

Agricultural Water Use Efficiency 2015 Grants Draft Guidelines and Proposal Solicitation Package

Public Workshops

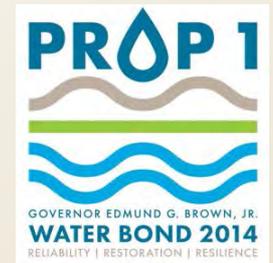
November 3, 2015 – Glendale (Webinar enabled)

November 4, 2015 – Sacramento (Webinar enabled)

November 5, 2015 - Oroville



*Division of Statewide Integrated Water Management
Water Use Efficiency Branch*



Folsom Res
Jan 14, 2014

Purpose of Workshops

- Review Draft Guidelines in the Draft Proposal Solicitation Package**
- Provide information on schedule, submittal, review, and selection process**



Proposal Solicitation Package Content

- ❑ **Background, goals, priorities, and objectives**

- ❑ **Eligibility**
 - ❖ **Eligible applicants**
 - ❖ **Eligible projects**
 - ❖ **Ineligible projects**

- ❑ **Project priorities and funding rules**
 - ❖ **Funding priorities**
 - ❖ **Compliance with laws and regulations**
 - ❖ **Cost-share**



Proposal Solicitation Package Content (cont.)

- Review, selection, and award process
- Selection criteria
- Proposal submittal (what, when, where)
- Agreement requirements

Goals and Objectives



- ❑ To improve regional water self-reliance security and adapt to climate change effects on water supply (*Proposition 1*)
- ❑ Contribute toward the implementation of the California Water Action Plan, Action Number One: Make Conservation a California Way of Life (*California Water Action Plan*)
- ❑ Achieve or exceed agricultural water management planning or agricultural water use efficiency goals as specified in SB X7-7, Part 2.8 of Division 6 of the California Water Code (*Proposition 1*)

Eligibility Requirements

- Must be an eligible applicant
- Must submit an eligible project
- Must have state benefits
- Minimum 50% cost-share*
- Submitted application is public information
- Must comply with applicable laws and regulations

** Cost-share may be waived or reduced for projects serving disadvantaged communities or economically distressed areas*

Eligible Applicants



Entities involved with water management including:

- Public agencies
- Nonprofit organizations
- Public utilities
- Federally recognized Indian tribes or state Indian tribes on California's Tribal Consultation List
- Mutual water companies
- Investor-owned utilities regulated by the California Public Utilities Commission

Eligible Projects



Section A Projects (Implementation Projects)

Agricultural water use efficiency projects and programs that create measurable water conservation or water use efficiency benefits.

Section B Projects (Non- Implementation Projects)

Agricultural water use efficiency projects and programs that have the potential to create measurable water conservation or water use efficiency benefits.

- ❖ Technical Assistance
- ❖ Planning, Feasibility Studies, and Pilot Projects
- ❖ Research and Development
- ❖ Training, Education, and Public Outreach

Does **NOT** have to be part of an IRWM Plan

Project Priority



- Are not locally cost-effective
- Provides the most state benefits per grant dollar
- Focuses primarily on service to disadvantaged communities or economically distressed areas
- Employs a regional scope of activities
- Employs new or innovative technologies or practices
- Leverages private, federal or local funding to produce the greatest state level public benefit
- Improves irrigation water management to conserve water or to reduce the quantity of highly saline or toxic drainage water

Project Priority (cont.)

- Provides water metering and/or volumetric pricing for agricultural water suppliers serving less than 25,000 irrigated acres
- Implements Agricultural Water Management Plan (AWMP) actions for agricultural water suppliers that supply water to 10,000 to 25,000 acres of land
- Produces multiple benefits such as improved water quality, stream flow timing and quantity, and local water supply reliability
- Conserves energy and help the GHG emission reduction or carbon sequestration goals in implementation of the State Climate Change Adaptation Strategies

Ineligible Projects



The funding source limits eligibility – many worthwhile projects are not eligible, including but not limited to:

- Implementation projects (Section A) with a life span of less than 10 years**
- Wellhead rehabilitation**
- New storage tanks providing expanded capacity**
- Water supply development**
- Water treatment**
- Wastewater treatment**
- Flood control**
- Recycled water – Does not include agricultural water reuse**

Ineligible Projects (cont.)

