

San Luis Obispo County

Final

2019 Integrated Regional Water Management Plan

San Luis Obispo County Flood Control and Water Conservation District



An APWA Accredited Agency



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May 2020

Revised August 2020¹

San Luis Obispo County Integrated Regional Water Management Plan

San Luis Obispo Regional Water Management Group:

Avila Beach CSD
California Men's Colony
Cambria CSD
Cayucos Sanitary District
Central Coast Salmon Enhancement
City of Arroyo Grande
City of Grover Beach
City of Morro Bay
City of Paso Robles
City of Pismo Beach
City of San Luis Obispo
Coastal San Luis Resource Conservation District
County of San Luis Obispo
Estrella-El Pomar-Creston Water District
Heritage Ranch CSD
Land Conservancy
Los Osos CSD
Morro Bay National Estuary Program
Nipomo CSD
Oceano CSD
San Luis Obispo County Flood Control and Water
Conservation District
San Miguel CSD
San Miguelito Mutual Water Company
San Simeon CSD
Shandon-San Juan Water District
South San Luis Obispo County Sanitation District
S&T Mutual Water Company
Templeton CSD
Upper Salinas - Las Tablas Resource Conservation District

¹ On August 24, 2020, the RWMG approved minor updates to the Plan. For details, visit:
[https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Integrated-Regional-Water-Management-\(IRWM\)/Meetings.aspx/](https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Integrated-Regional-Water-Management-(IRWM)/Meetings.aspx/)

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Preface

Special thanks to the developers and contributors of the 2014 San Luis Obispo County IRWM Plan for providing a guide and foundation for the development of the 2019 San Luis Obispo County IRWM Plan. These include GEI Consultants, Fugro Consultants, Dudek, Gutierrez Consultants and Hollenbeck Consulting. On top of this foundation, the District thanks Water Systems Consulting, Inc. and the AmeriCorps CivicSpark Fellowship program for their contributions to the 2019 San Luis Obispo County IRWM Plan.

The California Department of Water Resources (DWR) has established a Plan Review Process (PRP) designed to assess whether IRWM plans are consistent with the 2016 IRWM Plan Standards. The PRP is described in Appendix C of the 2016 IRWM Planning Guidelines.

To be eligible for state funding, IRWM plans must be submitted to DWR for review and meet the requirements listed in the 2016 IRWM Planning Guidelines. To assist DWR, we have provided the section numbering and descriptions for those sections which, in whole, or partially address the given requirements. This information is provided in Appendix L.

We hope this helps expedite the review of the San Luis Obispo IRWM Plan.

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ACRONYMS

2016 CDWR IRWM Guidelines	California Department of Water Resources' 2016 Regional Water Management Grant Program Guidelines
AC	Acre(s)
AF	Acre-Feet
AFY	Acre-Feet per Year
ARRA	American Recovery and Reinvestment Act of 2009
Basin Plan	Central Coast Basin Plan
BMP	Best Management Practices
CASGEM	California Statewide Groundwater Elevation Monitoring
CCD	Census County Division
CCWA	Central Coast Water Authority
CDB	Community Development Block Grants
CDD	Cooling Degree Days
CDFG	California Department of Fish and Game
CDPH	California Department of Public Health
CDWR	California Department of Water Resources
CEC	California Energy Commission
CEDS	The Comprehensive Economic Development Strategies
CEQA	California Environmental Quality Act
CIMIS	California Irrigation Management Information System
CIP	Capital Improvement Plan
CMIP	Coupled Model Inter-comparison Project
CRWA	California Rural Water Association
CSD	Community Service District
CWC	California Water Code
CWP	California Water Plan
CWSRF	Clean Water State Revolving Fund
DAC	Disadvantaged Community
DFA	Division of Financial Assistance
District	San Luis Obispo County Flood Control and Water Conservation District
DWSRF	Drinking Water State Revolving Fund
EERE	Energy Efficiency and Renewable Energy
EDA	Economically Disadvantaged Area
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
ESA	Endangered Species Act of 1973
ET	Evapotranspiration

