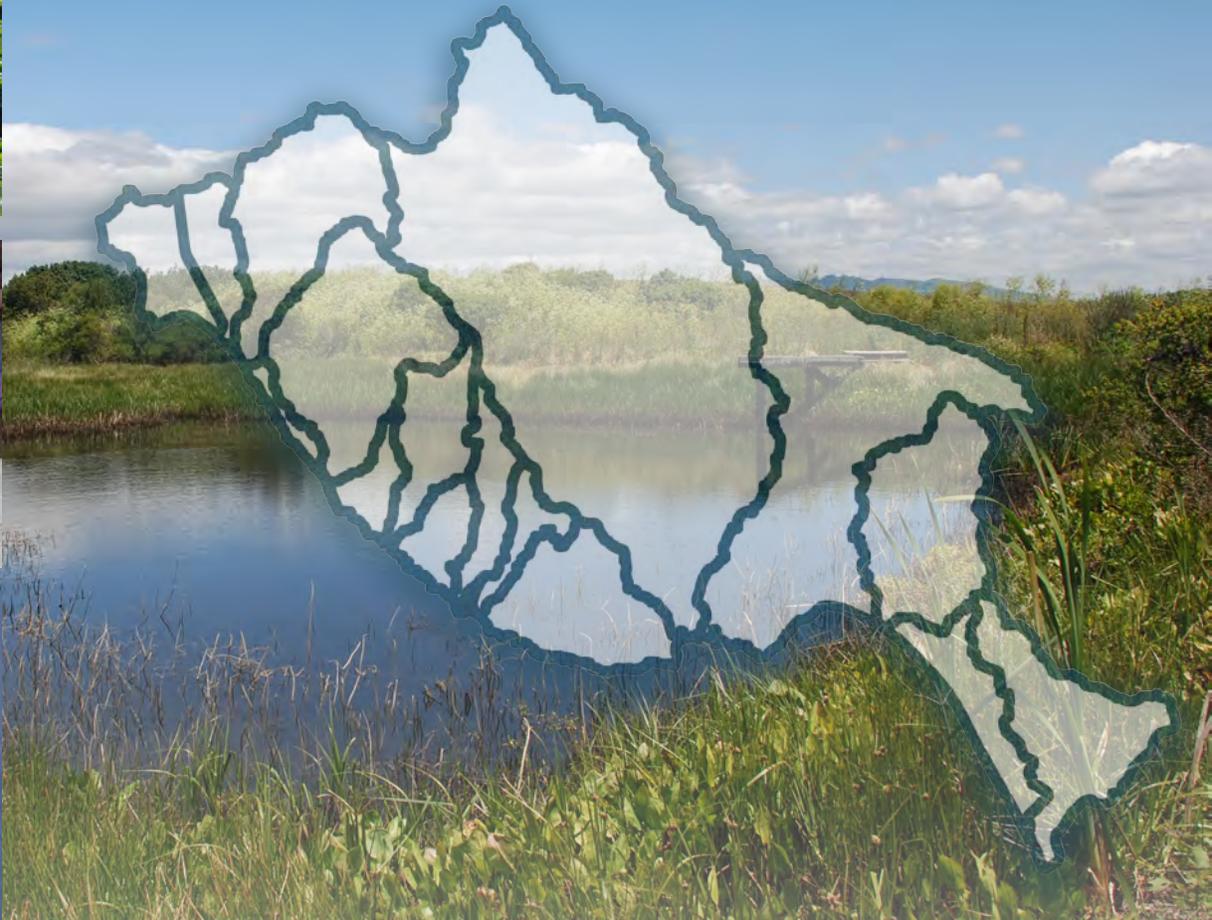




# SANTA • CRUZ

## INTEGRATED REGIONAL WATER MANAGEMENT PLAN

### 2014



**SANTA CRUZ**  
**INTEGRATED REGIONAL WATER MANAGEMENT PLAN**

JULY 2014

PREPARED BY:

**COUNTY OF SANTA CRUZ, HEALTH SERVICES AGENCY,  
ENVIRONMENTAL HEALTH DIVISION, WATER RESOURCES PROGRAM**



IN ASSOCIATION WITH:

**REGIONAL WATER MANAGEMENT FOUNDATION, A SUBSIDIARY OF  
COMMUNITY FOUNDATION SANTA CRUZ COUNTY**



## ACKNOWLEDGEMENTS

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### Participating Agencies:

Central Water District  
City of Santa Cruz  
City of Watsonville  
County of Santa Cruz  
Santa Cruz County Sanitation District  
Davenport County Sanitation District  
Resource Conservation District of Santa Cruz County  
Scotts Valley Water District  
Soquel Creek Water District

### IRWM Steering Committee Members:

#### Current

Chris Coburn, Executive Director, Resource Conservation District Santa Cruz County  
Piret Harmon, General Manager, Scotts Valley Water District  
John Ricker, Water Resources Division Director, County of Santa Cruz

#### Prior

Bill Kocher, Director (*retired*), City of Santa Cruz, Water Department  
Karen Christensen, Executive Director (*prior*), Resource Conservation District Santa Cruz County  
Laura Brown, General Manager (*retired*), Soquel Creek Water District

### IRWM Conceptual Framework Working Group:

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### REGIONAL WATER MANAGEMENT FOUNDATION:

Tim Carson, Jacqueline Strong

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## **APPENDICIES**

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## ACRONYMS

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AB – Assembly Bill

ACS – US Census American Community Survey

AF – Acre Feet

AFY – Acre Feet Year

AMBAG – Association of Monterey Bay Area Governments

ASBS – Area of Special Biological Significance

BLM – U.S. Bureau of Land Management

BMP – Best Management Practice

CCAMP – Central Coast Ambient Monitoring Program

CCC – California Coastal Commission

CDFG – California Department of Fish and Game

CDP – Census Designated Place

CDPH – California Department of Public Health

CEDEN – California Environmental Data Exchange Network

CEQA – California Environmental Quality Act

CFR – Code of Federal Regulations

CISC – City of Santa Cruz

CiW – City of Watsonville

COS – Center for Ocean Solutions

CoSC – County of Santa Cruz

CPUC – California Public Utilities Commission

CRAM – California Rapid Assessment Methods

CWC – California Water Code

CWD – Central Water District

DAC – Disadvantaged Community

DAU – Data Analysis Unit

DCSD – Davenport Sanitation District

DMS – Data Management System

DWR – California Department of Water Resources

DWS – Drinking Water Standard

EIR – Environmental Impact Report

EJCW – Environmental Justice Coalition for Water

FEMA – Federal Emergency Management Agency

GAMA – Groundwater Ambient Monitoring and Assessment

GIS – Geographic Information System

GPM – Gallons per Minute

IPCC – Intergovernmental Panel on Climate Change

IRWM – Integrated Regional Water Management

IWRP – Integrated Watershed Restoration Program

LAFCO – Local Agency Formation Commission

LCP – Local Coastal Program or Local Coastal Plan

LID – Low Impact Development

MBNMS – Monterey Bay National Marine Sanctuary

MCL – Maximum Contaminant Level

MGD – Million Gallons per Day

MHI – Median Household Income

MOA – Memorandum of Agreement

MPA – Marine Protected Area

MS4 – Municipal Separate Storm Sewer System

NFWF – National Fish and Wildlife Foundation

NMFS – National Marine Fisheries Service

NOAA – National Oceanic and Atmospheric

NPDES – National Pollutant Discharge Elimination System

NPS – Nonpoint Source

NRCS – Natural Resources Conservation Service

O&M – Operations and Maintenance

OPR – Governor’s Office of Planning and Research

PRC – California Public Resources Code

RCAC – Rural Community Assistance Corporation  
RCD – Resource Conservation District  
RCDSCC – Resource Conservation District Santa Cruz County  
RCM – Regional Climate Model  
RWMF – Regional Water Management Foundation  
RWMG – Regional Water Management Group  
RWMG – Regional Water Management Group  
RWQCB – Regional Water Quality Control Board

SB – Senate Bill  
SCCSD – Santa Cruz County Sanitation District  
SLR – Sea Level Rise  
SqCWD – Soquel Creek Water District  
SVWD – Scotts Valley Water District  
SWAMP – California Surface Water Ambient Monitoring Program  
SWMP – Stormwater Management Plan  
SWRCB – State Water Resources Control Board

TAC – Technical Advisory Committee  
TDS – Total Dissolved Solids  
TMDL – Total Maximum Daily Load

US EPA – United States Environmental Protection Agency  
USDA – United States Department of Agriculture  
USFWS – United States Fish and Wildlife Service  
USGS – United States Geological Survey  
UWMP – Urban Water Management Plan

WDR – Waste Discharge Requirement  
WQPP – Water Quality Protection Program  
WWW – Watsonville Wetlands Watch