

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	<u>Sarah Dukett</u> <u>707-463-4441</u> <u>duketts@mendocinocounty.org</u>
Date Submitted to State Water Resource Control Board:	<u>July 12, 2019</u>
Regional Water Quality Control Board:	North Coast
Title of attached documents (expand list as needed):	1. Coastal Mendocino County Stormwater Resource Plan 2. 3.

STORM WATER RESOURCE PLAN INFORMATION	
Storm Water Resource Plan Title:	<u>Coastal Mendocino County Stormwater Resource Plan</u>
Date Plan Completed/Adopted:	<u>July 8, 2019</u>
Public Agency Preparer:	<u>Mendocino County Water Agency</u>
IRWM Submission:	<u>July 29, 2019</u>
Plan Description:	The Coastal Mendocino County SWRP encompasses three coastal watersheds in Mendocino County, California: Pudding Creek-Frontal Pacific Ocean Watershed, Noyo River Watershed, and Big River Watershed. A map of the study area boundaries is presented in Figure 1. Main rivers and creeks are displayed in Figure 2. The purpose of the SWRP is to provide a framework for identifying and selecting potential projects that utilize stormwater as a resource for multi-benefit projects that augment water supply, identify areas of concern, enhance water quality, reduce localized flooding, and create environmental and community benefits within the three coastal watersheds.

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)		
	1. Plan identifies watershed and subwatershed(s) for storm water resource planning.	10565(c) 10562(b)(1) 10565(c)
References:		
Coastal Mendocino County Stormwater Resource Plan. Section 2.0 Watershed Identification, pages 13-16. LACO Associates. 2019. Attached.		
	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:		
Coastal Mendocino County Stormwater Resource Plan. Section 1.0 Introduction, pages 1-2; Section 2.1 Watershed and Sub-Watersheds. Pages 13-14; Figures 1-3, PDF pages 74-76. LACO Associates. 2019. Attached.		

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)

	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> Coastal Mendocino County Stormwater Resource Plan. Section 1.7 Previous Work, pages 5-13. LACO Associates. 2019. Attached.	
	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> Coastal Mendocino County Stormwater Resource Plan. Section 1.2 Study Area Description, pages 1-2; Figures 3-7, PDF pages 76-80. LACO Associates. 2019. Attached.	
	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> Coastal Mendocino County Stormwater Resource Plan. Section 2.5 Water Quality Priorities pages 15-16; Section 3.3 Identify, Monitoring, and Data Requirements to Support SWRP Implementation, pages 22-25. LACO Associates. 2019. Attached.	
	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> Coastal Mendocino County Stormwater Resource Plan. Throughout document. Section 2.4 Surface and Groundwater Resources, page 15; Figures 4 and 5, PDF pages 77-78. LACO Associates. 2019. Attached.	
	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> Coastal Mendocino County Stormwater Resource Plan. Section 1.7 Previous Work, pages 5-13. LACO Associates. 2019. Attached.	
	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> Coastal Mendocino County Stormwater Resource Plan. Figures 3-4 and 7, pages 76-77 and 80. LACO Associates. 2019. Attached.	

	<p>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).</p>
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 3.1 Activities Contributing to Polluted Runoff; Section 3.2 Strategies to Address Pollutant Runoff and Sources, pages 16-22. LACO Associates. 2019. Attached.</p>	

<p style="text-align: center;">WATER QUALITY COMPLIANCE (GUIDELINES SECTION V)</p>	
	<p>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)</p>
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 3.1 Activities Contributing to Polluted Runoff, pages 16-18. LACO Associates. 2019. Attached.</p>	
	<p>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)</p>
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 3.2.1 State of California page 19; Section 3.2.2 County of Mendocino, pages 19-20. LACO Associates. 2019. Attached.</p>	
	<p>12. Plan identifies applicable permits and describes how it meets all applicable waste discharge permit requirements. 10562(b)(6)</p>
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 3.2.1 State of California, page 19; Section 3.2.2 County of Mendocino, pages 19-20; Section 3.2.3.2 Big River Watershed, page 21; Section 3.2.3.3 Noyo River Watershed, pages 21-22. LACO Associates. 2019. Attached.</p>	

<p style="text-align: center;">ORGANIZATION, COORDINATION, COLLABORATION (GUIDELINES SECTION VI.B)</p>	
	<p>13. Local agencies and nongovernmental organizations were consulted in Plan development. 10565(a)</p>
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 4.2.1.1 Technical Advisory Committee, pages 27-28. LACO Associates. 2019. Attached.</p>	

