

Application for Federal Assistance SF-424		
* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		
* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		
* If Revision, select appropriate letter(s): _____ * Other (Specify): _____		
* 3. Date Received: _____		4. Applicant Identifier: _____
5a. Federal Entity Identifier: _____		5b. Federal Award Identifier: _____
State Use Only:		
6. Date Received by State: _____		7. State Application Identifier: _____
8. APPLICANT INFORMATION:		
* a. Legal Name: Placer County Water Agency		
* b. Employer/Taxpayer Identification Number (EIN/TIN): 94-1552786		* c. Organizational DUNS: 0990879430000
d. Address:		
* Street1: 144 Ferguson Road		
Street2: _____		
* City: Auburn		
County/Parish: _____		
* State: CA: California		
Province: _____		
* Country: USA: UNITED STATES		
* Zip / Postal Code: 95603-3231		
e. Organizational Unit:		
Department Name: Technical Services		Division Name: Engineering
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: Mr.	* First Name: Robert	
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Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="200,000.00"/>
* b. Applicant	<input type="text" value="30,000.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="181,761.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="411,761.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

21. "By signing this application, I certify (1) to the statements contained in the list of certifications" and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances" and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

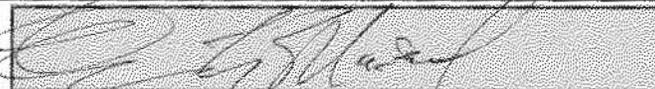
Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: 

* Date Signed:

ASSURANCES - NON-CONSTRUCTION PROGRAMS

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NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

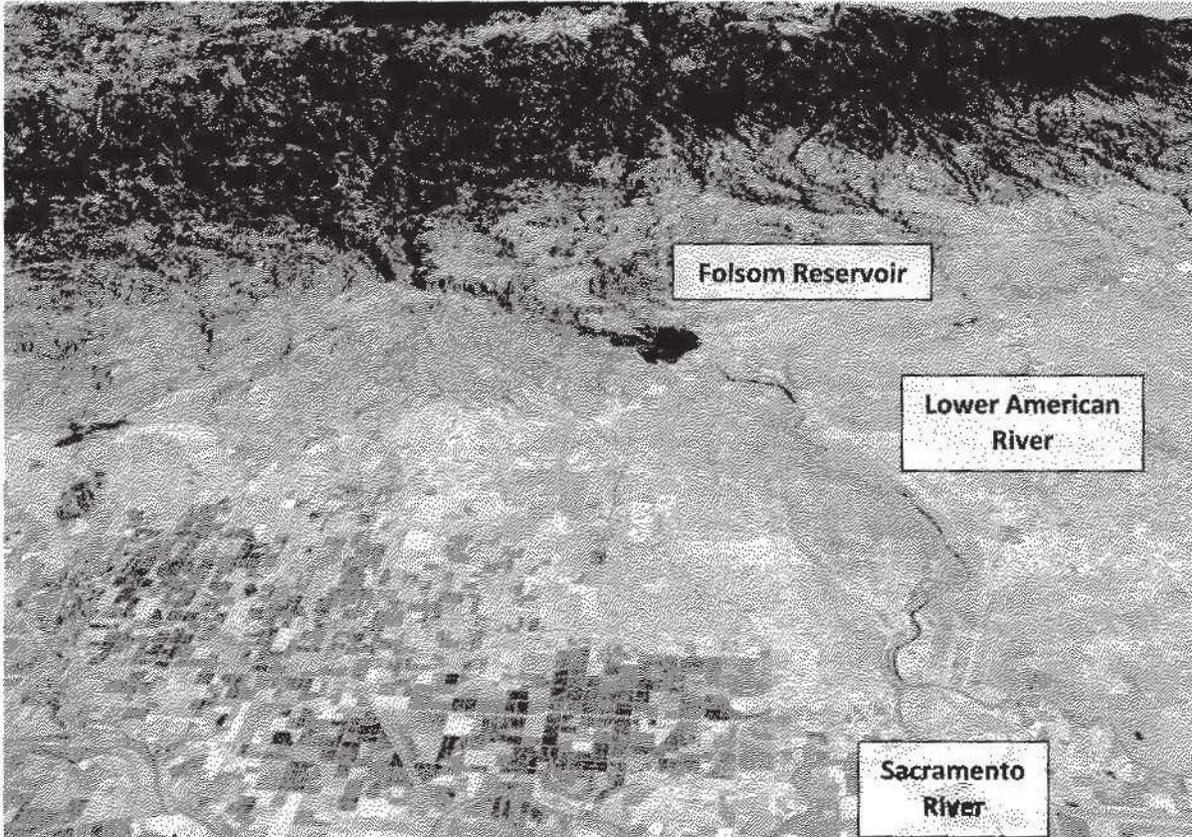
As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

