

Proposition 1 (Prop 1) Storm Water Grant Program

Round 1 Implementation Grant Proposal Solicitation Workshop Agenda

WORKSHOP OBJECTIVES:

1. Provide an overview of the grant process, Prop 1, Chapter 7, section 79747, and the adopted Proposition 1 Storm Water Grant Program Guidelines (www.waterboards.ca.gov/swgp)
2. Answer applicant-specific questions on the proposal questionnaires, priorities, and the scoring criteria.
3. Assist applicants in completing on-line applications using the Financial Assistance Application Submittal Tool (FAAST).

AGENDA:

- Introduction and Workshop Overview – Sean Maguire
- Prop 1 SWGP Implementation Grant Presentation – SWGP Unit Staff
- General Application and Guideline Questions – Kelley List
 - ❖ Please ask questions that will enlighten all, save your unique planning questions for one on one assistance following the presentation
 - ❖ Send Questions/Comments during or after the presentation to:
DFA_Grants@waterboards.ca.gov
- Breakout – Project Specific Assistance (as time permits)

HANDOUTS:

- Storm Water Resource Plan Checklist
- Guideline, Appendix C
- Presentation
- Budget Tables
- Cost Benefit Evaluation
- PAEP Tables
- Cost Benefit Analysis

ELECTRONIC MAILING LIST:

To subscribe to the mailing list, select “Storm Water Grant Program” on the subscription form, located on-line at: http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml

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"/>	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)
<u>References:</u>		
<input type="checkbox"/>	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.)	10562(b)(2)
<u>References:</u>		
<input type="checkbox"/>	<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.	
<u>References:</u>		
<input type="checkbox"/>	<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.)	
<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:

APPENDIX C: IMPLEMENTATION PROPOSAL APPLICATION & EVALUATION CRITERIA

Appendix C-1 Implementation Proposal Application

Appendix C-2 Implementation Proposal Evaluation Criteria

Please note that the application and/or review questions outlined in Appendix C may be reworded, combined, or separated as the information is transferred to the online FFAST. Division staff may make clarifying or editorial changes to the application following adoption of these Guidelines. Appendix C is subject to change depending on the final preparation of the review questionnaire for the FFAST system. Appendix C is a tool to guide applicants on the types of information that will be required; however, please refer to FFAST upon opening of the solicitation for the final list of questions and required attachments. No substantive changes will be made to the evaluation criteria and scoring scheme.

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

Appendix C-1: Implementation Proposal Application

The following information is provided as a guide for applicants to ensure that they have submitted the required information.

A. Program Selection & General FFAST Information	
1.	PROJECT SELECTION
	Select the “Prop 1 SWGP Implementation Round 1” or “Prop 1 SWGP Implementation Round 2”.
2.	GENERAL INFORMATION
	<u>Project Title</u> – Provide the title of the proposal.
	<u>Project Description</u> – Provide a brief description of the project. The length of the Project Description is limited to 250 characters (including spaces).
	<u>Applicant Details</u> – Provide the name and address of the applicant organization.
	<u>Project Director</u> – The Project Director (PD) is responsible for adhering to the terms of the grant agreement, keeping the project on track, submitting deliverables in a timely manner, and overall management of the administrative and technical aspects of the grant agreement. The PD must be an employee of the Grantee. Persons that are subcontractors to be paid by the grant cannot be listed as the PD.
	<u>Grant Contact</u> – The Grant Contact is the day-to-day contact on the project from the applicant organization.
	<u>Grant Funds Requested</u> – Provide amount of grant funds requested for the project in dollars.
	<u>Total Budget</u> – Includes the grant funds requested, funding match and other funding sources not reported as match (e.g., other grant funds).
	<u>Latitude/Longitude</u> – Enter latitude/longitude coordinates of the approximate midpoint of the project location in degrees using decimal format.
	<u>Watershed</u> – Provide names of the watersheds where the project is located. If the project covers multiple watersheds, list the primary watershed first.
	<u>County</u> – Provide the county in which the project is located. If the project covers multiple counties, select “Multiple Counties” from the drop-down list.
	<u>Responsible Regional Water Board</u> – Provide the name of the Regional Water Quality Control Board (Regional Water Board) in which the project is located. If the project extends beyond one Regional Water Board boundary, select “Statewide” from the drop-down list.
3.	LEGISLATIVE INFORMATION
	Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located. For projects that include more than one district, please enter each district. Lookup tables are provided in FFAST to assist with determining the appropriate districts.
4.	COOPERATING ENTITIES
	Include entities that have/will assist the applicant in project development or implementation. Provide names of cooperating entities, role/contribution to project, first and last name of entity contact, phone number, and email address.
5.	AGENCY CONTACTS
	If the applicant has been collaborating with State and Federal agencies (Department of Water Resources [DWR], Regional Water Board, State Water Board, U.S. EPA, etc.) in proposal/project development, please provide agency name, agency contact first and last name, phone, and email address. This information is used to identify individuals who may have an understanding of a project and in no way indicates an advantage or disadvantage in the ranking process.
6.	APPLICATION QUESTIONNAIRE
	The answers to these questions will be used in processing the application and determining the eligibility and completeness of the application.
7.	PROJECT CLASSIFICATION
	These questions allow State Water Board staff to categorize the types of activities the project is proposing to implement.

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

B. Background Information	
1.	ELIGIBILITY REQUIREMENTS
	<p>1. Select the applicant’s organization type from the drop-down menu. In order to be considered eligible, the applicant must be a public agency, nonprofit organization, public utility, federally recognized Indian tribe, State recognized Indian tribe listed on the Native American Heritage Commission’s Tribal Consultation List, mutual water company, or an eligible GSA.</p>
	<p>2. Is the proposed project included within a Storm Water Resource Plan that addresses the requirements of the Water Code and the Storm Water Resource Plan Guidelines? Provide a copy of the Plan(s) as Attachment 1 along with the completed Storm Water Resource Plan Self-Certification Checklist provided in the Storm Water Resource Plan Guidelines. If a Storm Water Resource Plan is not provided, please explain the status of the Plan, steps needed to complete the Plan, contact information for the lead entity preparing the Plan, and assurances that the Plan will be completed and submitted along with the completed self-certification checklist within 90 days of the grant award. If the applicant is a DAC that is exempt from the Water Code requirements, is the project included and implemented in an adopted IRWMP? Provide documentation showing the project is included and implemented in an adopted IRWMP.</p>
	<p>3. Are you an Urban Water Supplier, Agricultural Water Supplier, or local groundwater user? If yes, have you adopted and submitted to DWR an Urban Water Management Plan, an Agricultural Water Management Plan, or any required Groundwater Management Plan?</p>
	<p>4. Is the proposed project consistent with the applicable Basin Plan, including any TMDLs, and any applicable NPDES permit or WDRs? For projects that address discharge of storm water or dry weather runoff to an ASBS, is the project consistent with or identified in the applicable ASBS compliance plan?</p>
	<p>5. Is the project type consistent with the eligible project types described in the Prop 1 SWGP Guidelines (Eligibility Requirements; Part B)? Please explain.</p>
	<p>6. What percent funding match will be provided? If less than 50% is proposed, provide the required attachments (Attachments 9 and 10) and supporting documentation in the application. See Appendix A for further details.</p>
	<p>7. Is the project a multi-benefit project that contains a minimum of two benefits listed in the Guidelines Part III, Section G – Storm Water Management Benefits? List the multi-benefits the proposed project addresses. Backup documentation justifying these claims will be required in the Workplan attachment and quantified in the Benefit attachment.</p>
	<p>8. If the applicant or any cooperating entity has received funding from the State Water Board previously, did the applicant or cooperating entity complete the project(s) in accordance with the funding agreement and demonstrate its ability to competently manage the project? Has the applicant or any cooperating entity entered into a contract or grant agreement with the State Water Board: (1) that was terminated; (2) in which funds were withheld by the State Water Board; (3) in which the grantee was notified of a Breach of Agreement; or (4) that has been the subject of an audit in which there were findings regarding management of the project or funds by the applicant or cooperating entity? If so, explain the actions taken to address the problems.</p>