- Groundwater banking projects**
- Replacement of existing funding sources for on-going projects**
- Political advocacy**
- Purchase of water**
- Establishment of a reserve fund**
- Applicant's litigation costs**
- Visitor centers**
- Design, construction, operation, mitigation, or maintenance of Delta Conveyance Facilities**

Funding Rules

- ❑ At least a **50% cost share** or donated services from non-state sources*
- ❑ Reasonable Administrative costs (5-10%)
- ❑ Contingency no more than 10% per category
- ❑ Must provide the life of investment in years (Section A, implementation projects).
- ❑ Construction projects, a CA registered civil engineer prepared Plans, Specifications, and Certification Statements.
- ❑ Capital outlay expenditures must be tied immediately and exclusively to the project.

** Cost-share may be waived or reduced for projects serving disadvantaged communities or economically distressed areas*

Funding Rules (cont.)

- Costs of buildings for Section B projects are not eligible.**
- Rebates to Applicant's customers may be eligible**
- Purchase of project-specific equipment may be eligible**



Compliance with Applicable Laws and Regulations

- Agricultural Water Management Plans (AWMPs) and Agricultural Efficient Water Management Practices (EWMPs) ([Part 2.8 and Part 2.55, SBx7-7](#))
- Agricultural Water Measurement ([CCR 597 et seq.](#))
- Aggregated Farm-Gate Water Delivery Report ([CWC §531 et seq.](#))
- Surface Water Diversion Reporting ([CWC §5103\(e\)\(2\)](#))
- Groundwater Monitoring ([CWC §10920 et seq.](#))
- Groundwater Management Plans ([CWC §10753.7](#))
- Labor Code
- State Conflict of Interest Laws – [all team members](#)



Compliance with Applicable Laws and Regulations (cont.)

- ❑ Confidentiality – all public information
- ❑ Intellectual and Property Rights – must be waived
- ❑ Environmental Documentation
 - ❖ Include plan for compliance
 - ❖ Estimation of GHG emissions required
- ❑ If also an urban water supplier:
 - ❖ Urban Water Management Plans (UWMPs) and water conservation (*SBx7-7*)
 - ❖ Urban Water Supplier Best Management Practices (*AB 1420*)
 - ❖ Water Meters (*CWC §525 et seq.*)

Target Distribution of Funds

Agricultural Water Use Efficiency Projects	Available Funding	Funding Cap Per Project
Section A – Implementation Projects	\$27,000,000	\$3,000,000
Section B – Other Projects <ul style="list-style-type: none">-Technical Assistance-Planning, Feasibility Studies, and Pilot Projects-Research and Development-Training, Education, and Public Outreach	\$3,000,000	\$300,000

10% (\$3 Million) for DACs/EDAs

Cost-Share



Cost-Share = *Funds made available by the grant recipient from non-State sources. May include, but is not limited to:*

- Federal funds**
- Local funds**
- Donated services from non-State sources**

50% required cost-share; *may be waived or reduced for projects directly benefitting DACs or EDAs*

Project Duration

- ❑ **Timeline incorporated into contract**
 - ❖ **May be multi-year if applicable**
 - ❖ **Project duration by task**
 - ❖ **Completion within 3-years of signing**
- ❑ **Signing may take at least 6 months**
- ❑ **Funds available after completion of the award process and contingent upon successful sale of State General Obligation Bonds**

Agreement Requirements

- ❑ **Standard Terms and Conditions**
 - ❖ Specified by authorizing legislation and DWR policies and procedures
- ❑ **Work on project prior to final agreement execution is **NOT** eligible for reimbursement**
 - ❖ Cost incurred after award but prior to agreement execution may be eligible for cost-share at DWR's discretion

Agreement Requirements (cont.)