WaterSMART: Drought Contingency Planning Grants for FY 2015
Funding Opportunity Number: R15AS00047

June 25, 2015

North American Basin Contractors Regional Drought Contingency Plan Project



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Executive Summary

North American Basin Contractors Regional Drought Contingency Plan Project

Date: June 25, 2015
Applicant: Placer County Water Agency
City, County, State: Auburn, Placer County, California

Proposal Summary

This is a collaborative project to develop a Regional Drought Contingency Plan (RDCP) among five large municipal and industrial (M&I) water agencies with Bureau of Reclamation (Reclamation) water service contracts to divert supply from the American River and Folsom Reservoir, an integrated feature of the Central Valley Project (CVP). Placer County Water Agency (PCWA) is acting as the applicant, with the cities of Folsom, Roseville, and Sacramento, and the San Juan Water District as partners. Current drought conditions in California have revealed substantial risks to the public water supply system in the greater Sacramento region, and the need to prepare a RDCP to increase the resiliency of the region's water resources in the face of future climate and drought conditions. The RDCP will be developed using an extensive stakeholder process that will include, at a minimum, 12 additional water agencies in the North American Basin, the Regional Water Authority (RWA), the Sacramento Regional Water Forum, and Reclamation. The RDCP partners have been engaged in integrated regional water planning for more two decades, and have been coordinated under the RWA¹ since 2001. Past accomplishments include preparation of an Integrated Regional Water Management Plan (IRWMP) in 2006 that was comprehensively updated in 2013, and completion of a partially Reclamation-funded System Optimization Review (SOR) in December 2012. The experienced management team that prepared the 2006 and 2013 IRWMPs and the SOR will lead the effort to prepare the RDCP.

Project Timeline

The project will be completed within an 19-month timeframe, beginning on October 1, 2015 and concluding by April 30, 2017.

Reclamation Project, Facility, Activity

Reclamation's CVP Folsom Unit is located within the geographic area to be addressed by the RDCP for the North American Basin.

¹ RWA is a joint powers authority formed in 2001 and consisting of more than 20 water suppliers in the greater Sacramento region for the purpose of protecting and enhancing the sustainability of regional water supplies.

Background Data

Project Area

The applicant is located in Auburn, Placer County, California. The project area includes northern Sacramento western Placer Counties. The entire area subject to the RDCP is shown in Figure 1, and includes some 550 square miles, with 17 water suppliers serving a population of more than 1 million people. The RDCP partners are shown on the map in darker blue, with the remainder of the RDCP area shown in lighter blue. The RDCP area encompasses the cities of Citrus Heights, Folsom, Lincoln, Rancho Cordova, Rocklin, Roseville, and Sacramento.

The focus of the RDCP is on M&I water supplies with an estimated current regional demand of 500,000 acre-feet per year (AFY) and an estimated 2030 demand of 700,000 AFY. Of the region's supply, approximately 150,000 AFY is met by local groundwater. Most of the remaining 350,000 AFY of supply is local surface water diversions from the American River and Sacramento River. Of this total, over 98,200 AFY is Reclamation CVP contract water (Reclamation long-term water service contractors include San Juan Water District, City of Folsom, City of Roseville, and PCWA) from the American River and Folsom Reservoir. The remaining surface water is from other sources including Reclamation Settlement Contracts, and pre-1914 water rights. Finally, the region uses about 10,000 AFY of recycled water.

Past Working Relationships with Reclamation

- PCWA has received several challenge grants from the "Water for America" Challenge Grant program to broaden the effectiveness of the PCWA Water Use Efficiency Program for funding customer rebates for the purchase of high efficiency toilets, urinals, and washers.
- PCWA has a water-service contract with the Reclamation for an annual maximum of 35,000 acre-feet of Central Valley Project water.
- PCWA also delivers raw water to the Sacramento Suburban Water District, the San Juan Water District and the City of Roseville from the Middle Fork Project, a storage and hydro-electric project, through Reclamation connections to Folsom Reservoir.
- PCWA recently completed the American River Pump Station in 2008 through a partnership with Reclamation.