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

	CERTIFICATION
	<p>9. _____(initials): By initialing the box, the <u>Project Director</u> is certifying that:</p> <ol style="list-style-type: none"> a) The applicant(s) is/are an eligible entity; b) The project is listed and implemented in an adopted IRWMP and Plan, or equivalent, that has been submitted to your local IRWM group OR that a Plan(s) will be completed within 90 days of grant award; c) He/she is aware that any attachment exceeding the page limit listed above will not be reviewed beyond the page limit (i.e., a workplan exceeding 20 pages maximum will be reviewed up to Page 20 only; any subsequent pages will be eliminated from the review process); d) He/she is aware that, once the proposal has been submitted in FFAST, any privacy rights as well as other confidentiality protections offered by law with respect to the application package and project location are waived; e) The proposed project will contribute to sustained, long-term water benefits for a period of 20 years and addresses the causes of degradation rather than the symptoms; and f) He/she has read and agrees to the General Terms and Conditions of the grant agreement. If the Project Director does not agree with the terms and conditions, then a grant award may be denied. (All applicants are required to check the box and initial next to the statement for their application to be reviewed. All applications missing the Certification will be deemed incomplete and ineligible.)
C. Implementation Proposal Questions	
2.	WORKPLAN
	<p>10. Please describe whether you are submitting multiple plans for a functionally equivalent Storm Water Resource Plan or whether the project is included in a completed the Storm Water Resource Plan that addresses requirements in the Water Code and is in accordance with the Storm Water Resource Plan Guidelines. Include the Plan(s) as Attachment 1 for review. Discuss how the project is identified and prioritized in the Plan(s). Describe whether the proposed project is a high-priority project or addresses a critical programmatic need identified in a Storm Water Resource Plan. Provide specific page references to the Plan(s) for easy reference. If the Storm Water Resource Plan, or functionally equivalent plan(s), is not completed, please explain how the project will be identified and prioritized in the Plan(s). For those who believe their project is eligible for the ASBS or Clean Beaches Program funds, please explain how the project is eligible.</p>
	<p>11. Prepare a workplan (Attachment 2, 20 pages maximum) that describes the project in detail and how it meets the eligible project types outlined in Section III, B of the Eligibility Requirements. Describe the tasks for the project with enough detail and completeness that it is clear the project can be implemented. The workplan should include, but is not limited to:</p> <ol style="list-style-type: none"> a) Goals and Objectives: a brief description of how the project protects or improves water quality, helps water infrastructure systems adapt to climate change, provides incentives for water agencies throughout each watershed to collaborate in managing the region’s water resources and setting regional priorities for water infrastructure, improves regional water self-reliance, and provides multiple benefits; b) Purpose and Need: a description of the long-term water quality of the storm water or dry weather runoff and the known sources of storm water contamination; the approximate quantity of storm water flow to be captured by the completed project; the water supply offset as a result of the overall project (if applicable); and a description of the other benefits expected from the project; c) Site Investigation: discuss research completed to select the site that may include: GeoTracker and EnviroStor database research, soils reports, depth to groundwater, historical aerial photo research, and onsite geotechnical and environmental investigations; d) Sustainability: discuss how the project supports sustained, long-term water quality improvement and the other benefits associated with the project;

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

	<ul style="list-style-type: none"> e) Regional Map: a figure with a discussion of the project location including the current site conditions and land use identification of the applicable IRWM group boundaries, and identification of any Areas of Special Biological Significance; f) Project Map: maps depicting the project location and storm water capture area and size of area to be treated; g) Impaired Waters: a description of the impaired waters, their beneficial uses, and the water quality problems that interfere with the beneficial uses of those waters; and h) Project Timing and Phasing: a discussion of whether this is a phased project or part of a larger project effort.
	<p>12. Provide in the workplan (Attachment 2) a section called Proposed Work Tasks that includes, but is not limited to:</p> <ul style="list-style-type: none"> a) Work Tasks: a detailed description of the work tasks with adequate detail and completeness to clarify the project can be implemented; b) Procedures: a discussion on coordination with cooperating entities, agencies, and/or organizations; c) Implementation: a detailed description of the proposed approach, including a thorough discussion of the practices the project is proposing to use to solve the problem, and the technical basis for the selected approach; d) Existing Data and Studies: the necessary scientific and technical information to support the feasibility of the project; e) Stakeholder Involvement: a discussion on how stakeholders were involved in the Storm Water Resource Plan(s) development and prioritization of projects and how they will be involved in the implementation of the project(s); f) Deliverables: a list of deliverables and reporting for each tasks (i.e. for Administration – quarterly invoices, draft final report, final report, final project summary, final project certification and inspection; for Construction – Notice to Proceed, construction progress reports with photos of progress) g) Permitting and Environmental Review: a list of required permits, environmental documentation, and landowner/access agreements required to implement the project, including a description of any water rights issues that need to be addressed h) Plans and Specifications; the status of the plans and specifications and a copy of the current plan set or concept engineer’s drawings; i) Data Management: a discussion of the proposed data collection and monitoring, how that data will be managed, whether an Monitoring Plan and QAPP are required, and whether the data will be submitted to CEDEN and/or GAMA; and j) Education and Outreach: a description of the type of education and community outreach proposed for the project.
	<p>13. Describe how the applicant demonstrates the experience, knowledge, and skills necessary to successfully complete the project. The applicant may provide examples of past successes in completing previous grant funded projects or other relevant supporting information. Resumes for each person listed on the technical and planning team is required (Attachment 3).</p>
3.	BUDGET
	<p>14. Provide summary and detailed budget tables (Attachment 4) for the proposal. Be sure that the tasks listed in the budget are consistent with the workplan and schedule, and provide necessary supporting documentation to justify the costs shown. Be sure that the tasks and subtasks in the budget summary and the detailed budget tables match.</p>
	<p>15. Provide detailed written explanation (Attachment 4) that includes, but is not limited to:</p> <ul style="list-style-type: none"> a) A description to support each budget category; b) An explanation of how the costs were estimated; c) A discussion on the project capital and O&M costs, and how long the project will remain