Reporting (see Exhibit III)

- ❖ Quarterly fiscal and programmatic reports
- ❖ Comprehensive Final Report
- ❖ Section A: annual benefit and cost reports for 5 years after completion encouraged
- ❖ All information under contract is public

Cost-Share Commitment Letter

- ❖ Institutional cost-sharing agreement signed by an authorized official, or
- ❖ In-kind contribution signed by authorized third party official

Signed Resolution - From governing board accepting funds and designating a representative

Schedule

Tentative Date	
November 3, 4, 5, 2015	Public Workshops for Draft PSP
November 6, 2015	Comments on Draft PSP Due
December 2015	Final PSP Released
December 2015	Public Workshop for Final PSP – Sacramento
February 2016	Proposals Due
April 2016	Announce Draft Funding Awards
May 2016	Comments on Draft Funding Awards Due
May 2016	Public Workshop for Draft Funding Awards – Sacramento
June 2016	Announce Final Funding Decision
July 2016	Grant Agreement Development Begins

Selection Criteria

- Applications will first be screened for eligibility and completeness
- Relevance and Importance / Consistency with PSP Priorities - *30 points*
- Feasibility - *25 points*
- Project Benefits - *20 points*
- Project Costs - *15 points*
- Monitoring and Evaluation - *10 points*

On-Line Submittal



GRANTS

Application Development

- ❑ **Create a GRANTS account on-line**
- ❑ **Application consists of GRANTS and hardcopy**
 - ❖ **Attachment 1 – Signature Page**
 - ❖ **Attachment 2 – Goals, Objectives, and Priorities – Relevance and Importance (SOW)**
 - ❖ **Attachment 3 – Technical//Scientific Merit and Feasibility**
 - ❖ **Attachment 4 – Project Plan and Description (SOW)**
 - ❖ **Attachment 5 – Monitoring Plan and Performance Evaluation (SOW)**
 - ❖ **Attachment 6 – Project Costs (SOW)**
 - ❖ **Attachment 7 – Project Benefits (SOW)**
 - ❖ **Attachment 8 – Disadvantaged Community**

Application Development (cont.)

- ❖ **Attachment 9 – Qualifications of Applicants and Cooperators**
- ❖ **Attachment 10 – Outreach, Community Involvement, and Acceptance**
- ❖ **Attachment 11 – Innovation**
- ❖ **Attachment 12 – GHG Emission Calculations**
- ❖ **Attachment 13 – Environmental Information Form and Documents**
- ❖ **Attachment 14 – Project Preliminary Plans and Specifications (*Construction only*)**
- ❖ **Attachment 15 – Compliance with SB X7-7, AB1404, AB1420, and Other Requirements**

For GRANTS application instructions, visit DWR web site:

<http://www.water.ca.gov/grants/>

Application Development (cont.)

- ❑ **Application limits:**
 - ❖ **20 pages, single-spaced, consecutively-numbered**
 - ❖ **12-point font or larger, 8 ½ x 11 inch paper**
 - ❖ **Attachments 1, 8, and 13-15 (if applicable), résumés, and illustrative photographs, figures, or maps are NOT included in the page limit.**
- ❑ **Attachment 1 must be submitted with the hardcopy**
- ❑ **Attachments 2, 4, 5, 6, 7, 9, 10, and 13 may be incorporated into the contract of awarded projects**
- ❑ **Refer to PSP “*Attachment Guidelines*” for details**



Attachment 2: Goals, Objectives, and Priorities

- ❑ Show consistency with funding priorities
- ❑ Proposed objectives should be:
 - ❖ *Specific*
 - ❖ *Measureable*
 - ❖ *Attainable*
 - ❖ *Relevant (priorities of the PSP)*
 - ❖ *Have a Timeline of tasks*

Attachment 2 will become part of the Grant Agreement language Statement Of Work



Attachment 3: Technical/Scientific Merit and Feasibility

- ❑ Provide enough information, including previous work/publications, to evaluate feasibility and technical adequacy to satisfy SMART objectives:

- ❖ Approach
- ❖ Methods
- ❖ Procedures
- ❖ Monitoring and evaluation
- ❖ Costs and benefits

- ❑ Applicant's readiness to proceed



Attachment 4: Project Plan and Description

- Identify project type and describe water conservation measures/components
- Provide project plan and describe:
 - ❖ Nature of the work
 - ❖ Tasks; subdivide as applicable
 - ❖ Procedures
 - ❖ Materials, equipment, facilities
- Schedule corresponding to tasks
- Deliverables
- Potential adverse impacts
- Percent of benefits to DACs or EDAs

Attachment 4 will become part of the Grant Agreement language Statement Of Work

Attachment 4: (cont.)