	14. Community participation was provided for in Plan development.	10562(b)(4)
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 4.1 SWRP Organization Structure, pages 25-26; Section 4.2 Coordination between SWRP Organization, TAC, Stakeholders, and SWRCB (Public Involvement and Participation Methods), pages 26-31. LACO Associates. 2019. Attached.</p>		
	<p>15. Plan includes description of the existing integrated regional water management group(s) implementing an integrated regional water management plan.</p>	
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 2.3 Public Agency Boundaries, page 15; Section 3.2 Strategies to Address Pollutant Runoff and Sources, pages 19-22. Section 4.2.1.3 Stewardship, pages 28-29. LACO Associates. 2019. Attached.</p>		

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

	<p>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 storm water and dry weather runoff management objectives of the Plan for the targeted watershed.</p>	
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 4.2 Coordination between SWRP Organization, TAC, Stakeholders, and SWRCB (Public Involvement and Participation Methods), pages 26-31. LACO Associates. 2019. Attached.</p>		
	<p>17. Plan includes identification of nonprofit organizations working on storm water and dry weather resource planning or management in the watershed.</p>	
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 4.2 Coordination between SWRP Organization, TAC, Stakeholders, and SWRCB (Public Involvement and Participation Methods), pages 26-31. LACO Associates. 2019. Attached.</p>		
	<p>18. Plan includes identification and discussion of public engagement efforts and community participation in Plan development.</p>	
<p><u>References:</u></p> <p>Coastal Mendocino County Stormwater Resource Plan. Section 4.3 Goals, pages 31-33. LACO Associates. 2019. Attached.</p>		
	<p>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</p>	

<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Sections 3.1 and 3.2. Activities Contributing to Polluted Runoff & Strategies to Address Pollutant Runoff and Sources, pages 16-22. LACO Associates. 2019. Attached.	
	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> Coastal Mendocino County Stormwater Resource Plan. Sections 3.1 and 3.2. Activities Contributing to Polluted Runoff & Strategies to Address Pollutant Runoff and Sources, pages 16-22. LACO Associates. 2019. Attached.	
	21. Plan describes the relationship of the Plan to other existing planning documents, ordinances, and programs established by local agencies.
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Sections 3.1 and 3.2. Activities Contributing to Polluted Runoff & Strategies to Address Pollutant Runoff and Sources, pages 16-22. LACO Associates. 2019. Attached.	
	22. (If applicable) Plan explains why individual agency participation in various isolated efforts is appropriate.
<u>References:</u> Not applicable. Individual agency participation in various isolated efforts is not proposed in this SWRP.	

QUANTITATIVE METHODS (GUIDELINES SECTION VI.C)	
	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.
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Section 5 Quantitative Methods, pages 33-37. LACO Associates. 2019. Attached.	
	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)

<u>References:</u>	
Coastal Mendocino County Stormwater Resource Plan. Appendix F Projects, PDF pages 103-159; Section 3.0 Water Quality Compliance, pages 16-25. LACO Associates. 2019. Attached.	
	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.
<u>References:</u>	
Coastal Mendocino County Stormwater Resource Plan. Appendix F Projects, PDF pages 103-159. LACO Associates. 2019. Attached.	
	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.
<u>References:</u>	
Coastal Mendocino County Stormwater Resource Plan. Appendix F Projects, PDF pages 103-159. LACO Associates. 2019. Attached.	
	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.
<u>References:</u>	
Coastal Mendocino County Stormwater Resource Plan. Appendix F Projects, PDF pages 103-159. LACO Associates. 2019. Attached.	
	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.
<u>References:</u>	
Coastal Mendocino County Stormwater Resource Plan. Section 8.2.4 Monitoring and Data Requirements, pages 47-48. LACO Associates. 2019. Attached.	

IDENTIFICATION AND PRIORITIZATION OF PROJECTS (GUIDELINES SECTION VI.D)	
	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>	
Coastal Mendocino County Stormwater Resource Plan. Appendix F, Projects. DOT – County Facilities Project – LID Retrofit, PDF pages 124-128. LACO Associates. 2019. Attached.	

	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> Coastal Mendocino County Stormwater Resource Plan. Appendix F, Projects. City of Fort Bragg – Trash Capture, PDF pages 110-116; City of Fort Bragg – Wastewater Treatment Plant Stormwater Upgrades, PDF pages 117-123. DOT- County Facilities Project - LID Retrofit, PDF pages 124-128. LACO Associates. 2019.		
	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> Coastal Mendocino County Stormwater Resource Plan. Appendix F Projects: Company Ranch Road Project, PDF pages 104-109; State Park Legacy Logging Road Rehabilitation, PDF pages 136-142. LACO Associates. 2019. Attached.		
	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> Coastal Mendocino County Stormwater Resource Plan. Appendix F, Projects: Georgia-Pacific Mill Wetland Project, PDF pages 129-135. LACO Associates. 2019. Attached.		
	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> Coastal Mendocino County Stormwater Resource Plan. Appendix F, Projects: DOT – County Facilities Project – LID Retrofit, page 124-128. LACO Associates. 2019. Attached.		