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

	<p>operational before it requires replacement;</p> <p>d) A description of the ongoing support and financing to continue the O&M for the useful life of the project (20 years post construction);</p> <p>e) A discussion on how the project is economically feasible, such as the cost per gallon treated/captured, and/or another measure of economic benefit such as the Triple Bottom Line approach, and how the project data will be used to demonstrate the economic benefit of the implemented approach;</p> <p>f) An explanation of the sources of matching funds (does the project leverage any existing or potential funds from local and other sources), how much and from what sources the matching funds are provided, and how secure each funding source is; and</p> <p>g) A discussion on whether a reduction in matching funds will be requested, the amount of reduction of match, the justification for the reduction in match, and the percent of grant funds that will solely benefit a DAC/EDA.</p>
4.	SCHEDULE
	<p>16. Provide a Gantt Chart, or other similar type of chart, that provides the start and end dates of each category, task, and subtask (Attachment 5). Be sure that the categories, tasks, and subtasks are consistent with the budget and workplan.</p>
	<p>17. Provide a detailed written explanation (Attachment 5) that includes, but is not limited to:</p> <p>a) A discussion on how the timeline is consistent with the workplan and budget;</p> <p>b) A description of the possible obstacles to completing the tasks or subtasks;</p> <p>c) A discussion relating to the elements of the project, their current status, and how the tasks and subtasks will be completed in a timely manner; and</p> <p>d) A description on the status of the environmental documents required for the project, what permits are required to complete the project and status of obtaining those permits, site access issues, and the status of obtaining access agreements or land purchases (if needed).</p>
5.	MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES
	<p>18. Include a Project Assessment and Evaluation Plan (PAEP) Table (Attachment 7) that:</p> <p>a) Identifies targets appropriate for the benefits claimed, with emphasis on the benefits that are obtainable using the requested grant funds;</p> <p>b) Discusses the proposed measurement methods needed to evaluate project performance and progress toward meeting the targets;</p> <p>c) Describes any monitoring activities proposed, parameters and frequency of monitoring, and how the data will be integrated into CEDEN; and</p> <p>d) Describes whether the proposal leverages existing monitoring efforts.</p>
6.	MULTIPLE BENEFITS
	<p>19. Please select two to three benefits (as listed in Section III, G Storm Water Management Benefits) that the proposed project will address. Choose one primary benefit (the main benefit the project will accomplish) and one or two secondary benefits. Any of the benefits listed in the Guidelines may be selected as either primary or secondary benefits. Provide a quantified estimate of the primary benefit and each quantifiable secondary benefit expected, with sufficient detail and backup documentation to support the estimate. Attach a table that explains the annual quantifiable benefit(s) over the useful life of the project and a cost effectiveness table for each benefit claimed (Attachment 8). Provide a narrative description of any non-quantifiable benefit claimed.</p>

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

7.	DAC/EDA BENEFITS
	<p>20. Is the applicant a DAC/EDA or is a DAC/EDA directly involved in the planning of the proposed project? Does the project benefit a DAC/EDA? To obtain points for benefiting a DAC/EDA, please provide Attachment 11 discussing, at a minimum, the following:</p> <ul style="list-style-type: none"> a) The demographics of the DAC or EDA communities in the project area; b) The methodology used in determining the total population in the project area and census geographies used and how they were applied; c) How land-use in the project area impacts the DAC or EDA; d) Efforts made to identify and address DAC or EDA needs and issues within the project area and how the project will address those needs and issues; e) The direct benefits to the DAC or EDA; and f) Any negative impact the proposed project may have on the DAC or EDA.

APPLICATION ATTACHMENTS		
<p>Provide the attachments listed below by attaching files, no larger than 25 megabytes, to the FAAST application. When attaching files, applicants must use the naming convention noted in the Solicitation Notice.</p>		
Attachment #	Title	Description
Attachment 1	Storm Water Resource Plan/ ASBS Compliance Plan	Provide a completed self-certification checklist found in the Storm Water Resource Plan Guidelines. If a Plan(s) is not completed, attach a status update, schedule, and steps needed to complete the Plan(s). Include assurances that the Plan(s) will be completed within 90 days of the grant award. Provide contact information for entity(ies) responsible for developing the Storm Water Resource Plan. If a Storm Water Resource Plan is not required (eligible DAC), provide the documentation supporting the exemption from the requirement and documentation that the project is included in the local IRWMP. If the project is listed in an ASBS Compliance Plan, attach the plan as Attachment 1.
Attachment 2	Workplan	Workplan including maps, diagrams, and/or photographs of the proposed project area. Any pages greater than the allowed 20 pages will NOT be reviewed. For guidance on the workplan, please see our website at: http://www.waterboards.ca.gov/swgp
Attachment 3	Resumes	Provide a description of the technical advisory and planning team, their background in similar projects, success with similar construction projects, and a resume for each person listed.
Attachment 4	Budget	Provide summary and detailed budgets (Excel) and a Word document describing how the cost was determined. Guidance on how to write a budget is located on the SWGP website at: http://www.waterboards.ca.gov/swgp
Attachment 5	Schedule	Provide a schedule for implementation of the project showing the sequence and timing of the proposed work items. The schedule should show the start and end dates and milestones.
Attachment 6	Environmental Clearance Checklist & CEQA Documentation	Provide the status of all environmental documents required for the project. Attach any draft or final CEQA documents that are available. For guidance on the environmental clearance, please see our website at: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/grant_info/index.shtml#ceqa

APPENDIX C – 1: IMPLEMENTATION PROPOSAL APPLICATION

Attachment 7	Performance Measures	Applicants are required to submit a PAEP table specific to their proposed project. For an example and template of the PAEP table, please see our website at: http://www.waterboards.ca.gov/swgp
Attachment 8	Benefit Quantities and Cost Benefit Analysis	Applicants are required to submit a table depicting the annual quantifiable benefit over the life of the project and a cost effectiveness table for each benefit claimed. An example of the tables can be found on our website at: http://www.waterboards.ca.gov/swgp .
Attachment 9	Technical Report Summary	Provide a summary of the technical report(s) results that can be used to verify that appropriate background data was gathered and studies were performed in the development of the proposed project, selection of BMPs, and to assess the proposed project's ability to produce the benefits claimed. Furthermore, applicants must provide detailed technical information enabling a reviewer to understand and verify the benefits claimed. These reports that are summarized should be consistent with the Storm Water Resource Plan included as Attachment 1.
Attachment 10 (If Applicable)	Request for Reduced Funding Match	Applicants requesting a reduced funding match must demonstrate that they are DACs or an EDA, or are applying on behalf of a DAC or EDA. See Appendix A for more information. For assistance regarding requesting a match reduction, please contact State Water Board staff, Ms. Kelley List, at (916) 319-9226.
Attachment 11 (if Applicable)	DAC/EDA Benefits	Applicant's response to the questions provided in the application will be used to determine whether the proposal should receive any points for benefiting a DAC or EDA. See Appendix A, Step E, for further information.
Attachment 12	Letters of Support or Opposition	Submit electronic copies of any letters of support for or opposition to the proposed projects. General letters of support or opposition will not be considered. Letters of support or opposition must clearly state how implementation of the project will benefit or adversely impact the individual or entity providing the letter. All letters should be attached to your proposal in FFAST, and may be addressed to the Applicant. Letters mailed into the State Water Board's offices or e-mailed to State Water Board staff or Board Members <u>will not be reviewed by the grant reviewers.</u>

APPENDIX C – 2: IMPLEMENTATION PROPOSAL EVALUATION CRITERIA

Appendix C-2: Implementation Proposal Evaluation Criteria

This Section includes the Implementation Proposal eligibility and evaluation criteria that will be used by reviewers. This Section is broken into two sections: Eligibility Review Criteria and Project Evaluation Criteria.

