

**STATE WATER RESOURCES CONTROL BOARD
BOARD MEETING SESSION – DIVISION OF WATER QUALITY
DECEMBER 15, 2015**

ITEM 4

SUBJECT

CONSIDERATION OF A PROPOSED RESOLUTION TO ADOPT THE STORM WATER RESOURCE PLAN GUIDELINES.

DISCUSSION

The draft Storm Water Resource Plan Guidelines (Guidelines) propose to establish guidance for the development of Storm Water Resource Plans in accordance with Water Code section 10565. (Senate Bill 985, Stats. 2014, ch. 555, § 5.) Water Code section 10563(c)(1) requires a Storm Water Resource Plan as a condition of receiving grants for storm water and dry weather runoff capture projects from any bond approved by voters after January 2014. These Water Code requirements apply to Proposition 1's \$200 million in grants for multi-benefit storm water management projects.

Water Code section 10565 requires the State Water Resources Control Board (State Water Board) to establish such guidance for public agencies to develop Storm Water Resource Plans prior to receiving bond funding. At a minimum, Water Code section 10565 requires that the Guidelines:

- Identify the types of local agencies and nongovernmental organizations that need to be consulted during the development of a Storm Water Resource Plan;
- Define the appropriate quantitative methods for identifying and prioritizing opportunities for storm water and dry weather runoff capture projects; and
- Define the appropriate geographic scale of watersheds for storm water resource planning.

The draft Storm Water Resource Plan Guidelines were released for public comment on August 28, 2015. Written comments were due on October 13, 2015. An overview of the draft Guidelines was presented by staff at the October 7, 2015 Board Workshop, which followed three public staff-level workshops held in Fresno, Fountain Valley, and Oakland, California.

POLICY ISSUE

What is the appropriate scope and content of Storm Water Resource Plans that will support funding of multi-benefit storm water and dry weather runoff capture and use projects that are part of a watershed-based plan?

FISCAL IMPACT

None.

REGIONAL BOARD IMPACT

None. Adoption of the guidelines are for the purpose of funding projects only.

STAFF RECOMMENDATION

State Water Board staff recommends adoption of the Resolution.

This item will assist the Water Boards in reaching Goal 4 of the Strategic Plan Update: 2008-2012: to comprehensively address water quality protection and restoration, and the relationship between water supply and water quality, and describe the connections between water quality, water quantity, and climate change, throughout California's water planning processes.

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STATE WATER RESOURCES CONTROL BOARD RESOLUTION 2015-

STORM WATER RESOURCE PLAN GUIDELINES

WHEREAS:

1. In 1992, to encourage groundwater management, the State legislature passed Assembly Bill 3030 (Stats., 1992, ch. 947, §§ 1-3), allowing local agencies to voluntarily create a groundwater management plan to address issues such as sea water intrusion into drinking water wells, groundwater overdraft and contaminated groundwater. Additionally, on August 31, 2002, the State legislature passed Senate Bill 1938 (Stats., 2002, ch. 603, §§ 1-8), requiring public agencies seeking State funding for groundwater projects to submit a groundwater management plan to the California Department of Water Resources.
2. On August 31, 2002, the State legislature passed Senate Bill 1672 (Stats., 2002, ch. 767, § 1) titled the Integrated Regional Water Management Planning Act, authorizing a regional water management group (as defined in the bill) to prepare and adopt an integrated regional water management plan that addresses programs, projects, reports, and studies relating to water supply, water quality, flood protection, and related matters for authorized local public agency implementation.
3. On September 8, 2009, the State legislature passed Senate Bill 790 (Stats., 2009, ch. 620, §§ 1-3) titled the Stormwater Resource Planning Act, authorizing bond-funded grants (Propositions 50 and 84) for low-impact development projects proposing to improve water quality, reduce storm water discharge, and/or implement a specified storm water resource plan.
4. In January 2014, in the midst of extreme drought conditions, Governor Edmund G. Brown Jr. released the California Water Action Plan for the State to meet three broad objectives:
 - (1) Create reliable water supplies;
 - (2) Restore important species and habitat; and
 - (3) Create resilient, sustainable water resources systems

