

Appendix A

SWRP Self Certification Checklist

Storm Water Resource Plan Checklist and Self-Certification

The following should be completed and submitted to the State Water Resources Control Board Division of Financial Assistance in support of a storm water resource plan /functionally equivalent plan. The documents submitted, including this checklist, will be used to determine State Water Board concurrence with the Storm Water Resource Plan Guidelines and statutory water code requirements.

When combining multiple documents to form a functionally equivalent Storm Water Resource Plan, submit a cover letter explaining the approach used to arrive at the functionally equivalent document. The cover letter should explain how the documents work together to address the Storm Water Resource Plan Guidelines.

STORM WATER RESOURCE PLAN GENERAL CONTACT INFORMATION	
Contact Info: Name Phone Number Email	Maureen Kerner, P.E. Research Engineering Office of Water Programs at California State University, Sacramento 916-945-6246 Maureen.Kerner@owp.csus.edu
Date Submitted to State Water Resource Control Board:	May 25 2018
Regional Water Quality Control Board:	May 25 2018
Title of attached documents (expand list as needed):	American River Basin Stormwater Resource Plan

STORM WATER RESOURCE PLAN INFORMATION	
Storm Water Resource Plan Title:	American River Basin Stormwater Resource Plan
Date Plan Completed/Adopted:	May 25 2018
Public Agency Preparer:	Maureen Kerner, P.E. OWP at Sacramento State on behalf of stakeholders within the ARB Region
IRWM Submission:	May 25 2018
Plan Description:	This SWRP describes an ongoing process to identify watershed-based runoff management methodologies for the American River Basin (ARB) in northern California. This SWRP contains processes for developing and implementing projects and programs that manage stormwater and dry weather flows to improve water quality, reduce localized flooding, increase water supplies, protect the environment, and enhance communities.

Checklist Instructions:

For **each element** listed below, review the applicable section in the Storm Water Resource Plan Guidelines and enter ALL of the following information. Be sure to provide a clear and thorough justification if a recommended element (non shaded) is not addressed by the Storm Water Resource Plan.

- A. Mark the box if the Storm Water Resource Plan meets the provision
- B. In the provided space labeled **References**, enter:
 1. Title of document(s) that contain the information (or the number of the document listed in the General Information table above);
 2. The chapter/section, **and page number(s)** where the information is located within the document(s);
 3. The entity(ies) that prepared the document(s) if different from plan preparer;
 4. The date the document(s) was prepared, and subsequent updates; and
 5. Where each document can be accessed¹ (website address or attached).

STORM WATER RESOURCE PLAN CHECKLIST AND SELF-CERTIFICATION		
Mandatory Required Elements per California Water Code are Shaded and Text is Bold		
Y/N	Plan Element	Water Code Section
WATERSHED IDENTIFICATION (GUIDELINES SECTION VI.A)		
Y	1. Plan identifies watershed and subwatershed(s) for storm water resource planning.	10565(c) 10562(b)(1) 10565(c)
References:		
ARB SWRP Section 2.1		
Y	2. Plan is developed on a watershed basis, using boundaries as delineated by USGS, CalWater, USGS Hydrologic Unit designations, or an applicable integrated regional water management group, and includes a description and boundary map of each watershed and sub-watershed applicable to the Plan.	
References:		
ARB SWRP Section 2.1		

¹ All documents referenced must include a website address. If a document is not accessible to the public electronically, the document must be attached in the form of an electronic file (e.g. pdf or Word 2013) on a compact disk or other electronic transmittal tool.

WATERSHED IDENTIFICATION (GUIDELINES SECTION VI.A)