PROPOSITION 1 STORM WATER GRANT PROGRAM		
IMPLEMENTATION PROPOSAL EVALUATION: ELIGIBILITY REVIEW		
ELIGIBILITY CRITERIA	YES/ NO	KEY
1. Is the applicant an eligible entity?		<p>Applicant must receive “Yes” to be eligible for funding.</p> <p>Applicant must receive “Yes” to be eligible for funding.</p>
2. A “yes” answer must be provided to one of the following: <ul style="list-style-type: none"> a. Did the applicant include a copy of the Storm Water Resource Plan, or equivalent, which addresses the requirements of the Water Code and the Storm Water Resource Plan Guidelines? Did the applicant also provide a completed Storm Water Resource Plan Self-Certification Checklist? If not, did the applicant provide a status update of the Plan(s) and assurances that the Plan(s) will be completed within 90 days of grant award? b. If the applicant is exempt from the Storm Water Resource Plan requirements, did the applicant provide documentation showing the project is included and implemented in an adopted IRWMP? c. If the project qualifies for ASBS funds, did the applicant provide evidence that the project is in an ASBS Compliance Plan? 		
3. Is the applicant an Urban Water Supplier, Agricultural Water Supplier, or a local groundwater user? If yes, have they submitted the required documentation to DWR?		
4. Is the project consistent with the Basin Plan, including TMDL requirements, any applicable NPDES permits and WDRs, and any applicable ASBS compliance plan?		
5. Is the project consistent with the eligible project types listed in the Guidelines?		
6. Do the start and end dates fall within those listed in the Guidelines?		
7. Is the proposed project a multi-benefit project that contains a minimum of two benefits listed in Part III, Section G – Storm Water Management Benefits?		
8. If the applicant or cooperating entity has received funding from the State Water Board previously, did the applicant or cooperating entity complete the project(s) in accordance with the funding agreement and demonstrate its ability to competently manage the project?		

APPENDIX C – 2: IMPLEMENTATION PROPOSAL EVALUATION CRITERIA

9. Has the applicant checked the box and initialed that the Project Director has read the Certification? (All applicants are required to check the box and initial next to the statement for their application to be reviewed. All applications missing the Certification will be deemed incomplete and ineligible.)		
10. Indicate whether the application should be assigned for review and scoring based on the answers to questions above.		Yes = Proposal will be scored. No = Proposal will not be scored.

APPENDIX C – 2: IMPLEMENTATION PROPOSAL EVALUATION CRITERIA

PROPOSITION 1 STORM WATER GRANT PROGRAM IMPLEMENTATION PROPOSAL EVALUATION SCORING CRITERIA			
SCORED CRITERIA	SCORE	WEIGHT	TOTAL POINTS
WORKPLAN (35 Points Possible)			
<p>11. Does the project, as described in the workplan:</p> <ul style="list-style-type: none"> a. Implement goals, objectives, and requirements of any applicable storm water regulatory permit (including an MS4 or Combined Sewer System permit or irrigated lands WDR or conditional waiver), help water infrastructure systems adapt to climate change, provide incentives for water agencies throughout each watershed to collaborate in managing the region’s water resources and setting regional priorities for water infrastructure, and improve regional self-reliance; b. Explain how the proposed project is a high-priority project or addresses a critical programmatic need identified in a Storm Water Resource Plan; c. Provide a sustained, long-term water quality benefit, address possible or known sources of storm water contamination, increase storm water treatment and/or capture? Provide additional water supply offset as a result of the project; and other multi-benefits; d. Provide clear documentation and prior research for site(s) selection process and the steps taken to ensure proposed site(s) will not have a negative impact to groundwater quality, surface water quality, soils, flood management, habitat or the local community; e. Provide regional and project maps depicting the site location, current conditions, capture area and area to be treated? f. Describe the watershed, impaired waters, beneficial uses, and water quality issues? g. Explain whether the project is a phase of a larger project or a stand-alone project and describe the timing (construction season) for the project? 	0-5	3	15

APPENDIX C – 2: IMPLEMENTATION PROPOSAL EVALUATION CRITERIA

PROPOSITION 1 STORM WATER GRANT PROGRAM IMPLEMENTATION PROPOSAL EVALUATION SCORING CRITERIA			
SCORED CRITERIA	SCORE	WEIGHT	TOTAL POINTS
<p>12. Does the workplan provide:</p> <ul style="list-style-type: none"> a. A clear indication of the detailed work tasks necessary to complete the project and the types of deliverables expected to be completed for each task; b. A discussion of the coordination with cooperating entities, agencies, and/or organizations and their support of the project; c. A detailed description of the approach and practices the project is proposing to use and the technical basis for the approach; d. A discussion of the necessary scientific and technical information to support the feasibility of the project; e. A discussion on the required permits, environmental documentation, and landowner/access agreements required to implement the project; f. A description of the status of the plans and specifications and their status; g. A discussion of the proposed data collection and monitoring and how that data will be managed and reported; and h. A description of the education and outreach for the project? 	0-5	3	15
<p>13. Does the applicant demonstrate the appropriate experience, knowledge, and skills necessary to successfully complete the project?</p>	0-5	1	5
BUDGET (20 Points Possible)			
<p>14. Do the budget tables provide a rationale for the costs? Are the costs reasonable? Are the tasks shown in the budget consistent with the tasks shown in the workplan and schedule? Was supporting documentation provided to justify the costs? Was a cost benefit analysis provided justifying the project?</p>	0-5	2	10
<p>15. Is a description of each budget category clearly defined and thoroughly explained? Does the explanation on the cost estimates provide sufficient detail to justify the costs provided? Does the budget summary provide a cost-benefit analysis of the project with sufficient detail and backup documentation to justify their claims? Are the sources of matching funds provided?</p>	0-5	1	5
<p>16. Does the applicant describe in detail the O&M costs, how those costs compare to industry standards, and how the project will remain operational? Does the ongoing O&M support continue for 20-years?</p>	0-5	1	5

APPENDIX C – 2: IMPLEMENTATION PROPOSAL EVALUATION CRITERIA

SCHEDULE (5 Points Possible)			
17. Do the tasks in the schedule align with the tasks described in the workplan and budget? Does the schedule seem reasonable given the tasks listed? Are the start dates and end dates within the required timeframe as indicated in the Guidelines?	0-5	1	5
MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES (5 Points Possible)			
18. How well will the measurement tools and methods effectively monitor project performance and target progress? Is the monitoring appropriate for the benefits claimed? Are the goals and targets reasonable and feasible within the life of the grant?	0-5	1	5
MULTIPLE BENEFITS (25 Points Possible)			
19. Does the applicant provide sufficient documentation to quantify how the project addresses two to three of the multiple benefits listed below? Award up to 15 points for the primary project benefit addressed and up to 5 points each for up to two secondary benefits addressed. Any benefits from the list may be selected as a primary benefit; however, the primary benefit must be quantifiable. Secondary benefits are not required to be quantifiable to be eligible for full points. Points will be awarded based on the geographic scale of the benefits and relative significance of those benefits as quantified (e.g., acre-feet infiltrated, gallons of storm water reused; pounds of pollutant reduced). a. Increased water supply reliability b. Conjunctive use c. Increased water conservation d. Increased filtration and/or treatment of runoff e. Nonpoint source pollution control f. Reestablished natural water drainage and treatment g. Decreased flood risk by reducing runoff rate and/or volume h. Reduced sanitary sewer overflows i. Environmental and habitat protection and improvement j. Increased urban green space k. Reduced energy use, greenhouse gas emissions, or provides a carbon sink l. Reestablishment of the natural hydrograph m. Water temperature improvements n. Employment opportunities provided o. Public education p. Community involvement q. Enhance and/or create recreational and public use areas	0-25	1	25