The Water Action Plan calls for water supply, water quality, flood protection, and environmental projects that can withstand inevitable and unforeseen pressures in the coming decades. The Action Plan outlines the following ten actions:

- (1) Make conservation a California way of life;
- (2) Increase regional self-reliance and integrated water management across all levels of government;
- (3) Achieve the co-equal goals for water quality-based and water supply-based beneficial uses of the Delta;
- (4) Protect and restore important ecosystems;
- (5) Manage and prepare for dry periods;
- (6) Expand water storage capacity and improve groundwater management;
- (7) Provide safe water for all communities;

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- (8) Increase flood protection;
 - (9) Increase operational and regulatory efficiency; and
 - (10) Identify sustainable and integrated financing opportunities.
5. On September 16, 2014, Governor Brown signed the Sustainable Groundwater Management Act (Senate Bill 1168 (Stats. 2014, ch. 346, §§ 1-10), Assembly Bill 1739 (Stats. 2014, ch. 347, §§ 1-23), and Senate Bill 1319 (Stats. 2014, ch. 348, §§ 1-3)), mandating the creation of local groundwater sustainability agencies required to monitor and report groundwater extraction, and create sustainability plans that must achieve groundwater sustainability goals within 20 years of plan implementation. The legislation granted the Department of Water Resources expanded responsibilities, including requirements to revise groundwater basin boundaries and create guidelines to guide local agencies preparing groundwater sustainability plans.
 6. On November 4, 2014, Proposition 1 (Assembly Bill 1471, Stats., 2014, ch. 188, §§ 1-13) authorized funding of \$7.5 billion in general obligation bonds for water projects and programs as part of a statewide comprehensive water plan for California. The bond funds will be distributed through a competitive grant process overseen by various state agencies, including the Department of Water Resources, the State Water Resources Control Board (State Water Board) and the California Water Commission. Bond money will be granted for state water supply infrastructure projects providing surface and groundwater storage, flood control, ecosystem and watershed protection and restoration, drinking water protection, water supply management, water recycling and advanced water treatment technology.
 7. In September 2014, Senate Bill 985 (Stats. 2014, ch. 555, §§ 1-6) refined the Stormwater Resource Planning Act by amending sections 10561, 10562, 10563, and 10573 of, and adding sections 10561.5 and 10565 to, the Water Code. Water Code section 10562 requires a storm water resource plan as a condition of receiving funds from any bond approved after January 2014, including Proposition 1 which authorized \$200 million in grants for multi-benefit storm water management projects. Water Code section 10565 requires the State Water Board to establish storm water resource plan development guidance that shall include, but is not limited to, the following:
 - a. Identifying types of local agencies and nongovernmental organizations that need to be consulted in developing a storm water resource plan;
 - b. Defining appropriate quantitative methods for identifying and prioritizing opportunities for storm water and dry weather runoff capture projects;
 - c. Defining the appropriate geographic scale of watersheds for storm water resource planning; and
 - d. Other guidance the State Water Board deems appropriate to achieve the objectives of Water Code section 10565.
 8. The purpose of the Storm Water Resource Plan Guidelines (Plan Guidelines) is to establish guidance for the development of storm water resource plans in accordance with Water Code section 10562.

The Plan Guidelines apply to public agencies that receive grant funds for storm water and dry weather runoff capture projects, as further described in Section III of the Plan Guidelines. Each public agency must develop a storm water resource plan consistent

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with the Guidelines and compliant with Water Code requirements prior to receiving applicable bond funds associated with capture of storm water and dry weather runoff.

A collection of local and regional plans and local ordinances may constitute a functionally-equivalent plan if the individual plans and ordinances collectively meet all of the requirements of Water Code section 10560 et seq.