FAR	(IPCC IS92a Scenario) First Assessment Report (1990)
FEMA	Federal Emergency Management Agency
FPGP	(Water Recycling) Facilities Planning Grant Program
GDD	Growing Degree Days
GFDL	Geophysical Fluid Dynamics Laboratory model
GMA	Groundwater Management Area
GMP	Groundwater Management Plan
GO	General Obligation (Bond Rate)
gpd	Gallons Per Day
GSA	Groundwater Sustainability Act
GSP	Groundwater Sustainability Plan
HDD	Heating Degree Days
HCP	Habitat Conservation Plan
HUD	Housing and Urban Development
HUC	Hydrologic Unit used for delineating watersheds
IPCC	Intergovernmental Panel on Climate Change
IRWM	Integrated Regional Water Management
JPA	Join Powers Authorities
KAF	Thousand Acre-Feet
LAFCO	Local Agency Formation Committee
LDC	Legacy Data Center
Lead Agency	San Luis Obispo County Flood Control and Water Conservation District
LID	low-impact development
LLNL	Lawrence Livermore National Labs
MAF	Million Acre-Feet
MGD	Million Gallons per Day
MHI	Median Household Income
MOU	Memorandum of Understanding
MSL	Mean Sea Level
MWC	Mutual Water Company
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NFWF	National Fish and Wildlife Foundation
NMMA	Nipomo Mesa Management Area
NOP	Notice of Preparation
NOAA	National Oceanic and Atmospheric Administration

NPDES	National Pollution Discharge Elimination System
NPS	nonpoint sources
PEIS	Programmatic Environmental Impact Settlement
Plan	Integrated Regional Water Management Plan
PSP	Proposal Solicitation Package
PUD	Public Utility District
PVC	Polyvinyl Chloride
PWG	Project work group
RAP	Region Acceptance Process by DWR
RCAC	Rural Community Assistance Corporation
Region	San Luis Obispo County Region
RMS	Resource Management Strategy
RO	Reverse Osmosis
RWMG	(San Luis Obispo) Regional Water Management Group
RWQCB	Regional Water Quality Control Board
SAR	IPCC IS92a Scenario, Second Assessment Report, 1995
SB	Senate Bill
SBA	Small Business Administration
SCADA	Supervisory Control and Automated Data Acquisition
SCWG	Small Community Wastewater Grant (Program)
SGMA	Sustainable Groundwater Management Act
SDWSRF	Safe Drinking Water State Revolving Fund
SHE	Self-Help Enterprises
SLO	San Luis Obispo
SLR	sea-level rise
SLOC	San Luis Obispo County
SRES	Special Report on Emissions Scenarios
SRF	State Revolving Fund
SSCSD	San Simeon Community Services District
SSMP	Sewer System Management Plan
STORET	Data storage and retrieval system tracking commercial/industrial uses
SWDA	Safe Drinking Water Act
SWFM	Stormwater Flood Management
SWP	State Water Project
SWRCB	California State Water Resources Control Board
SWS	small water system
t	Trace, flow volume greater than 0 AF and less than 500 AF
TDS	Total Dissolved Solids
THMs	Trihalomethanes
TMDL	Total Maximum Daily Load

USACE	U.S. Army Corps of Engineers
USBLM	U.S. Bureau of Land Management
USBR	U.S. Bureau of Reclamation
USDA	U.S. Department of Agriculture
USDOE	U.S. Department of Energy
USDOI	U.S. Department of the Interior
USEDA	U.S. Economic Development Administration
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tank
UWMP	Urban Water Management Plan
VOC	Volatile Organic Carbon
WCRP	World Climate Research Program
WEP	Water and Environmental Programs
WRAC	Water Resources Advisory Committee
WRCP	Water Recycling Construction Program
WSA	Senate Bill 610 Water Supply Assessment
WSAmt	State Water Project Water Service Amount
WSV	Water Supply Verification
WWD	Wastewater Disposal (Program)
WWTP	Wastewater Treatment Plant