APPENDIX C – 2: IMPLEMENTATION PROPOSAL EVALUATION CRITERIA

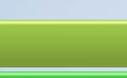
DAC/EDA BENEFITS (10 Points Possible)			
<p>20. Based on the answer to Question 19 of the Proposal:</p> <p>Is the applicant a DAC or EDA? (10 Points)</p> <p>Do 100% of the grant funds benefit a DAC or EDA? (5 Points)</p> <p>Does some portion of the grant funds benefit a DAC or EDA? (3 Points)</p> <p>No DAC or EDA benefits from the grant funds. (0 Points)</p> <p>(Scoring on this criteria will be determined by Division’s lead reviewer)</p>	<p>0, 3, 5 or 10 Points</p>	<p>1</p>	<p>0, 3, 5, or 10</p>
OVERALL TOTAL POINTS:			100
OVERALL REVIEW COMMENTS			
<p>21. Does the reviewer believe that the proposed project is technically and financially feasible? Does the reviewer have any concerns about funding the project? Does the reviewer recommend the project for funding? (Note to Reviewers: This text will be provided to the applicant. Be clear and concise.)</p>			



State Water Resources Control Board

Water Boards

**Prop 1 Storm Water Grant Program (SWGP)
Round 1 Implementation Grant
Solicitation Workshop**



Overall Workshop Outline

- Introductions
- Storm Water Resource Plan Overview
- Prop 1, Chapter 7 SWGP Overview
- How to apply
- Questionnaire and Scoring Criteria
- Questions

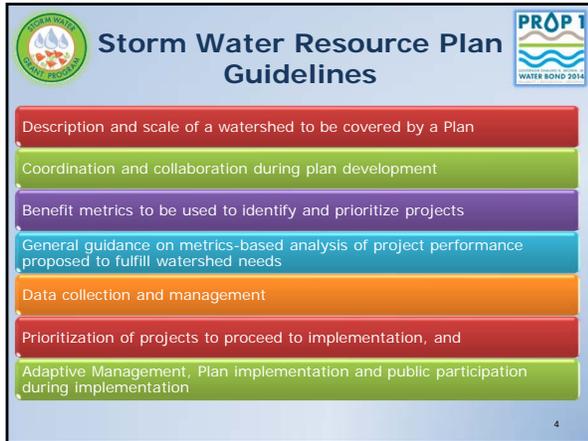
2



Storm Water Resource Plan (SWRP)

- Guidelines adopted by State Water Board December 15, 2015
- SB 985 – Required for bonds approved after January 1, 2014
- Recognizes storm water as a resource
- Emphasizes multiple-benefit projects
- Requires public agencies to develop a storm water resource plan prior to receiving bond funding for projects, and
- Emphasizes use of publicly-owned lands for capture and use projects

3



Storm Water Resource Plan Guidelines

- Description and scale of a watershed to be covered by a Plan
- Coordination and collaboration during plan development
- Benefit metrics to be used to identify and prioritize projects
- General guidance on metrics-based analysis of project performance proposed to fulfill watershed needs
- Data collection and management
- Prioritization of projects to proceed to implementation, and
- Adaptive Management, Plan Implementation and public participation during implementation

4



Storm Water Resource Plan (SWRP)

A Storm Water Resource Plan must:

- Be developed on a watershed basis
- Prioritize use of public lands
- Provide multiple benefits for project design
- Quantitatively prioritize projects
- Provide for community participation
- Not come at the expense of water quality

5



Multiple Benefits

Each Project (or Series of Projects) is to deliver multiple benefits such as:

- Water Supply**
 - Groundwater management and/or runoff capture and use
- Water Quality**
 - Compliance with regulatory requirements
- Flood Management**
- Environmental**
 - Water Quality and habitat protection / improvement
- Community**
 - Enhanced Recreation and public use areas
 - Community involvement
 - Employment opportunities

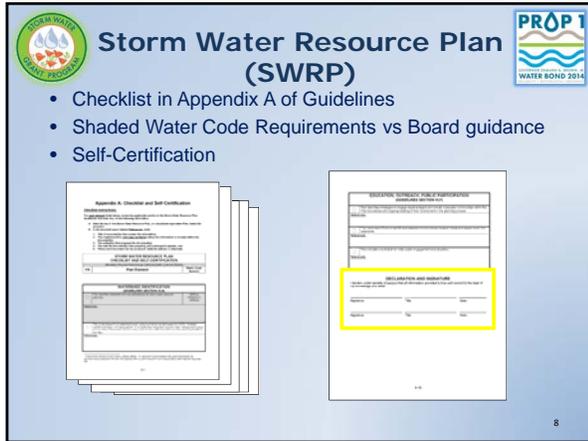
6



Storm Water Resource Plan (SWRP)

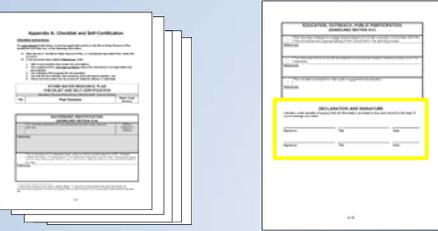
- SWRP may build off existing documents (Functionally Equivalent Plan)
- Does not need to be consistent with local IRWMP
- Plan must be submitted to the local IRWMP for incorporation
- Exception for small DAC that are not co-permittees to larger MS4 communities

7

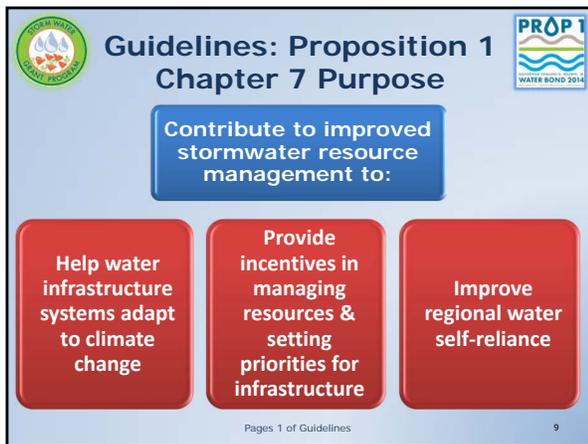


Storm Water Resource Plan (SWRP)

- Checklist in Appendix A of Guidelines
- Shaded Water Code Requirements vs Board guidance
- Self-Certification



8



Guidelines: Proposition 1 Chapter 7 Purpose

Contribute to improved stormwater resource management to:

- Help water infrastructure systems adapt to climate change
- Provide incentives in managing resources & setting priorities for infrastructure
- Improve regional water self-reliance

Pages 1 of Guidelines 9

**Guidelines: Proposition 1
Chapter 7, Section 79747**

\$200 million for multi-benefit stormwater management grants

- Green Infrastructure
- Rainwater & Stormwater Capture Projects
- Stormwater Treatment Facilities
- SWR Plan Development

Pages 1 and 4 of Guidelines 10

**Guidelines: Proposition 1
Chapter 7, Section 79747**

Water Board adopted on December 15, 2015

www.waterboards.ca.gov/swgp - Click on Prop 1

PROPOSITION 1
STORM WATER GRANT PROGRAM
GUIDELINES

PROP 1
WATER BOND 2014

2015
December 15, 2015

Water Boards

11

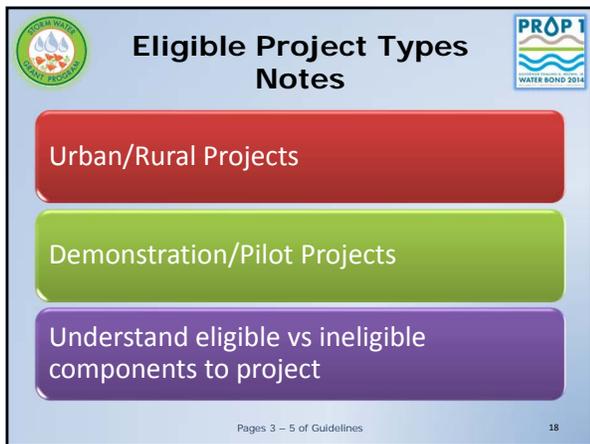
**Background: Proposition 1
Chapter 7, Section 79747**