❑ Section B additional information:

- ❖ Technical Assistance Projects: scope, target recipients, and purpose for assisting
- ❖ Feasibility Studies, Pilot and Demonstration Projects: description of needs and purpose, comparison of major alternatives considered, why project selected. Include detailed method for evaluations.
- ❖ Research and Development: hypothesis, background, monitoring and analysis
- ❖ Training, Education, or Outreach Programs: clear scope, materials used or developed, strategy to implement on statewide basis

Attachment 4 will become part of the Grant Agreement language Statement Of Work



Attachment 5: Monitoring Plan and Performance Evaluation

Goals:

- *Provide for monitoring and evaluation of project performance*
- *Identify measures that can be used to monitor progress*
- *Provide a tool for Applicants to monitor and measure progress*
- *Document project benefits*
- *Provide assurance the project will meet intended goals, achieve measureable benefits, provide value to the State.*

Attachment 5 will become part of the Grant Agreement language Statement Of Work



Attachment 5: Monitoring Plan and Performance Evaluation

- Description of pre-project conditions, baseline, basic assumptions
- Monitoring Plan and metrics to measure output and results
- Evaluation Plan and performance measures to verify benefits
- Description of how external factors will be dealt with
- Data handling, storage, reporting, and accessibility
- Estimated cost

Attachment 4 will become part of the Grant Agreement language Statement Of Work

Attachment 6: Project Costs

- ❑ Description of major cost items for each task, include assumptions, methods, computations
- ❑ Complete Table 1: **Table 1 costs must match project description tasks (and subtasks, if applicable)**
- ❑ Section A projects also provide Local Cost-Effectiveness (for funding priority):
 - ❖ Complete Tables 2 and 4
 - ❖ Tables 3 and 5 are automatically generated

Tables 1, 2, and 3 of Attachment 6 will become part of the Grant Agreement language Statement Of Work

Attachment 6: (cont.)

- ❑ Enter project costs by year (up to maximum of 3 years)
- ❑ Complete shaded cells in Table 1:
 - ❖ State share of project costs
 - ❖ Applicant's (local) minimum cost share (50% unless DAC or EDA)
 - ❖ Contingency no more than 10% for each cost category
 - ❖ Life of investment (in years)
- ❑ All capital costs converted to present value (2012 dollars) using the capital recovery factor (based on a 6% discount rate)

Attachment 6: (cont.)

Applicant:

THE TABLE IS FORMATTED WITH FORMULAS:

FILL IN THE SHADED AREAS ONLY

Table 1 - Project Costs

Section A projects must complete Life of investment, column VII. Do not use 0.										
Tasks/subtasks (I)	Year 1 \$	Year 2 \$	Year 3 \$	Total \$	Contingency % (III)	Cost + Contingency \$ (IV)	Applicant cost share \$ (V)	State Share \$ (VI)	Life of investment in years (VII)	Annualized Costs (IX)
(a) Task 1- Administration/ management ¹										
subtask 1-				-		-		-		-
subtask 2-				-		-		-		-
Subtotal, Administration Costs	--	--	--	-		--	--	--		\$0
(b) Task 2-(specify)										
subtask 1-				-		-		-		-
subtask 2-				-		-		-		-
subtotal, Task 2	--	--	--	-		--	--	--		\$0
(c) Task 3-										
subtask 1-				-		-		-		----
subtask 2-				-		-		-		----

Attachment 6: (cont.)

- ❑ **Table 2: Annual Operations and Maintenance Costs (Section A only)**
 - ❖ Applicant's annual administration, operations, maintenance, and other annual costs (O&M costs)
 - ❖ Required to calculate project annual costs in Table 3
 - ❖ Annual O&M costs are not eligible costs that can be paid out of the grant.