Technical Project Description

The proposal is for Task A (Develop Drought Contingency Plan). The project will consist of six primary tasks to complete the six required elements of a DCP as detailed below.

Task 1: Establish Drought Planning Task Force

This task will establish a Drought Planning Task Force. The five RDCP partners act as the planning leads. A minimum of 12 additional water supply agencies in the project area will be engaged as potential active participants. These agencies represent the M&I and agricultural water suppliers in the RDCP area. Additionally, the Sacramento Water Forum would be engaged as a key representative of the environmental interest for water. The Regional Water Authority (RWA), a joint powers authority representing the region's water purveyors, will also serve on the task force. We will reach out to the California Department of Water Resources as a potential participant. Finally, Reclamation would be engaged as a key interest within the RDCP area and beyond.

Task 2: Develop Detailed Work Plan

The planning leads in consultation with Reclamation will develop a detailed work plan prior to commencing substantive work on the RDCP.

Task 3: Develop Communication and Outreach Plan

The planning leads will develop a communication and outreach plan to ensure active stakeholder and public engagement in preparation of the RDCP.

Task 4: Develop Draft Regional Drought Contingency Plan

Once task 1 through 3 are completed, work will commence on a draft RDCP. The RDCP will include the six required plan elements described as subtasks below.

Subtask 4.1: Drought Monitoring. This task will review, consolidate, and summarize data for near and long-term water availability in the RDCP area. This task will also create a framework for predicting and confirming future droughts by establishing data metrics used to indicate drought conditions. The region currently has significant ongoing monitoring efforts. Sources of data include state, federal, and local data available on the California Data Exchange Center (CDEC), participating water supply agencies, and regional groundwater management agencies.

Subtask 4.2: Vulnerability Assessment. This task will evaluate the risks and impacts of current and future drought in the RDCP area. The current drought has already exposed many of the vulnerabilities (low reservoir storage, low precipitation and snow pack, water rights curtailments, water contract entitlement reductions, state-mandated conservation targets). This task will include reviewing the impacts to local agencies from current drought conditions, reviewing seniority of water rights, and current and future water supplies and demands. Additionally, a geographical information system (GIS) based map of major regional water infrastructure will be developed to identify the current ability to move water around the region. Data in the map will include water system interconnections between agencies, as well as information on major pipelines and system operating pressures. To evaluate potential

vulnerabilities under future conditions, an existing climate impacts assessment included in the American River Basin Integrated Regional Water Management Plan (available at <http://www.rwah2o.org/rwa/programs/irwmp/>) will be used. Additionally, information from an ongoing Reclamation basin study of the Sacramento and San Joaquin Basins will be used to inform vulnerabilities under future climate conditions (available at <http://www.usbr.gov/mp/SSIBasinStudy/documents.html>).

Subtask 4.3: Mitigation Actions. This task will identify, evaluate and prioritize actions and activities to improve the region’s resiliency in the face of drought conditions. In particular, we will use the vulnerabilities identified in the previous task to develop mitigation actions. Prior to commencing identifying mitigation actions, we intend to work with Reclamation to discuss what range of actions are appropriate to explore with respect to coordinated local and Federal actions. Potential mitigation actions can be grouped into three main categories as shown below. Such actions may include, but are not limited to:

- Structural improvements. For example, system interconnections and booster pumps to move water throughout the region to agencies that experience early surface water reductions due to junior water rights.
- Operational improvements. For example, expanding the available yield of the underlying groundwater basin through increasing conjunctive use operations (e.g., using surface water preferentially in wet years and groundwater water preferentially in dry years).
- Administrative improvements. For example, expanding mutual aid or water sharing agreements with neighboring agencies. Other administrative improvements could include working with Reclamation to explore establishing a Reclamation water bank in the region to expand the storage capacity of Reclamation’s Folsom Unit.