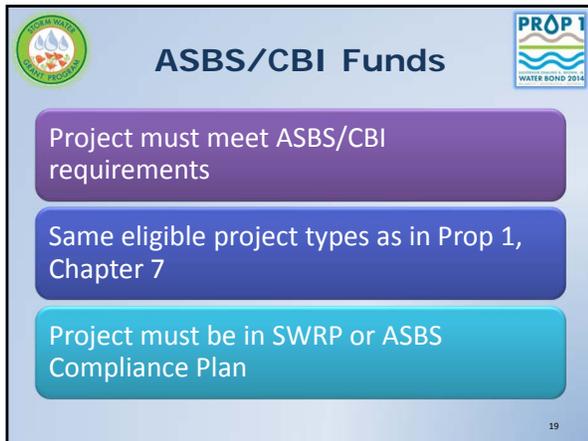
- \$200 Million** • Total to State Water Board for multi-benefit stormwater management projects
- \$186 Million** • Available for grants after bond and program administration costs
- \$166 Million*** • Available for Implementation Grants
 - * - \$25 million additional for ASBS/Clean Beach projects

Pages 1 and 2 of Guidelines 12









ASBS/CBI Funds

- Project must meet ASBS/CBI requirements
- Same eligible project types as in Prop 1, Chapter 7
- Project must be in SWRP or ASBS Compliance Plan

19



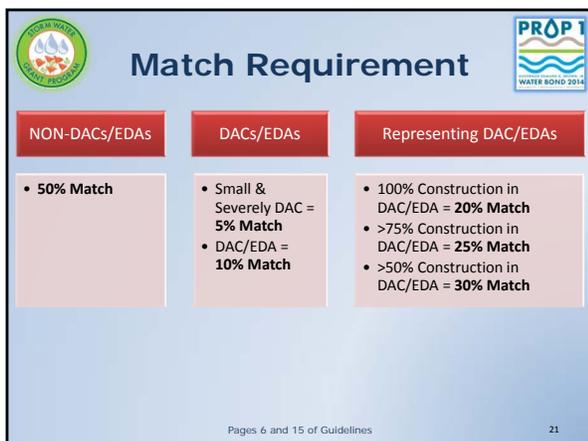
Implementation Grant Funding

~\$191 Million

- \$166 million from Prop 1
 - \$80m for Round 1
 - \$86m for Round 2
- ~\$25 million from ASBS/CBI (Round 1 Only)

Pages 2 and 4 of Guidelines

20



Match Requirement

NON-DACs/EDAs	DACs/EDAs	Representing DAC/EDAs
<ul style="list-style-type: none">50% Match	<ul style="list-style-type: none">Small & Severely DAC = 5% MatchDAC/EDA = 10% Match	<ul style="list-style-type: none">100% Construction in DAC/EDA = 20% Match>75% Construction in DAC/EDA = 25% Match>50% Construction in DAC/EDA = 30% Match

Pages 6 and 15 of Guidelines

21



Match Requirements

- Eligible expenses incurred after November 4, 2014 and prior to project completion date are eligible
- Federally sponsored loans eligible (e.g. SRF Loans)
- May use CCC or certified Community Conservation Corp if not state funded
- Other State funds, including other grants, not eligible

Pages 5 and 6 of Guidelines 22



How to Apply

- Pre-Apps & Applications accepted through FFAST
 - <https://faast.waterboards.ca.gov/>
- Solicitation opened in FFAST on January 19, 2016
- FFAST tutorials available online:
 - <https://www.waterboards.ca.gov/videos/faast.shtml>
- If your community has a hardship, technical assistance providers may be available to assist

Pages 8 and 9 of Guidelines 23



Tips for Applying

- Do NOT assume
- Do NOT provide links
- Awarded apps in FFAST
- Organization is KEY
- Use templates
- Say more with less

24



Tips for Applying



- Stick to page limits
- Use headings in templates
- N/A and blank = 0 points
- Do NOT reference other applications
- Take note of what we discuss today

25



Optional Pre-Application



Preliminary Eligibility Review	Match Reduction Calculation Approach	Review Project Ideas
Help Identifying Other Funding Sources	Possible Technical Assistance	SWRP Review

Page 7 of Guidelines 26



Application Process



Application questions and scoring criteria are provided in Appendix C of the Guidelines

Four required sections for grant proposals:

- Program Selection & General FFAST Information
- Background Information
- Proposal Questions
- Attachments

27



Application Process Program Selection and General FFAST Info.



**Questions A.1 through A.7 in
Appendix C in Guidelines**

- Title
- Project description
- Applicant details (project director, grant contact)
- Grant funds requested, matching funds, and total project cost (should match budget table)
 - Minimum grant: \$250,000/Maximum grant: \$10,000,000
- Location (latitude/longitude)
- Legislative districts
- Other

Page 33 of Guidelines 28



Application Process



**Questions C.1: Eligibility
Requirements – Background Info.**

- Organization type
- Project in a Storm Water Resource Plan or other
- Urban Water Supplier, Agricultural Water Supplier, or local groundwater user
- Project consistent with Basin Plan
- Eligible project type
- Match %
- Multi-benefit project
- In a contract with State Water Board that was terminated?

Page 34 of Guidelines 29



Application Questions



Workplan (35 points total)	Scoring Question #	Max. Points Possible
Storm Water Resource Plan or Equivalent	11	15
Goals & Objectives		
Purpose & Need		
Site Investigation		
Sustainability		
Regional & Project Maps		
Impaired Waters		
Project Timing & Phasing		

Pages 35, 36, and 42 of Guidelines 30



Application Questions



Workplan (continued)	Scoring Question #	Max. Points Possible
Detailed tasks	12	15
Coordination with entities, agencies, &/or NGOs		
Approach & practices		
Scientific & technical support		
Permits, CEQA, agreements		
Status of design plans & specifications		
Data collection & monitoring	13	5
Education & outreach		
Experience & knowledge (resumes of team)		

Pages 36 and 43 of Guidelines 31



Application Questions



Budget (20 Points Possible)	Scoring Question #	Max. Points Possible
Budget tables:	14	10
• Rationale for costs		
• Reasonable compared to similar projects		
• Tasks consistent with workplan & schedule		
• Cost benefit analysis	15	5
Budget summary:		
• Description of budget including match		
• Explanation to justify costs	16	5
• Cost effectiveness explanation		
O&M Cost: 20 years and reasonable		

Pages 36, 37, and 43 of Guidelines 32



Budget Summary Handout



PROP 1 STORMWATER GRANT PROGRAM - BUDGET SUMMARY

Applicant: _____ FAAST PIN: _____

Project:	Requested Grant	Local Match	Other Funding	Total	% Local Match
1. Direct Project Administration Costs	\$0	\$0	\$0	\$0	0%
2. Planning/Design/Engineering/ Environmental	\$0	\$0	\$0	\$0	0%
3. Construction/Implementation	\$0	\$0	\$0	\$0	0%
4. Monitoring/Performance	\$0	\$0	\$0	\$0	0%
5. Education/Outreach	\$0	\$0	\$0	\$0	0%
Grand Total:	\$0	\$0	\$0	\$0	0%

Other Funding Sources: _____

Note: CHECK YOUR NUMBERS! Do NOT assume this Excel spreadsheet is correct. Please refer to the READ ME tab.