Y	3. Plan includes an explanation of why the watershed(s) and sub-watershed(s) are appropriate for storm water management with a multiple-benefit watershed approach;
<u>References:</u> ARB SWRP Section 2.1	
Y	4. Plan describes the internal boundaries within the watershed (boundaries of municipalities; service areas of individual water, wastewater, and land use agencies, including those not involved in the Plan; groundwater basin boundaries, etc.; preferably provided in a geographic information system shape file);
<u>References:</u> ARB SWRP Section 2.2	
Y	5. Plan describes the water quality priorities within the watershed based on, at a minimum, applicable TMDLs and consideration of water body-pollutant combinations listed on the State's Clean Water Act Section 303(d) list of water quality limited segments (a.k.a impaired waters list);
<u>References:</u> ARB SWRP Sections 2.5 & 3.2	
Y	6. Plan describes the general quality and identification of surface and ground water resources within the watershed (preferably provided in a geographic information system shape file);
<u>References:</u> ARB SWRP Sections 2.3; 2.5; 3.2 (discussions) & Appendix B2 (maps)	
Y	7. Plan describes the local entity or entities that provide potable water supplies and the estimated volume of potable water provided by the water suppliers;
<u>References:</u> ARB SWRP Section 2.2	
Y	8. Plan includes map(s) showing location of native habitats, creeks, lakes, rivers, parks, and other natural or open space within the sub-watershed boundaries; and
<u>References:</u> ARB SWRP Section 2.3 (discussion) & Appendices B & C (maps). Maps also available on ARB SWRP web map tool: http://www.owp.csus.edu/ARBSWRP/map.htm	
Y	9. Plan identifies (quantitative, if possible) the natural watershed processes that occur within the sub-watershed and a description of how those natural watershed processes have been disrupted within the sub-watershed (e.g., high levels of imperviousness convert the watershed processes of infiltration and interflow to surface runoff increasing runoff volumes; development commonly covers natural surfaces and often introduces non-native vegetation, preventing the natural supply of sediment from reaching receiving waters).
<u>References:</u> ARB SWRP Section 2.4	

**WATER QUALITY COMPLIANCE
(GUIDELINES SECTION V)**

Y	10. Plan identifies activities that generate or contribute to the pollution of storm water or dry weather runoff, or that impair the effective beneficial use of storm water or dry weather runoff.	10562(d)(7)
<u>References:</u> ARB SWRP Section 3.1		
Y	11. Plan describes how it is consistent with and assists in, compliance with total maximum daily load implementation plans and applicable national pollutant discharge elimination system permits.	10562(b)(5)
<u>References:</u> ARB SWRP Section 3.2		
Y	12. Plan identifies applicable permits and describes how it meets all applicable waste discharge permit requirements.	10562(b)(6)
<u>References:</u> ARB SWRP Section 3.2		

**ORGANIZATION, COORDINATION, COLLABORATION
(GUIDELINES SECTION VI.B)**

Y	13. Local agencies and nongovernmental organizations were consulted in Plan development.	10565(a)
<u>References:</u> ARB SWRP Section 4.2		
Y	14. Community participation was provided for in Plan development.	10562(b)(4)
<u>References:</u> ARB SWRP Section 4.2		
Y	15. Plan includes description of the existing integrated regional water management group(s) implementing an integrated regional water management plan.	
<u>References:</u> ARB SWRP Sections 1.1 & 4.2; Table 2.2		
Y	16. Plan includes identification of and coordination with agencies and organizations (including, but not limited to public agencies, nonprofit organizations, and privately owned water utilities) that need to participate and implement their own authorities and mandates in order to address the	
<u>References:</u> ARB SWRP Sections 4.1; 4.2; & 4.3		

**ORGANIZATION, COORDINATION, COLLABORATION
(GUIDELINES SECTION VI.B)**

Y	17. Plan includes identification of nonprofit organizations working on storm water and dry weather resource planning or management in the watershed.
<u>References:</u> ARB SWRP Seciton 4.1	
Y	18. Plan includes identification and discussion of public engagement efforts and community participation in Plan development.
<u>References:</u> ARB SWRP Sections 4.2 & 8.1-8.6	
Y	19. Plan includes identification of 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
<u>References:</u> ARB SWRP Section 4.3	
Y	20. Plan describes 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.
<u>References:</u> ARB SWRP Section 4.3	
Y	21. Plan describes the relationship of the Plan to other existing planning documents, ordinances, and programs established by local agencies.
<u>References:</u> ARB SWRP Section 4.4	
Y	22. (If applicable)Plan explains why individual agency participation in various isolated efforts is appropriate.
<u>References:</u> ARB SWRP Section 4.5	