IDENTIFICATION AND PRIORITIZATION OF PROJECTS (GUIDELINES SECTION VI.D)		
	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 effective storm water and dry weather runoff management for new and upgraded infrastructure and residential, commercial, industrial, and public development.	10562(d)(6)

References:

Coastal Mendocino County Stormwater Resource Plan. Section 3.2.2 County of Mendocino, pages 19-20; Appendix F, Projects: Georgia-Pacific Mill Wetland Project, PDF pages 129-137. LACO Associates. 2019. Attached.

35. Plan uses appropriate quantitative methods for prioritization of projects. 10562(b)(2) (This should be accomplished by using a metrics-based and integrated evaluation and analysis of multiple benefits to maximize water supply, water quality, flood management, environmental, and other community benefits within the watershed.)

References:

Coastal Mendocino County Stormwater Resource Plan. Section 6.0 Identification and Prioritization of Projects, pages 38-42. LACO Associates. 2019. Attached.

36. Overall:
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.

References:

Coastal Mendocino County Stormwater Resource Plan. Section 6.0 Identification and Prioritization of Projects, pages 38-42; Section 7.0 Project Prioritization and Ranking, pages 43-44 . LACO Associates. 2019. Attached.

37. Multiple benefits:
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.)

References:

SWRP Guidelines Multiple Benefits, Page 30-31, Table 4. Stormwater Management Benefits California Water Boards Prepared on November 16, 2015
https://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/docs/draft_guidelines_120315.pdf

Coastal Mendocino County Stormwater Resource Plan. Section 5.0 Quantitative Methods and Section 6.0- Identification and Prioritization of Projects, pages 33-42; Appendix F Projects, PDF pages 104-160. LACO Associates. 2019 Attached.

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

	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.	
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Section 4.0 Organization, Coordination, and Collaboration, pages 25-33; Section 6.1 Project Prioritization, pages 38-42; Section 8.2.4 Monitoring and Data Requirements, pages 47-48; Section 8.2.5 Adaptive Management Approach, pages 48-50; and Section 8.2.8 Project Tracking, pages 51-53. LACO Associates. 2019. Attached.		
	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.	10562(d)(8)
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Section 8.0 Implementation Strategy and Schedule, pages 44-53. LACO Associates. 2019. Attached.		
	40. The Plan identifies the development of appropriate decision support tools and the data necessary to use the decision support tools.	10562(d)(8)
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Section 8.2 Implementation Strategies, pages 44-53. LACO Associates. 2019. Attached.		
	41. Plan describes implementation strategy, including: <ul style="list-style-type: none"> 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. 	
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Section 8.0 Implementation Strategy and Schedule, pages 44-53. LACO Associates. 2019. Attached.		
	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)
<u>References:</u> Coastal Mendocino County Stormwater Resource Plan. Section 8.2.6 Plan Implementation, pages 50-51. LACO Associates. 2019. Attached.		

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

43. Plan describes how implementation performance measures will be tracked.

References:

Coastal Mendocino County Stormwater Resource Plan. Section 8.0 Implementation Strategy and Schedule, pages 44-53. LACO Associates. 2019. Attached.

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

**44. Outreach and Scoping:
Community participation is provided for in Plan implementation.**

10562(b)(4)

References:

Coastal Mendocino County Stormwater Resource Plan. Section 4.0 Organization, Coordination, and Collaboration, pages 25-33. LACO Associates. 2019. Attached.

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:

Coastal Mendocino County Stormwater Resource Plan. Section 4.0 Organization, Coordination, and Collaboration, pages 25-33. LACO Associates. 2019. Attached.

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:

Coastal Mendocino County Stormwater Resource Plan. Section 4.3 Goals, pages 31-33. LACO Associates. 2019. Attached.

47. Plan describes mechanisms to engage communities in project design and implementation.

References:

Coastal Mendocino County Stormwater Resource Plan. Section 4.3 Goals, pages 31-33. LACO Associates. 2019. Attached.

48. Plan identifies specific audiences including local ratepayers, developers, locally regulated commercial and industrial stakeholders, nonprofit organizations, and the general public.

References:

Coastal Mendocino County Stormwater Resource Plan. Section 4.2 Coordination between SWRP Organization, TAC, Stakeholders, and SWRCB, pages 26-31. LACO Associates. 2019. Attached.

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

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.

References:

Coastal Mendocino County Stormwater Resource Plan. Section 4.2.1.3 Stewardship, pages 28-29. LACO Associates. 2019. Attached.

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

References:

Coastal Mendocino County Stormwater Resource Plan. Section 4.3 Goals, pages 31-33. LACO Associates. 2019. Attached.


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

References:

Coastal Mendocino County Stormwater Resource Plan. Section 4.2.1.4 Public Meeting, pages 29-30. LACO Associates. 2019. Attached.

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.

	Chief Executive Officer	7/29/19
_____	_____	_____
Authorized Signature	Title	Date

_____	_____	_____
Authorized Signature	Title	Date

Public Agency