Does the Budget Summary Total match the Budget Details Total? YES

33



Cost Benefit Evaluation Handout



Type of LID BMP	Capital Cost of BMP (\$)	Annual O&M Cost of BMP (\$)	Net Present Value of BMP (\$)	Net Present Value (\$)/ Total Volume (AF) (F/E=0)
Detention Basin				#DIV/0!
Basin Gardens				#DIV/0!
Infiltration Basins/Trenches				#DIV/0!
Infiltration Galleries				#DIV/0!
Dry Wells				#DIV/0!
Capture and Use (Cisterns, etc.)				#DIV/0!
Permeable Surfaces				#DIV/0!
Bioretention				#DIV/0!
Other (Please Specify)				#DIV/0!
TOTAL	1	1	1	#DIV/0!

37



Application Questions



Schedule (5 points possible)	Scoring Question #	Max. Points Possible
Schedule Table or Gantt Chart	16	5
• Tasks align with workplan & budget		
• Reasonable		
• Start & end dates match Guidelines	17	5
Written Summary		
• Consistency with workplan & budget		
• Obstacles to completing tasks		
• Current status & how tasks will be completed		
• CEQA/NEPA, permits, access issues		

Pages 37 and 44 of Guidelines

38



Application Questions



Monitoring, Assessment and Performance Measures (PAEP) (5 points possible)	Scoring Question #	Max. Points Possible
Identifies targets appropriate for benefits claimed	18	5
Measurement methods to evaluate project performance		
Discuss whether CEDEN submittal required		
Leverages existing monitoring efforts		

Pages 37 and 44 of Guidelines

39



PAEP Table Handout



Table 1. Pollutant Load Reduction

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Reduction in pollutant concentrations discharging from the site	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	Removal of XX lbs of XXX , XX lbs of XXX , and XX lbs of XXX from the stormwater runoff from the site.
Reduction in stormwater runoff from the site	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XX gallons of stormwater runoff captured and/or treated.

40



PAEP Table Handout



Table 2. Water Conservation, Supply Reliability, Enhancement, and Recycling

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Reduction in dry weather runoff from over-irrigation within the project area and surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	Zero complaints of dry weather runoff from over-irrigation within the project area and surrounding community
Reduction in water use within the project area and surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XXX AFY reduction in water use in the project area and surrounding community
Increase in surface water capture for reuse onsite or in surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XXX AFY reduction in water use due to surface water capture and reuse
Increase in surface water runoff capture and infiltration into groundwater basin	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XX gallons per year of surface water runoff infiltrated into the groundwater basin(s)

41



PAEP Table Handout



Table 3. Education, Outreach, and Capacity Building

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Increase in public understanding of the benefits of LID BMPs	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	#/% or higher return on questionnaires sent to the public living within the project site or surrounding community
Increase in participation in the volunteer program	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX volunteers per year/event
Increase in attendance at public meeting	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX in attendance at public meetings
Increase in public actively implementing LID BMPs on their personal property	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX of landowners per year installing LID BMP(s) on their property

42



Application Questions



Multiple Benefits (25 points possible)	Scoring Question #	Max. Points Possible
Main Benefit <ul style="list-style-type: none"> Must be quantifiable Must meet requirements of Prop 1, Chp 7 Must provide volume of storm water treated, infiltrated, and/or reused 	19	25
Secondary Benefit(s) <ul style="list-style-type: none"> 1 or 2 secondary benefits allowed Does not need to be quantifiable 		

Pages 7, 8, 37 and 44 of Guidelines 43



Annual Quantifiable Benefits Handout



Annual Quantifiable Benefits Summary Table			
(1) Project Name:			
(2) Anticipated Project Useful Life(years):			
Quantifiable Benefits			
Benefit	Primary (Must be Quantifiable)	Secondary	2 nd Secondary (Optional)
(3) Type of Benefit Claimed:			
(4) Units of the Claimed Benefit:			
(5) Average Annual Benefit Quantity:			
Comments:			

44

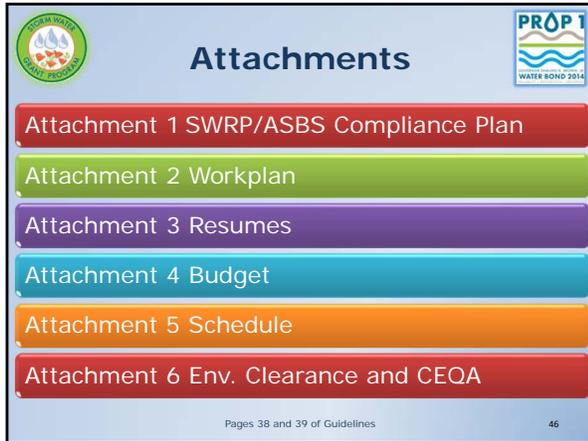


Application Questions



DAC/EDA Benefits (10 points possible)	Scoring Question #	Max. Points Possible
Applicant is a DAC or EDA (10 points)	20	10
100% of the grant funds benefit a DAC or EDA (5 points)		
Some portion of the grant funds benefit a DAC or EDA (3 points)		
None of the above (0 points)		

Pages 38 and 45 of Guidelines 45



Attachments

- Attachment 1 SWRP/ASBS Compliance Plan
- Attachment 2 Workplan
- Attachment 3 Resumes
- Attachment 4 Budget
- Attachment 5 Schedule
- Attachment 6 Env. Clearance and CEQA

Pages 38 and 39 of Guidelines 46

The slide features a light blue background with a circular logo on the top left and a 'PROP 1 WATER BOND 2014' logo on the top right. The title 'Attachments' is centered at the top. Below it, six colored buttons list attachments 1 through 6. At the bottom, it indicates 'Pages 38 and 39 of Guidelines' and the number '46'.



Attachments

- Attachment 7 Performance Measures
- Attachment 8 Benefit Quantities & Cost Benefit
- Attachment 9 Technical Report Summary
- Attachment 10 Request for Reduced Match
- Attachment 11 DAC/EDA Benefits
- Attachment 12 Letters of Support

Pages 38 and 39 of Guidelines 47

The slide features a light blue background with a circular logo on the top left and a 'PROP 1 WATER BOND 2014' logo on the top right. The title 'Attachments' is centered at the top. Below it, six colored buttons list attachments 7 through 12. At the bottom, it indicates 'Pages 38 and 39 of Guidelines' and the number '47'.



Questions?

48

The slide features a light blue background with a circular logo on the top left and a 'PROP 1 WATER BOND 2014' logo on the top right. The word 'Questions?' is centered in a large, blue, sans-serif font. At the bottom right corner, the number '48' is displayed.

Prop 1 STORMWATER GRANT PROGRAM - BUDGET SUMMARY

Applicant:

FAAST PIN:

Project:

	Requested Grant	Local Match	Other Funding	Total	% Local Match
1. Direct Project Administration Costs	\$0	\$0	\$0	\$0	0%
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
2. Planning/Design/Engineering/ Environmental	\$0	\$0	\$0	\$0	0%
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
3. Construction/Implementation	\$0	\$0	\$0	\$0	0%
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
4. Monitoring/Performance	\$0	\$0	\$0	\$0	0%
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
5. Education/Outreach	\$0	\$0	\$0	\$0	0%
				\$0	
				\$0	
				\$0	
				\$0	
				\$0	
Grand Total:	\$0	\$0	\$0	\$0	0%

Other Funding Sources:

Note: CHECK YOUR NUMBERS! Do NOT assume this Excel spreadsheet is correct. Please refer to the READ ME tab.