- ❑ **Table 3: Total Annual Project Costs (Section A only; auto-calculated)**
 - ❖ Totals annual project implementation costs from Table 1 and annual O&M costs from Table 2

Table 1 of Attachment 6 will become part of the Grant Agreement language Statement Of Work

Applicant:

THE TABLE IS FORMATTED WITH FORMULAS:

FILL IN THE SHADED AREAS ONLY

Table 2: Annual Operations and Maintenance Costs (dollars / year)

(to be paid by Applicant)

Operations ⁽¹⁾ (I)	Maintenance (II)	Other (III)	Total (IV) (I)+(II)+(III)
			\$

(1) include annual O&M administration costs here

Table 3: Total Annual Project Costs

Annual Capital Costs ⁽¹⁾ (I)	Annual O&M Costs ⁽²⁾ (II)	Total Annual Costs (III) (I+II)
\$ -	\$ -	

(1) From Table 1, row k column IX

(2) From Table 2, column (IV)

Attachment 6: (cont.)

- ❑ **Table 4: Project Annual and Total Local Monetary Benefits (Section A Only)**
 - ❖ Identify local monetary benefits of the project including: avoided water supply, energy, wastewater treatment, and labor costs.
 - ❖ List and describe any other local monetary benefits
 - ❖ Provide average annual project benefits, benefit unit of measurement, and duration of the benefit
 - ❖ This information will be used to calculate annual monetary value and the present value of project benefits

- ❑ **Table 5: Cost/Benefit Ratio (Section A Only; Auto-calculated) - *summary of the Annual (Table 3) and Total (Table 1) project costs and Total Local Monetary Benefits (Table 4)***

Attachment 6.3. Cost/Benefit Analysis

Applicant:

THE TABLES ARE FORMATTED WITH FORMULAS:

FILL IN THE SHADED AREAS ONLY

Table 4: Project Annual and Total Local Monetary Benefits (in Dollars)

ANNUAL LOCAL BENEFITS, I	ANNUAL QUANTITY of Benefit, II	UNIT OF MEASUREMENT, III	Value of Benefit \$/unit IV	ANNUAL MONETARY BENEFITS (\$ / yr) V	DURATION (Y), VI	Net Present Value of Monetary Benefits, VII
(a) Avoided Water Supply Costs (Current or Future Source)				0		0.00
(b) Avoided Energy Costs				0		0.00
(c) Avoided Drainage Discharge or Treatment Costs				0		0.00
(d) Avoided Labor Costs				0		0.00
(e) Other (describe)				0		0.00
(f) Total [(a) + (b) + (c) + (d) + (e)]				0		\$0

⁴ Examples include avoided cost of current water supply (or future supply if available), energy savings, labor savings, waste water treatment.

Table 5: Cost / Benefits Ratio

(a) Total annual monetary benefits [Table 4, row (f), column V]	\$0
(b) Total project cost [From Table 1. Budget Table, row (k), column IV]	\$0
(c) Cost/Benefit Ratio [(b) / (a)]	0.00

Attachment 7: Project Benefits

- ❑ Projects must create State benefits to be eligible for funding
 - ❖ Everyone must complete Attachment Table 7.1 – Qualitative Benefits
 - ❖ Section A Applicants must complete Attachment Table 7.2 – Quantitative Benefits
- ❑ Must use scientific methods and published reliable data to estimate expected local benefits and State benefits
- ❑ Document rationale for quantification and/or qualification of benefits; include assumptions, calculations, references, and other pertinent information used to arrive at estimates

Attachment 7 will become part of the Grant Agreement language Statement Of Work

Attachment 7: (cont.)

- ❑ **For all benefits, include the following:**
 - ❖ **Identify type of benefit (e.g., water savings, instream flow), time pattern and location where the benefit will be realized, duration of the benefit to each beneficiary**
 - ❖ **Rationale, assumptions, calculations, references used to arrive at values/qualitative assessment**
- ❑ **Include in the Qualitative Description of Table 7.1:**
 - ❖ **Potential benefits and information to be gained in terms of water use efficiency**
 - ❖ **How it would contribute to or support State goals**
 - ❖ **How information is transferable to other parts of the State**
- ❑ **Section A Applicants, also complete Table 7.2**
 - ❖ **If benefits cannot be quantified, Applicants must make compelling case for not quantifying**

7.1.A Qualitative Benefits: State (*= items to be included in the Grant Agreement)

Project Title:

Applicant:

Provide a detailed narrative of STATE project benefits. Provide time, pattern, location of benefits, and an estimate of the duration of those benefits / project life.