9. The Storm Water Resource Plan Guidelines do not apply to:
 - a. Funds provided for the purpose of developing a storm water resource plan; or
 - b. A grant for a disadvantaged community as defined in Water Code section 79505.5, with a population of 20,000 or less, and that is not a co-permittee for a municipal separate storm sewer system National Pollutant Discharge Elimination System permit issued to a municipality with a population greater than 20,000 (Wat. Code, § 10563(c)).
10. The Storm Water Resource Plan Guidelines serve as a guidance document for the State Water Board and other grant-dispensing agencies to use in administering funds. In addition to Water Code requirements, the Plan Guidelines include State Water Board recommendations that may be used for regulatory purposes at the regulating agency's discretion, or may be further developed for regulatory purposes in the future.
11. On August 28, 2015, the State Water Board issued draft Storm Water Resource Plan Guidelines for a forty-five day public review and comment period, with a comment due date of October 13, 2015. During the public comment period, State Water Board staff conducted three staff-level stakeholder outreach meetings on the following dates:
 - September 29, 2015 in Fresno, California
 - September 30, 2015 in Fountain Valley, California
 - October 1, 2015 in Oakland, California
12. On October 7, 2015, the State Water Board held a public workshop allowing stakeholders to orally present their comments regarding the proposed Storm Water Resource Plan Guidelines directly to the Board.
13. The State Water Board has considered all public comments and testimony received on the draft Storm Water Resource Plan Guidelines and made appropriate revisions.
14. Adoption of the Storm Water Resource Plan Guidelines is not subject to the California Environmental Quality Act because the guidelines is not a "project" as defined in section 15378 of title 14 of the California Code of Regulations. The Plan Guidelines do not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment. Accordingly, adoption of the Plan Guidelines has no potential to result in a foreseeable direct or indirect change on the environment.
15. The Storm Water Resource Plan Guidelines are consistent with the California Water Action Plan and Water Code section 10560 et seq. requirements.

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THEREFORE BE IT RESOLVED THAT:

The State Water Board adopts the [Storm Water Resource Plan Guidelines](#) including its appendices as attached hereto.

CERTIFICATION

The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on December 15, 2015.

Jeanine Townsend
Clerk to the Board

Appendix A: Checklist and Self-Certification

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.

- A. Mark the box if the Storm Water Resource Plan, or a functional equivalent Plan, meets the provision
- B. In the provided space labeled References, enter:
 1. Title of document(s) that contain the information;
 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);
 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		
Y/N	Plan Element	Water Code Section

WATERSHED IDENTIFICATION (GUIDELINES SECTION VI.A)		
<input type="checkbox"/>	Plan identifies watershed and subwatershed(s) for storm water resource planning.	10565(c) 10562(b)(1) 10565(c)
<u>References:</u>		
<input type="checkbox"/>	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.	
<u>References:</u>		

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)

<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	

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

<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		
<input type="checkbox"/>	Plan identifies applicable permits and describes how it meets all applicable waste discharge permit requirements.	10562(b)(6)
<u>References:</u>		

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

<input type="checkbox"/>	Local agencies and nongovernmental organizations were consulted in Plan development.	10565(a)
<u>References:</u>		
<input type="checkbox"/>	Community participation was provided for in Plan development.	10562(b)(4)
<u>References:</u>		
<input type="checkbox"/>	Plan includes description of the existing integrated regional water management group(s) implementing an integrated regional water management plan.	
<u>References:</u>		

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

<input type="checkbox"/>	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.
<u>References:</u>	
<input type="checkbox"/>	Plan includes identification of nonprofit organizations working on storm water and dry weather resource planning or management in the watershed.
<u>References:</u>	
<input type="checkbox"/>	Plan includes identification and discussion of public engagement efforts and community participation in Plan development.
<u>References:</u>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	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>	
<input type="checkbox"/>	Plan describes the relationship of the Plan to other existing planning documents, ordinances, and programs established by local agencies.
<u>References:</u>	
<input type="checkbox"/>	(If applicable)Plan explains why individual agency participation in various isolated efforts is appropriate.
<u>References:</u>	

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

<input type="checkbox"/>	<p>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></p>
<input type="checkbox"/>	<p>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></p>
<input type="checkbox"/>	<p>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></p>
<input type="checkbox"/>	<p>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></p>
<input type="checkbox"/>	<p>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></p>
<input type="checkbox"/>	<p>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></p>

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

<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		

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

<input type="checkbox"/>	<p>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.</p>	10562(d)(6)
<u>References:</u>		
<input type="checkbox"/>	<p>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 water supply, water quality, flood management, environmental, and other community benefits within the watershed.)</p>	10562(b)(2)
<u>References:</u>		
<input type="checkbox"/>	<p><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>	
<u>References:</u>		
<input type="checkbox"/>	<p><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>	
<u>References:</u>		

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

<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		
<input type="checkbox"/>	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>		
<input type="checkbox"/>	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.	
<u>References:</u>		
<input type="checkbox"/>	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>		

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

Plan describes how implementation performance measures will be tracked.

