

Integrated Regional Water Management Plan for the Greater Monterey County Region



Regional Water Management Group

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Monterey County Water Resources Agency
Monterey One Water
Moss Landing Marine Laboratories
Resource Conservation District of Monterey County
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The Integrated Regional Water Management Plan (IRWM Plan) for the Greater Monterey County region represents an expansion and modification of a former plan, the Salinas Valley Integrated Regional Water Management Functionally Equivalent Plan (IRWM FEP). The Salinas Valley IRWM FEP was prepared by the private consulting firm RMC Water and Environment for the Monterey County Water Resources Agency (MCWRA) and the Salinas Valley Water Management Group (MCWRA, Marina Coast Water District, and Castroville Community Services District) in May 2006 under the State's Proposition 50 IRWM Grant Program.

The Greater Monterey County IRWM Plan was first developed in 2012-2013 according to Proposition 84 2012 IRWM Grant Program Guidelines, and was updated in 2017-2018 to comply with Proposition 1 2016 IRWM program standards. The authors used the former Salinas Valley IRWM FEP as the foundation for developing the Greater Monterey County IRWM Plan, expanding the FEP's scope in terms of geography, Regional Water Management Group (RWMG) representation, and stakeholder representation. The Greater Monterey County RWMG would like to recognize and thank RMC and the Salinas Valley Water Management Group for its early work in developing the Salinas Valley IRWM FEP.

The Greater Monterey County IRWM Plan was prepared primarily by Susan Robinson, IRWM Program Director, with substantial input and oversight from RWMG members and other resource managers and scientists throughout the region. Several chapters of the IRWM Plan were drafted by RWMG members, specifically: Plan Performance and Monitoring was drafted by Sierra Ryan (Central Coast Wetlands Group) and Bridget Hoover (Monterey Bay National Marine Sanctuary); Data Management was drafted by Bridget Hoover; and Climate Change was drafted by Ross Clark and the Central Coast Wetlands Group.

Note that the Greater Monterey County RWMG has been developed as a "working group." Members are expected to actively participate in all aspects of the IRWM planning process. During the development of this Plan, RWMG members attended monthly RWMG meetings, participated on subcommittees to develop various elements of the Plan (such as identifying the region's issues and conflicts, determining goals and objectives, and developing a process for ranking projects), attended public workshops, and reviewed drafts of the IRWM Plan. We would like to acknowledge and thank all of the RWMG members who have contributed so much of their time toward the development of this IRWM Plan.

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Finally, the RWMG would like to thank the many stakeholders and community members who attended public workshops, contributed projects to the Plan, and who have provided comments and feedback throughout development of this plan. Since the Greater Monterey County IRWM Plan is very much a living document, we encourage stakeholders and other community members to stay involved as IRWM planning continues to evolve in the Greater Monterey County region.

FOR MORE INFORMATION

Please visit the Greater Monterey County IRWM website for additional information, resources, and contact information: <http://www.greatermontereyirwmp.org/>.

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Appendix M: Interregional Coordination between the Greater Monterey County and Monterey Peninsula, Carmel Bay, and South Monterey Bay IRWM Regions

Appendix N: Climate Change RWMG Survey Questions (August 2017)

Appendix O: Greater Salinas Storm Water Resource Plan (February 2017)

Appendix P: Greater Monterey County Storm Water Resource Plan

Appendix Q: Needs Assessment for Disadvantaged Communities (December 2017)

Acronyms

AB – Assembly Bill
AF – Acre-feet
AFY – Acre-feet per Year
ACS – US Census American Community Survey
AMBAG – Association of Monterey Bay Area Governments
ASBS – Area of Special Biological Significance
AWEP – Agricultural Water Enhancement Program
AWQA – Agriculture Water Quality Alliance
BLM – U.S. Bureau of Land Management
BMP – Best Management Practice
Cal-Am – California American Water Company
CalDUCS – California Data Upload and Checking System
Cal Water – California Water Service Company
CCA – Critical Coastal Area
CCAMP – Central Coast Ambient Monitoring Program
CCC – California Coastal Commission
CCD – Census County Division
CCSD – Castroville Community Services District
CCWG – Central Coast Wetlands Group
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
COS – Center for Ocean Solutions
CPUC – California Public Utilities Commission
CRAM – California Rapid Assessment Methods
CRS – Community Rating System
CSA – Monterey County Service Area
CSIP – Castroville Seawater Intrusion Project
CSUMB – California State University Monterey Bay
CWC – California Water Code
DAC – Disadvantaged Community
DAU – Data Analysis Unit
DEH – Monterey County Division of Environmental Health
DMS – Data Management System
DPS – Distinct Population Segment
DWR – California Department of Water Resources
DWS – Drinking Water Standard
EIR – Environmental Impact Report

EJCW – Environmental Justice Coalition for Water
 EQIP – Environmental Quality Incentives Program
 ESF – Elkhorn Slough Foundation
 ESNERR – Elkhorn Slough National Estuarine Research Reserve
 FEMA – Federal Emergency Management Agency
 FEP – Functionally Equivalent Plan
 FORA – Fort Ord Reuse Authority
 GAMA – Groundwater Ambient Monitoring and Assessment
 GIS – Geographic Information System
 GPM – Gallons per Minute
 GWESR – Ground Water Extraction Summary Report
 ICLEI – International Council for Local Environmental Initiatives
 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
 MCRMA – Monterey County Resource Management Agency
 MCWD – Marina Coast Water District
 MCWRA – Monterey County Water Resources Agency
 MGD – Million Gallons per Day
 MHI – Median Household Income
 MM – Management Measure
 MOA – Memorandum of Agreement
 MOU – Memorandum of Understanding
 MPA – Marine Protected Area
 MRSWMP – Monterey Regional Storm Water Management Program
 MPWMD – Monterey Peninsula Water Management District
 MRWMD – Monterey Regional Waste Management District
 MRWPCA – Monterey Regional Water Pollution Control Agency
 MS4 – Municipal Separate Storm Sewer System
 MSR – Municipal Service Review
 NFIP – National Flood Insurance Program
 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
PVWMA – Pajaro Valley Water Management Agency
RCAC – Rural Community Assistance Corporation
RCD – Resource Conservation District
RCM – Regional Climate Model
RDC – Regional Data Center
RDIPAC – Reclamation Ditch Improvement Plan Advisory Committee
RLP – Repetitive Loss Property
RON – Return of the Natives Restoration Education Project
RTP – Regional Treatment Plant
RUWAP – Regional Urban Water Augmentation Project
RWMG – Regional Water Management Group
RWQCB – Regional Water Quality Control Board
SB – Senate Bill
SBCWD – San Benito County Water District
SMCA – State Marine Conservation Area
SMR – State Marine Reserve
SVIGSM – Salinas Valley Integrated Ground and Surface Water Model
SVRP – Salinas Valley Reclamation Plant
SVWP – Salinas Valley Water Project
SWAMP – California Surface Water Ambient Monitoring Program
SWRCB – State Water Resources Control Board
SWMP – Stormwater Management Plan
TAC – Technical Advisory Committee
TDS – Total Dissolved Solids
TMDL – Total Maximum Daily Load
USDA – United States Department of Agriculture
US EPA – United States Environmental Protection Agency
USFWS – United States Fish and Wildlife Service
USGS – United States Geological Survey
UWMP – Urban Water Management Plan
WDR – Waste Discharge Requirement
WMI – Watershed Management Initiative
WQPP – Water Quality Protection Program
WRPC – Water Resource Project Coordination
WSA – Water Supply Assessment