7.1.1* State Water Quantity:

7.1.2* State In-Stream Flow:

7.1.3* State Water Quality:

7.1.4* State Other Benefits:

7.1.B Qualitative Benefits: Local (*= items to be included in the Grant Agreement)

Provide a detailed narrative of LOCAL project benefits. Provide time, pattern, location of benefits, and an estimate of the duration of those benefits / project life.

7.1.5* Local Water Quantity:

7.1.6* Local In-Stream Flow:

7.1.7* Local Water Quality:

7.1.8* Local Other Benefits:

7.2.A Quantitative Benefits: State (*= items to be included in the Grant Agreement)

Project Title:

Applicant:

For Section A projects, quantify the anticipated STATE benefits (water saved or in-stream flow, water quality, energy efficiency) after project is implemented. Describe the role that the applicant will have in control and management of project benefits.

Description		Measure of Benefit / Unit	Quantity
7.2.1*	State Water Quantity:		
7.2.2*	State In-Stream Flow:		
7.2.3*	State Water Quality:		
7.2.4*	State Other Benefits:		

7.2.B Quantitative Benefit: Local (*= items to be included in the Grant Agreement)

For Section A projects, quantify the anticipated LOCAL benefits (water saved or in-stream flow, water quality, energy efficiency) after project is implemented. Describe the role that the applicant will have in control and management of project benefits.

Description		Measure of Benefit / Unit	Quantity
7.2.5*	Local Water Quantity:		
7.2.6*	Local In-Stream Flow:		
7.2.7*	Local Water Quality:		
7.2.8*	Local Other Benefits:		



Attachment 8: Reduction or Waiver of Cost-Share for DACs and EDAs

- ❑ **Complete Attachment 8 to request waiver or reduction of required 50% cost-share**
 - ❖ **Document presence of Disadvantaged or Economically Distressed Communities**
 - ❖ **Document Disadvantaged or Economically Distressed Communities participation**
 - ❖ **Describe benefits and impacts to Disadvantaged or Economically Distressed Communities**
 - ❖ **Calculate population and MHI of population served by the water from the projects**
 - ❖ **Explain why local share should be reduced or waived**

DAC Mapping Tool

http://www.water.ca.gov/irwm/grants/resources_dac.cfm

https://gis.water.ca.gov/app/dacs/

File Edit View Favorites Tools Help

California Department of ...

Prop 1 Funding Areas
Prop 1 Funding Areas

Prop 84 Funding Areas
Prop 84 Funding Areas

IRWM Regions

Disadvantaged Community Block Groups
Disadvantaged Community Block Groups

Disadvantaged Community Tracts
Disadvantaged Community Tracts

Disadvantaged Community Places
Disadvantaged Community Places

123 Main Street, CA

San Francisco, San Jose, Sacramento, Fresno, Los Angeles, San Diego, Tiwana, Mer

NEVADA, GREAT, CALIFORNIA

Satellite

Disadvantaged Communities Map

This application shows disadvantaged communities throughout the state. Click on features in the map or see below for more information:

DATA DISCLAIMER

All information provided by the Department of Water Resources on its Web pages and Internet sites, is made available to provide immediate access for the convenience of interested persons. While the Department believes the information to be reliable, human or mechanical error remains a possibility. Therefore, the Department does not guarantee the accuracy, completeness, timeliness, or correct sequencing of the information. Neither the Department of Water Resources nor any of the sources of the information shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information.

The following layers are contained in the map (scroll down for brief descriptions):

- County Boundaries
- Prop 1 Funding Areas

Unavailable

1:28 PM

EDA Mapping Tool

http://www.water.ca.gov/irwm/grants/resources_eda.cfm

Economically Distressed Areas Map

Clear all [Help!](#)

- County Boundaries
 - County Boundary
- Prop 1 Funding Areas
- Municipality-Population Counting Tool-Block Groups
- Municipality-Population Counting Tool-Tracts
- Municipality-Census Places
- Rural County
 - Rural Counties with < 85% MHI
- Unemployment Rate-Census Places
- Unemployment Rate-Counties
- Low Population Density-Block Groups
- Low Population Density-Census Tracts
 - Low Population Density - Tracts

County Boundaries This layer depicts the boundaries of California's Counties.

