley Water Management Agency (PV Water)
- Resource Conservation District SCC (RCD)
- Santa Cruz County
- Regional Water Management Foundation
- US Fish and Wildlife Service

*Thank you to the community members that attended and participated in the public meetings, information sessions, and the various events for their input which helped to inform the development of this Plan.*



## ACRONYMS

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µg/L	.....	microgram per liter
AFY	.....	acre-feet per year
AMBAG	.....	Association of Monterey Bay Area Governments
amsl	.....	above mean sea level
Basin	.....	Santa Cruz Mid-County Groundwater Basin
bgs	.....	below ground surface
BMP	.....	Best Management Practices
cfs	.....	cubic feet per second
CCA	.....	California Coastal Act
CDP	.....	Coastal Development Permit
CEC	.....	Constituent of Emerging Concern
CEQA	.....	California Environmental Quality Act
CESA	.....	California Endangered Species Act
CGS	.....	California Geological Survey
CUPA	.....	Certified Unified Program Agency
CNDDDB	.....	California Natural Diversity Database
County	.....	Santa Cruz County
CWD	.....	Central Water District
DWR	.....	California Department of Water Resources
EIR	.....	Environmental Impact Report (under CEQA)
EIS	.....	Environmental Impact Study (under NEPA)
EPA	.....	U.S. Environmental Protection Agency
ESA	.....	Endangered Species Act
ft/d	.....	feet per day
ft/yr	.....	feet per year
ft <sup>2</sup> /d	.....	square feet per day
GIS	.....	geographic information systems
gpd/ft	.....	gallons per day per foot
gpm	.....	gallons per minute
GPS	.....	global positioning system
GSP	.....	Groundwater Sustainability Plan
MGA	.....	Santa Cruz Mid-County Groundwater Agency
MGA Model	.....	MGA integrated groundwater surface water model
mg/L	.....	milligrams per liter
NEPA	.....	National Environmental Policy Act
°C	.....	degrees Celsius
°F	.....	degrees Fahrenheit
PET	.....	potential evapotranspiration
QA/QC	.....	quality assurance / quality control
SCWD	.....	City of Santa Cruz Water Department
SqCWD	.....	Soquel Creek Water District
TDS	.....	total dissolved solids
USGS	.....	U.S. Geological Survey