

Stanislaus Multi-Agency Regional Storm Water Resource Plan

Task 5.1 Detailed SWRP Outline

Submitted by Stanislaus County
Grant Agreement No. D1612618
September 29, 2017

1 Executive Summary

2 Introduction

2.1 Background

Discuss background of SWRP program, relevant legislation, grant application effort, and plan funding by SWRCB

2.2 SWRP Purpose, Goals, and Process

Describe purpose of SWRP and goals and objectives established by the TAC. Include background on plan development process, including TAC members and role. Summarize contents of plan and special studies completed.

3 Planning Area Description (Guidelines Section VI.A)

Give a brief overview of the planning area, watersheds, and the logic behind selection of planning area boundaries.

3.1 Description of Watersheds

Give a brief overview of watersheds. Explain why the planning area and watersheds are appropriate for storm water management with a multiple-benefit watershed approach. Describe each watershed, including area, geologic setting, relevant surface waterbodies, boundary map, and water quality priorities. Watersheds within the Region are: Middle San Joaquin-Lower Merced-Lower Stanislaus, Panoche-San Luis Reservoir, Lower Calaveras-Mormon Slough, Upper Stanislaus, Upper Tuolumne, Upper Merced, and Middle San Joaquin-Lower Chowchilla.

3.2 Jurisdictional Boundaries and Service Areas

Describe internal boundaries within the planning area, including municipalities; service areas of individual water, wastewater, and land use agencies (including those not involved in the Plan); groundwater basin boundaries, etc. Include maps illustrating boundaries for municipalities, water agencies, wastewater agencies, land use agencies, and groundwater basins.

3.3 Watershed Processes

Describe the natural processes that occur within the planning area watersheds and how these natural watershed processes have been disrupted. Include map(s) showing natural and open space within the watersheds, including native habitats, creeks, lakes, rivers, parks.

3.4 Surface Water Resources

Identify and describe surface water resources within the watershed, including quality and use as potable supply.

3.5 Groundwater Resources

Identify and describe groundwater resources, including quality and use as potable supply by local entities.

3.6 Water Quality Conditions

Describe general water quality conditions. Include discussion of applicable TMDLs and 303(d) listed impaired water bodies, storm water outfall monitoring, water quality priorities, and other priorities.

4 Water Quality Compliance (Guidelines Section V)

4.1 Regulatory Goals and Objectives

Discuss goals and objectives (compliance with all relevant statutes and permits).

4.2 Applicable Permits and Plans

Discuss legislative background (CWA, Porter-Cologne and RWQCBs, Basin Plans, NPDES). Include legislative information on Basin Plans and impaired water bodies, TMDLs, NPDES permits, relevant MS4 Permits, and applicable general permits.

4.3 Pollutant-Generating Activities

Describe pollutants/stressors in the planning area/watershed and the potential sources of these contaminants. Introduce priority constituents and potential generating sources.

5 Organization, Coordination, and Collaboration (Guidelines Section VI.B)

5.1 Coordination with Local Planning Organizations

Identify local planning organizations and describe methods of coordination (including, but not limited to public agencies, nonprofit organizations, and privately-owned water utilities). Identify agencies and organizations that need to participate and implement their own authorities and mandates in order to address the storm water and dry weather runoff management objectives of the Plan for the targeted watershed. Describe coordination with these agencies. Discuss coordination with IRWM groups in the Region.

5.2 Community Participation

Describe consultation of local agencies and nongovernmental organizations during Plan development. Identify nonprofit organizations working on storm water and dry weather resource planning or management in the watershed. Describe provisions for community participation in Plan development (describe current efforts and practices to be followed in the future for plan updates), discuss efforts undertaken.

5.3 Relation to Other Planning Documents

Describe the relationship of the Plan to other existing planning documents, ordinances, and programs established by local agencies, including: IRWMPs, UWMPs, AWMPs, Groundwater management plans and other groundwater documents, flood management plans, County General Plan, County ordinances, city General Plans, city and County stormwater planning documents.

5.4 Collaboration

Identify required decisions that must be made by local, state or federal regulatory agencies for Plan implementation and coordinated watershed-based or regional monitoring and visualization. Describe planning and coordination of existing local governmental agencies, including where necessary new or altered governance structures to support collaboration among two or more lead local agencies responsible for plan implementation.

6 Quantitative Methods (Guidelines Section VI.C)

6.1 Description of Quantitative Methodologies

Describe benefit metrics for the water quality, water supply, flood management, environmental, and community benefit categories. Discuss available tools for quantitative assessment of benefits. Include an integrated metrics-based analysis of the projects and programs in the watershed that address water quality, storm water capture and use, water supply and flood control, and environmental and community benefits.

6.2 Information and Data Management

Describe data collection and management (including storage and access), data update process, and method for addressing data gaps.

7 Identification and Prioritization of Projects (Guidelines Section VI.D)

7.1 Project Solicitation

Describe project solicitation process (call for projects, OPTI, submission period, etc.).

7.2 Project Eligibility

Describe initial screening of projects for eligibility.

7.3 Project Prioritization

Describe project prioritization method, including identification of opportunities as listed in section VI.D of the SWRP Guidelines. Describe prioritization scoring results and recommended priorities for project implementation.

8 Implementation Strategy and Schedule (Guidelines Section VI.E)

8.1 Implementation Process

Provide overview of implementation process (project and program implementation, monitoring, and evaluation of the SWRP).

8.2 Recommended Actions

Identify projects and programs to ensure the effective implementation of the storm water resource plan pursuant to this part and achieve multiple benefits.

8.3 Implementation Strategy

Identify the development of appropriate decision support tools and the data necessary to use the decision support tools. Include details on plan implementation, entities responsible for project implementation, project tracking procedures, and other items outlined in Section VI.E of the SWRP Guidelines.

8.4 Financing

Describe potential funding needs, funding sources, and schedule for arranging and securing Plan implantation financing.

8.5 IRWMP Submittal

Describe process to submit to the IRWMPs, including timeline for submittal.

8.6 Implementation Performance Measures and Tracking

Describe implementation performance measures, tracking methods, and procedures for ongoing review, updates, and adaptive management of the Plan.

9 Education, Outreach, and Public Participation (Guidelines Section VI.F)

9.1 Outreach Plan

Describe outreach plan, including identification of stakeholders. Include a schedule for initial public engagement and education.

9.2 Outreach Efforts

Describe outreach efforts conducted during development of the SWRP. Note any specific measures taken in regard to disadvantaged communities or other groups.

9.3 Public Engagement

Identify specific audiences for public engagement efforts, describe mechanisms for public engagement. Describe strategies to engage disadvantaged and climate vulnerable communities, and efforts to identify and address environmental justice needs and issues. Include a schedule for initial public engagement and education.

10 References

11 Appendices

APPENDIX A – SWRP Checklist

APPENDIX B – Data Collection List

APPENDIX C – Stakeholder Outreach Plan

APPENDIX D - Monitoring Report

APPENDIX E – Stormwater Capture/Recharge Site Assessments