Prop 1 Funding Areas This layer depicts the 12 funding areas called out in Proposition 1. [More Info...](#)

Municipality-Population Counting Tool: Census Block Groups This layer depicts data from the US Census ACS 2009-2013 showing Census Block Groups identified as having both: a population that is $\leq 20,000$ people; and less than 85% of the State's median household income (MHI). The statewide MHI is \$61,094 for the period 2009-2013, and thus the 85% MHI is calculated at: \$51,930. This layer can be used to obtain populations at each Census Block Group and can be used to evaluate whether a given municipality has a population that is $\leq 20,000$ people. [More Info...](#)

Municipality-Population Counting Tool: Census Tracts This layer depicts data from the US Census ACS 2009-2013 showing

Unavailable



Attachment 9: Qualification of Applicants & Cooperators

- Identify and describe the role of any external cooperators
- Include a résumé(s) of project manager(s) at end of proposal, each not exceed 2 pages
- List any previous State or federal water use efficiency grant projects
- List any regional collaborators, the management/administration structure, and assignment of tasks and costs
- Consideration will be given to prior performance in water use efficiency programs including any current applications with other agencies



Attachment 10: Outreach, Community Involvement, and Acceptance

- Must coordinate with local governments and other local entities**
- Describe need and plan for public outreach to potentially affected parties**
- Identify level of support or opposition to the project**
- Identify potential 3rd party impacts**
- Estimate number of people or organizations expected to receive training, employment, or other social or economic benefits**
- Section B Projects - describe how information and project results will be disseminated**

Attachment I I: Innovation

- Describe any innovative technologies or methodologies to be employed that could contribute to improved efficiencies in projects throughout the State



Attachment 12: GHG Emission Calculations

- ❑ Energy savings = savings in electricity use and fossil fuel consumptions (diesel, natural gas, gasoline, etc.)
- ❑ If the project generates renewable energy, add the amount of renewable energy to the category of electricity saving
- ❑ To convert the energy/fuel savings to the avoided Greenhouse Gas (GHG) emissions:

GHG Emission Reduction = (Energy Savings) x (Emission Factor)

or

GHG Emission Reduction = (Fuel Savings) x (Emission Factor)

(Optional for Section B projects)



Attachment 13: Environmental Info Form & Documentation

- ❑ **Complete the included Environmental Information Form**
 - ❖ **Project subject to environmental review complete all items as applicable**
 - ❖ **Project not subject to environmental review project complete items 1, 2, and 8**
 - ❖ **A “project” as defined by CEQA is:**
“... the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment....” (CCR 15378)

Attachment 13: (cont.)

- ❑ **Include detailed plan for compliance with all applicable environmental requirements (if applicable)**
 - ❖ **Address compliance with CEQA and, if applicable, NEPA**
 - ❖ **Address compliance with local, county, State, and federal permitting requirements including local grading, Section 404 of the Clean Water Act, Department of Fish and Game 1600, and others**
 - ❖ **A schedule for completion of all applicable environmental documentation**
- ❑ **Provide copies of environmental documents (e.g., EIR, IS/MND, permits), as applicable, by mail with hard copy submittal (if applicable)**



Attachment 14: Project Prelim. Plans and Specifications

- Construction projects only**
- Submit Final or Preliminary Plans and Specifications by mail with hard copy**
 - ❖ **At a minimum, types and quantities of materials, dimensions, and location**
 - ❖ **Prepared by a California registered civil engineer**
- Not included in page limit**



Attachment 15: Compliance with SB X7-7, AB 1404, AB 1420, and other Requirements

- Complete Attachment 15 self-certification for preliminary screening
- Proof of compliance will be required prior to Agreement execution if selected for funding

15.0 Compliance with SB X7-7, AB 1404, AB 1420 and Other Requirements

Project Title:

Applicant:

(not in page limit)

Answer the questions below by stating “yes” or “no” in the right hand column. Where applicable, provide additional information/justification.