References:

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

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

10562(b)(4)

References:

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:

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:

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

References:

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

References:

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

<input type="checkbox"/>	Plan describes strategies to engage disadvantaged and climate vulnerable communities within the Plan boundaries and ongoing tracking of their involvement in the planning process.
<u>References:</u>	
<input type="checkbox"/>	Plan describes efforts to identify and address environmental injustice needs and issues within the watershed.
<u>References:</u>	
<input type="checkbox"/>	Plan includes a schedule for initial public engagement and education.
<u>References:</u>	

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.

Signature Title Date

Signature Title Date

APPENDIX B: Useful Web Links

Storm water and dry weather runoff capture and use activities must be consistent with applicable federal and state regulations and policies, include State Water Resource Control Board (State Water Board) plans and policies, and Regional Water Board water quality control plans (Basin Plans), including total maximum daily loads (TMDLs) adopted by the Regional Water Boards. The list below includes, but is not limited to, links to the above referenced plans and policies.

Ahwahnee Principles	www.lgc.org/water-guidebook
American Society of Civil Engineers (ASCE)	www.asce.org
California Environmental Quality Act (CEQA) Information	
Environmental Information:	http://ceres.ca.gov/index.html
California State Clearinghouse Handbook:	http://opr.ca.gov/docs/SCH_Handbook_2012.pdf
CEQA Guidelines:	http://resources.ca.gov/ceqa/docs/2014_CEQA_Statutes_and_Guidelines.pdf
California Law	www.leginfo.ca.gov
California Labor Code	www.leginfo.ca.gov/cgi-bin/calawquery?codesection=lab&codebody=&hits=20
California Water Code	www.leginfo.ca.gov/cgi-bin/calawquery?codesection=wat&codebody=&hits=20
Public Resources Code	www.leginfo.ca.gov/cgi-bin/calawquery?codesection=prc
California Office of Administrative Law	www.oal.ca.gov
California Native American Heritage Commission	www.nahc.ca.gov
Department of Industrial Relations	www.dir.ca.gov
Environmental Justice	www.waterboards.ca.gov/water_issues/programs/outreach/education/justice.shtml
Environmental Justice Coalition for Water	www.ejcw.org
Environmental Justice Program (USEPA's)	www.epa.gov/compliance/environmentaljustice/index.html
Green Infrastructure	water.epa.gov/infrastructure/greeninfrastructure/index.cfm
International Storm Water BMP Database	www.bmpdatabase.org
Integrated Regional Water Management (IRWM) Plans	www.grantsloans.water.ca.gov/grants/implementation/prop84/integregio_fundingarea.cfm
Local Government Commission Commission	www.lgc.org
Low Impact Development (LID)	
USEPA	www.epa.gov/nps/lid
State Water Resources Control Board	www.waterboards.ca.gov/water_issues/programs/low_impact_development/index.shtml
A Review of Low Impact Development Policies: Removing Institutional Barriers to Adoption:	www.waterboards.ca.gov/water_issues/programs/low_impact_development/docs/ca_lid_policy_review.pdf

APPENDIX B: Useful Web Links

Performance Assessment and Evaluation Plan (PAEP) Websites

Project Planning, Research, Monitoring, and Assessment (many of these resources also apply to BMP implementation or habitat restoration effectiveness monitoring)

cwam.ucdavis.edu
www.waterboards.ca.gov/water_issues/programs/swamp/cwt_volunteer.shtml
cfpub.epa.gov/watertrain/index.cfm
www.epa.gov/region09/qa/pdfs/csrbp_2003.pdf
www.cramwetlands.org
www.calfish.org/DesktopDefault.aspx?tabId=112
www.cnr.berkeley.edu/forestry/comp_proj/DFG/Monitoring%20the%20Implementation%20and%20Effectiveness%20of%20Fisheries.pdf