Does the Budget Summary Total match the Budget Details Total?

YES

Cost Effectiveness Analysis Budget Questions:

1. Complete the Cost Effectiveness Analysis Spreadsheet Template and include the results with this **Attachment 4**. The volume of water treated/infiltrated/used claimed should be the quantified benefit used in the analysis. An explanation of how the benefits were determined must be included in Attachment 8.
2. Explain how the project is economically feasible, including factors such as the cost per acre-foot per year treated/captured, and/or another measure of economic benefit and how the data will be used to demonstrate the economic benefit.
3. Provide a summary to show how the project's cost-benefit analysis justifies the project claims. Submit all detail and backup documentation.
4. Were other alternatives considered? If so, please explain the alternatives and why you have chosen the preferred option. If other alternatives were not considered, please explain why this is the only viable alternative to obtain the project goals.

PROJECT NAME:
 APPLICANT NAME:
 PIN:
 DATE:

- Please list each type of BMP that will be constructed as part of your project with the information requested below. If your BMP is not included, please add appropriately. The basis for the estimated design volume must be documented in Attachment 8.

	A	B	C	D	E
Type of BMP/Project Element	Total Design Volume Captured and Used (Acre-feet per year (AFY))	Total Design Volume Treated (AFY)	Total Design Volume Infiltrated (AFY)	Estimated Useful Life of BMP (Years)	Total Volume X Useful Life (Acre-feet(AF)) (A+B+C)xD=E
Bioretention					0
Rain Garden					0
Infiltration Basins/Trenches					0
Infiltration Galleries					0
Dry Wells					0
Capture and Use (Cisterns, etc)					0
Permeable Surfaces					0
Bioswale					0
Other (Please Specify)					0
					0
				TOTAL	0

- Cost per BMP/Project Element. Please list the construction costs only for each project component listed above. For costs associated with construction (i.e. mobilization/demobilization, clearing and grubbing, traffic control, materials testing, construction supplies/materials, compaction testing, etc.), please split between the various project components you are constructing. *** Do not include costs for surveying/staking, design, planning, engineering, SWPPS, preliminary geotechnical investigations/data, construction fencing/security, construction management, inspection, reporting, permitting, CEQA, etc... Only include those items directly related to construction as indicated in the project budget.**
-

			F	G
Type of LID BMP	Capital Cost of BMP (\$)	Annual O&M Cost of BMP (\$)	Net Present Value of BMP (\$)	Net Present Value (\$)/ Total Volume (AF) (F/E=G)
Bioretention				#DIV/0!
Rain Garden				#DIV/0!
Infiltration Basins/Trenches				#DIV/0!
Infiltration Galleries				#DIV/0!
Dry Wells				#DIV/0!
Capture and Use (Cisterns, etc)				#DIV/0!
Permeable Surfaces				#DIV/0!
Bioswale				#DIV/0!
Other (Please Specify)				#DIV/0!
				#DIV/0!
TOTAL	\$ -	\$ -	\$ -	

Project Assessment and Evaluation Plan

Project Name

Grantee Name

Proposition 1 Stormwater Grant Program

Grant Agreement No. #####

Date

Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the State Water Resources Control Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.¹

¹ Grant agreement, Exhibit A, Section 5.

Table 1. Pollutant Load Reduction

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Reduction in pollutant concentrations discharging from the site	<p>Tools: What will you use as a ruler to measure the target?</p> <p>Method: How will the Measurement Tools be used to measure the target?</p>	Removal of XX lbs of XXX, XX lbs of XXX, and XX lbs of XXX from the stormwater runoff from the site.
Reduction in stormwater runoff from the site	<p>Tools: What will you use as a ruler to measure the target?</p> <p>Method: How will the Measurement Tools be used to measure the target?</p>	XX gallons of stormwater runoff captured and/or treated.

Table 2. Water Conservation, Supple Reliability, Enhancement, and Recycling

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Reduction in dry weather runoff from over-irrigation within the project area and surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	Zero complaints of dry weather runoff from over-irrigation within the project area and surrounding community
Reduction in water use within the project area and surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XXX AFY reduction in water use in the project area and surrounding community
Increase in surface water capture for reuse onsite or in surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XXX AFY reduction in water use due to surface water capture and reuse
Increase in surface water runoff capture and infiltration into groundwater basin	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XX gallons per year of surface water runoff infiltrated into the groundwater basin(s)

Table 3. Education, Outreach, and Capacity Building

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Increase in public understanding of the benefits of LID BMPs	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	##% or higher return on questionnaires sent to the public living within the project site or surrounding community
Increase in participation in the volunteer program	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX volunteers per year/event
Increase in attendance to public meeting	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX in attendance to public meetings
Increase in public actively implementing LID BMPs on their personal property	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX of landowners per year installing LID BMP(s) on their property

Annual Benefits Summary

The purpose of this **Attachment 8** is to describe the benefits provided by the proposed projects.

The applicant must provide a narrative description and complete the Annual Quantifiable Benefits Summary Table of the primary and any secondary expected project benefits, which must address the following items:

1. Explanation of need for the project, including recent and historical conditions that provide background for benefits to be claimed; for example, water supply shortages, storm water quality problems, loss of habitat or ecosystem function.
2. Description of methods used to estimate quantifiable benefits. Include the level of technical analysis completed to date. For example, provide any hydrologic analysis, including design storm sizing and any other calculations used to estimate the quantifiable benefits for a Low Impact Development project. Include a summary of any site investigations (such as a geotechnical study) used to substantiate the estimates.
3. Description of how non-quantifiable benefits were identified and developed.
4. Identification of all new facilities, policies, and actions required to obtain the benefits claimed.
5. Description of any potential adverse physical effects and what is being done to mitigate those impacts. If none, explain.

The description may be provided for up to one primary benefit and one or two secondary benefits, no more. The primary benefit must be quantifiable. The technical analysis of the benefits claimed must not exceed three (3) pages per benefit using a minimum 10- point type font.

Annual Quantifiable Benefits Summary Table			
(1) Project Name:			
(2) Anticipated Project Useful Life(years):			
	Quantifiable Benefits		
Benefit	Primary (Must be Quantifiable)	Secondary	2 nd Secondary (Optional)
(3) Type of Benefit Claimed:			
(4) Units of the Claimed Benefit:			
(5) Average Annual Benefit Quantity :			
<u>Comments:</u>			

INSTRUCTIONS

To complete the Annual Quantifiable Benefits Table above, the applicant should use the following steps:

- Format a table that will display one of the quantifiable benefits claimed for the project
- Once the table has been appropriately formatted, provide the following information:
- Row (1) Project name
- Row (2) Enter the anticipated useful life of the proposed project
- Row (3) Identify the exact type of benefit being claimed
- Row (4) Select one of following unit that corresponds to the benefit claimed:
 - For water supply captured, treated, infiltrated or used, enter acre-feet per year (AFY)
 - For water quality, enter constituent concentration reduced in pounds per year (lb/year)
 - For flood damage reduction, enter inundated acres reduced in acres
 - For habitat improved, restored or protected, enter habitat restored in acres
 - For fishery benefits, enter increased fishery flow rate in cubic feet per second (cfs)
- Row (5) Input the average annual benefit quantity for the primary benefit and any of the secondary benefits that are quantifiable. Generally, the quantities provided should be an average from a representative hydrologic period that reflects the facilities in place. Indicate any clarifying assumptions as to the hydrologic period in the comments box.
- Comment Box: Enter any sources and references, including page numbers, supporting the numbers used in this table, or other information as needed to explain entries.