Yes/No
(If Yes, describe compliance)

15.1	<p>Are you an agricultural water supplier serving irrigated acreage of more than 25,000 acres excluding recycled water? If yes, indicate compliance status with SB X7-7 requirements below (See Final 2015 Agricultural Water Management Plan Guidebook at http://www.water.ca.gov/wateruseefficiency/agricultural/agmgmt.cfm)</p>	
	<ul style="list-style-type: none"> • Did you submit an Agricultural Water Management Plan to DWR? 	
	<ul style="list-style-type: none"> • Did you comply with the Agricultural Water Measurement Regulation? 	
	<ul style="list-style-type: none"> • Did you adopt a pricing structure for water customers based at least in part on quantity delivered? 	
	<ul style="list-style-type: none"> • Did you implement all locally cost-effective EWMPs? 	
	<ul style="list-style-type: none"> • If not implementing EWMPs (measurement, pricing, and other EWMPs), have you submitted a schedule, financing plan, and budget for implementation to DWR? 	
15.2	<p>Are you an agricultural water supplier supplying 2,000 acre-feet or more of surface water annually for agricultural purposes or serving 2,000 or more acres of agricultural land? If yes, did you submit an AB 1404 aggregate farm-gate delivery form to DWR? (www.water.ca.gov/wateruseefficiency/agricultural/farmgatedelivery.cfm)</p>	
15.3	<p>Are you an urban water supplier? If yes, are you in compliance with:</p> <ul style="list-style-type: none"> • Urban Water Management Plan? – if you provide over 3,000 acre-feet of water annually, or serve more than 3,000 urban connections. (See http://www.water.ca.gov/urbanwatermanagement/) • AB 2572 Water Meter Requirements in CWC §525 et seq.? (See http://water.ca.gov/wateruseefficiency/finance) • AB 1420 requirements? (See http://water.ca.gov/wateruseefficiency/finance) • SB X7-7 Requirements—on and after July 1, 2016, an urban water supplier is not eligible for a water grant or loan awarded or administered by the State unless the supplier complies with SB X7-7 water conservation requirements outlined in Part 2.55 (commencing with §10608) of Division 6 of the CWC. 	
15.4	<p>Are you in compliance with CWC §10920 et seq. - Groundwater Monitoring Program requirements? (See www.water.ca.gov/groundwater/casgem/)</p>	
15.5	<p>Are you in compliance with Part 5.1 (commencing with §5100) of Division 2 of the CWC - Surface Water Diversion Reporting requirements? (See www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/index.shtml)</p>	

On-Line Submittal Process

- On-line Submittal + one hardcopy to DWR**
- Must use GRANTS**
- Complete GRANTS questionnaire**
- Submit Attachments 2 through 13 and 15 via GRANTS**
- Submit Attachments 1 through 15 with hard copy**

Questions?



- ❑ **For questions on the Grant Program and Application Process:**

Fethi BenJemaa (916) 651-7025

Email: WUEgrants@water.ca.gov

- ❑ **For questions on the GRANTS Submittal:**

GRANTS Administration Team at (888) 907-4267

Email: GRANTSadmin@water.ca.gov



EXTRAS

Disadvantaged Community (DAC)

Disadvantaged Community = *an Applicant whose entire community that is served by the water from the project has (CWC § 79505.5 (a)):*

- ❑ **An annual MHI less than 80% of the statewide MHI (= less than \$48,875).**
 - ❖ **Refer to Exhibit II for how to document status**
 - ❖ **DAC mapping tool available at:
http://www.water.ca.gov/irwm/grants/resources_dac.cfm**

Economically Distressed Area (EDA)

Economically Distressed Area = *an Applicant whose entire community that is served by the water from the project has: (CWC § 79702(k)):*

- An annual MHI less than 85 % of the statewide MHI (= \$59,930) **AND**
- One of the following:
 - ❖ A municipality with a population of 20,000 persons or less, **OR**
 - ❖ A rural county, **OR**
 - ❖ A reasonably isolated and divisible segment of a larger municipality where the segment of the population is 20,000 persons or less

Economically Distressed Area (EDA) (cont.)

AND one of the following:

- ❖ Financial hardship **OR**
- ❖ Unemployment rate at least 2% higher than the statewide average **OR**
- ❖ Low population density

Refer to Exhibit II for how to document status

EDA mapping tool (under development) available at:
http://www.water.ca.gov/irwm/grants/resources_eda.cfm

EDA mapping tool instructions at:
http://www.water.ca.gov/irwm/grants/docs/Resources/EDA/Final_Proposition%201_Economically%20Distressed%20Area%20Instructions.pdf