Education and Outreach

www.michigan.gov/deq/0,1607,%207-135-3313_3682_3714-75944--00.html

Pollutant Load Reduction Activities

www.sfei.org/sites/default/files/564_RMP_GuadWSmodelYr1_final_web.pdf

Habitat Restoration

www.dfg.ca.gov/nafwb/manual.html
www.dfg.ca.gov/nafwb/pubs.html
water.usgs.gov/nawqa/protocols/OFR-93-408/habit1.html

PAEP Tools and Project Performance Measures Tables

www.waterboards.ca.gov/water_issues/programs/grants_loans/paep/index.shtml

Regional Water Boards Watershed Management Initiative Chapters

Region 1: www.waterboards.ca.gov/northcoast/water_issues/programs/watershed_management_initiative.shtml
Region 2: www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/watershed/WMI/watershedmanagement.shtml
Region 3: www.waterboards.ca.gov/centralcoast/water_issues/programs/wmi/index.shtml
Region 4: www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed
Region 5: www.waterboards.ca.gov/centralvalley/water_issues/watershed_management/r5_wmi_chapter.shtml
Region 6: www.waterboards.ca.gov/lahontan/water_issues/programs/watershed_management/index.shtml
Region 7: www.waterboards.ca.gov/coloradoriver/water_issues/programs/wmi/wmi_chapter.shtml
Region 8: www.waterboards.ca.gov/santaana/water_issues/programs/wmi/index.shtml
Region 9: www.waterboards.ca.gov/sandiego/water_issues/programs/wmc/index.shtml

Regional Water Quality Control Plans (Basin Plans)

Region 1: www.waterboards.ca.gov/northcoast/water_issues/programs/basin_plan
Region 2: www.waterboards.ca.gov/sanfranciscobay/basin_planning.shtml
Region 3: www.waterboards.ca.gov/centralcoast/publications_forms/publications/basin_plan/index.shtml
Region 4: www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan
Region 5: www.waterboards.ca.gov/centralvalley/water_issues/basin_plans
Region 6: www.waterboards.ca.gov/lahontan/water_issues/programs/basin_plan/index.shtml
Region 7: www.waterboards.ca.gov/coloradoriver/water_issues/programs/basin_planning
Region 8: www.waterboards.ca.gov/santaana/water_issues/programs/basin_plan/index.shtml
Region 9: www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/index.shtml

State Water Board Program Information

303d List: www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml
Division of Financial Assistance: www.waterboards.ca.gov/water_issues/programs/grants_loans
Groundwater Monitoring: www.waterboards.ca.gov/gama
National Pollutant Discharge Elimination System (NPDES) Permit Program
NPS Program: www.waterboards.ca.gov/water_issues/programs/nps/
Proposition 1 Grant Program: www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1.shtml
Storm Water Regulatory Program: www.waterboards.ca.gov/water_issues/programs/stormwater
Strategic Plan: www.waterboards.ca.gov/water_issues/hot_topics/strategic_plan/2007update.shtml
Ocean Plan: www.swrcb.ca.gov/water_issues/programs/ocean/
Areas of Special Biological Significance (ASBS): www.swrcb.ca.gov/water_issues/programs/ocean/asbs.shtml

APPENDIX B: Useful Web Links

State Water Board Statewide Data Management Programs

California Integrated Water Quality System (CIWQS)

www.waterboards.ca.gov/water_issues/programs/ciwqs/index.shtml

Surface Water Ambient Monitoring Program (SWAMP):

www.waterboards.ca.gov/water_issues/programs/swamp

SWAMP Quality Assurance Project Plan (QAPP):

www.waterboards.ca.gov/water_issues/programs/quality_assurance/index.shtml

US Census 2000

www.census.gov/main/www/cen2000.html

USEPA's Nonpoint Source Program

water.epa.gov/polwaste/nps/

USEPA's Storm Water Program

www.epa.gov/npdes/stormwater