**QUANTITATIVE METHODS
(GUIDELINES SECTION VI.C)**

Y	<p>23. For all analyses: Plan includes an integrated metrics-based analysis to demonstrate that the Plan's proposed storm water and dry weather capture projects and programs will satisfy the Plan's identified water management objectives and multiple benefits.</p> <p><u>References:</u> ARB SWRP Section 5.0</p>
Y	<p>24. For water quality project analysis (section VI.C.2.a) Plan includes an analysis of how each project and program complies with or is consistent with an applicable NPDES permit. The analysis should simulate the proposed watershed-based outcomes using modeling, calculations, pollutant mass balances, water volume balances, and/or other methods of analysis. Describes how each project or program will contribute to the preservation, restoration, or enhancement of watershed processes (as described in Guidelines section VI.C.2.a)</p> <p><u>References:</u> ARB SWRP Sections 3.2; 5.0: & 6.4 & Appendix H</p>
Y	<p>25. For storm water capture and use project analysis (section VI.C.2.b): Plan includes an analysis of how collectively the projects and programs in the watershed will capture and use the proposed amount of storm water and dry weather runoff.</p> <p><u>References:</u> ARB SWRP Sections 5.0 & 7.4.2.1</p>
Y	<p>26. For water supply and flood management project analysis (section VI.C.2.c): Plan includes an analysis of how each project and program will maximize and/or augment water supply.</p> <p><u>References:</u> ARB SWRP Sections 5.0 & 6.4 & Appendix H</p>
Y	<p>27. For environmental and community benefit analysis (section VI.C.2.d): Plan includes a narrative of how each project and program will benefit the environment and/or community, with some type of quantitative measurement.</p> <p><u>References:</u> ARB SWRP Sections 5.0 & 6.4 & Appendix H</p>
Y	<p>28. Data management (section VI.C.3): Plan describes data collection and management, including: a) mechanisms by which data will be managed and stored; b) how data will be accessed by stakeholders and the public; c) how existing water quality and water quality monitoring will be assessed; d) frequency at which data will be updated; and e) how data gaps will be identified.</p> <p><u>References:</u> ARB SWRP Section 5.3</p>

**IDENTIFICATION AND PRIORITIZATION OF PROJECTS
(GUIDELINES SECTION VI.D)**

Y	29. Plan identifies opportunities to augment local water supply through groundwater recharge or storage for beneficial use of storm water and dry weather runoff.	10562(d)(1)
<u>References:</u> ARB SWRP Sections 6.1.2 & 6.4		
Y	30. Plan identifies opportunities for source control for both pollution and dry weather runoff volume, onsite and local infiltration, and use of storm water and dry weather runoff.	10562(d)(2)
<u>References:</u> ARB SWRP Sections 6.1.2 & 6.4		
Y	31. Plan identifies projects that reestablish natural water drainage treatment and infiltration systems, or mimic natural system functions to the maximum extent feasible.	10562(d)(3)
<u>References:</u> ARB SWRP Sections 6.1.2 & 6.4		
Y	32. Plan identifies opportunities to develop, restore, or enhance habitat and open space through storm water and dry weather runoff management, including wetlands, riverside habitats, parkways, and parks.	10562(d)(4)
<u>References:</u> ARB SWRP Sections 6.1.2 & 6.4		
Y	33. Plan identifies opportunities to use existing publicly owned lands and easements, including, but not limited to, parks, public open space, community gardens, farm and agricultural preserves, school sites, and government office buildings and complexes, to capture, clean, store, and use storm water and dry weather runoff either onsite or offsite.	10562(d)(5), 10562(b)(8)
<u>References:</u> ARB SWRP Sections 6.1.2 & 6.4		
Y	34. For new development and redevelopments (if applicable): Plan identifies design criteria and best management practices to prevent storm water and dry weather runoff pollution and increase	10562(d)(6)
<u>References:</u> ARB SWRP Section 6.2		
Y	35. Plan uses appropriate quantitative methods for prioritization of projects. (This should be accomplished by using a metrics-based and integrated evaluation and analysis of multiple benefits to maximize	10562(b)(2)
<u>References:</u> ARB SWRP Sections 5.0; 5.2; & 6.3 & Appendix H		

**IDENTIFICATION AND PRIORITIZATION OF PROJECTS
(GUIDELINES SECTION VI.D)**

Y	<p>36. <i>Overall:</i> Plan prioritizes projects and programs using a metric-driven approach and a geospatial analysis of multiple benefits to maximize water supply, water quality, flood management, environmental, and community benefits within the watershed.</p>
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References:

ARB SWRP Sections 5.0; 6.1.2; 6.3; & 6.4

Y	<p>37. <i>Multiple benefits:</i> Each project in accordance with the Plan contributes to at least two or more Main Benefits and the maximum number of Additional Benefits as listed in Table 4 of the Guidelines. (Benefits are not counted twice if they apply to more than one category.)</p>
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References:

ARB SWRP Section 6.3

**IMPLEMENTATION STRATEGY AND SCHEDULE
(GUIDELINES SECTION VI.E)**

Y	<p>38. Plan identifies resources for Plan implementation, including: 1) projection of additional funding needs and sources for administration and implementation needs; and 2) schedule for arranging and securing Plan implementation financing.</p>
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References:

ARB SWRP Section 7.1

Y	<p>39. Plan projects and programs are identified to ensure the effective implementation of the storm water resource plan pursuant to this part and achieve multiple benefits.</p>	10562(d)(8)
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References:

ARB SWRP Section 7.2 & Table 7.2

Y	<p>40. The Plan identifies the development of appropriate decision support tools and the data necessary to use the decision support tools.</p>	10562(d)(8)
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References:

ARB SWRP Section 7.2 & Table 7.2

Y	<p>41. Plan describes implementation strategy, including: a) Timeline for submitting Plan into existing plans, as applicable; b) Specific actions by which Plan will be implemented; c) All entities responsible for project implementation; d) Description of community participation strategy; e) Procedures to track status of each project; f) Timelines for all active or planned projects; g) Procedures for ongoing review, updates, and adaptive management of the Plan; and h) A strategy and timeline for obtaining necessary federal, state, and local permits.</p>
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References:

ARB SWRP Sections 7.2 & 7.3 & Tables 7.2 & 7.3

**IMPLEMENTATION STRATEGY AND SCHEDULE
(GUIDELINES SECTION VI.E)**

Y	42. Applicable IRWM plan: The Plan will be submitted, upon development, to the applicable integrated regional water management (IRWM) group for incorporation into the IRWM plan.	10562(b)(7)
References: ARB SWRP Section 7.2 & Table 7.2		
Y	43. Plan describes how implementation performance measures will be tracked.	
References: ARB SWRP Section 7.4		

**EDUCATION, OUTREACH, PUBLIC PARTICIPATION
(GUIDELINES SECTION VI.F)**

Y	44. Outreach and Scoping: Community participation is provided for in Plan implementation.	
References: ARB SWRP Sections 4.0 & 8.0		
Y	45. Plan describes public education and public participation opportunities to engage the public when considering major technical and policy issues related to the development and implementation.	
References: ARB SWRP Section 8.0		
Y	46. Plan describes mechanisms, processes, and milestones that have been or will be used to facilitate public participation and communication during development and implementation of the Plan.	
References: ARB SWRP Sections 4.0 & 8.1-8.6		
Y	47. Plan describes mechanisms to engage communities in project design and implementation.	
References: ARB SWRP Sections 8.1; 8.2; 8.4; & 8.5		
Y	48. Plan identifies specific audiences including local ratepayers, developers, locally regulated commercial and industrial stakeholders, nonprofit organizations, and the general public.	
References: ARB SWRP Sections 4.0; 8.2; 8.4; & 8.5		

**EDUCATION, OUTREACH, PUBLIC PARTICIPATION
(GUIDELINES SECTION VI.F)**

Y	49. Plan describes strategies to engage disadvantaged and climate vulnerable communities within the Plan boundaries and ongoing tracking of their involvement in the planning process.
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References:

ARB SWRP Sections 8.2; 8.4; & 8.5

Y	50. Plan describes efforts to identify and address environmental injustice needs and issues within the watershed.
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References:

ARB SWRP Sections 8.2; 8.4; & 8.5

Y	51. Plan includes a schedule for initial public engagement and education.
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References:

ARB SWRP Sections 8.1; 8.2; & 8.4-8.6

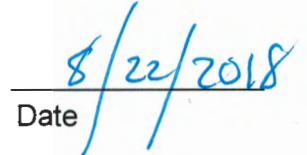
DECLARATION AND SIGNATURE

I declare under penalty of perjury that all information provided is true and correct to the best of my knowledge and belief.


 Authorized Signature
 (Monica F. Kauppinen)

Director, Sponsored Programs

Title


 Date

University Enterprises, Inc. at California State University, Sacramento;
 on behalf of ARB SWRP Collaborators

Public Agency