Subtask 4.4: Response Actions. This task will identify, evaluate and prioritize response actions and activities that can expeditiously mitigate impacts during an ongoing drought. The task will include collecting and summarizing existing water shortage contingency plans in the RDCP area. These water shortage plans identify specific trigger and water cutback requirements based on water supply stages. An example, of a portion of an existing water stage shortage for PCWA’s treated water system is included as **Attachment 1** of this application. Based on a review of existing water shortage stage actions, recommended regional response actions related to the drought monitoring framework (Subtask 4.1 above) will be developed.

Subtask 4.5: Operational and Administrative Framework. This task will coordinate with the RDCP partners to develop and describe the roles, responsibilities, and procedures for conducting drought monitoring, initiating mitigation and response actions, and updating the RDCP.

Subtask 4.6: Plan Update Process. This task will develop and describe a process and schedule for monitoring, evaluating, and updating the RDCP.

Task 5: Prepare Final Regional Drought Contingency Plan

Following completion of the draft RDCP, a review copy will be submitted to Reclamation to ensure the plan meets program requirements. Additionally, a draft of the RDCP will be provided to Task Force participants and other interested stakeholders for a 30-day review period. This task will address comments and prepare a final version of the RDCP.

Task 6: Reclamation Agreement Management

This task will ensure that all project activities are in compliance with the Reclamation funding agreement. This includes preparation of semi-annual reports and reimbursement requests (or other frequency if required), final project reports, and contractor procurement.

Evaluation Criteria

Need for a Drought Contingency Plan

Existing or potential drought conditions to be addressed in the Drought Contingency Plan

The North American Basin is substantially suffering from existing drought conditions. As can be seen in Figure 2 below, the entire RDCP area, as indicated by the white star on the map, is experiencing exceptional drought.

For more complete drought information for California, see the California Regional Drought Early Warning Page

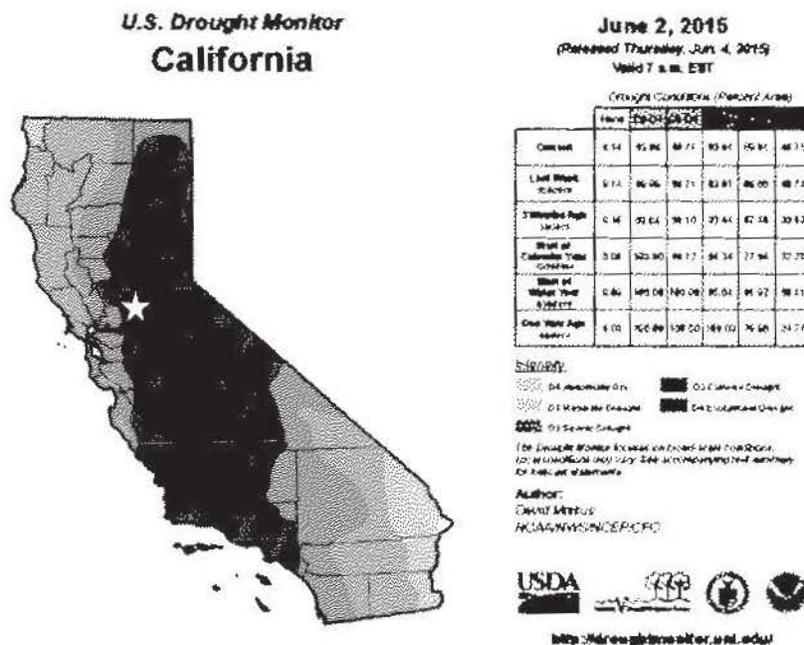


Figure 2. Drought in California (<http://droughtmonitor.unl.edu/>)

The region, along with much of the rest of California began experiencing dry conditions in 2011. Because California is prone to dramatic swings in wet versus dry years, an official drought was not recognized and declared by the Governor until January 17, 2014. The region began recognizing that a serious water crisis was emerging in mid-2013 in looking at then-current and projected storage in Folsom Reservoir. Storage levels were projected to be so low that it prompted San Juan Water District to write a letter in August 2013 urging Reclamation to modify its releases from Folsom Reservoir to preserve water in storage over concerns that pool levels would fall below those needed to withdraw public water supply. On December 23, 2013, the City of Folsom became one of the first agencies in the state in calling on customers to reduce water usage by 20%. As the drought deepens, the impacts to local water supply are increasing.

Figure 3 below shows storage levels in Reclamation’s Folsom Reservoir facility. The figure shows historical average storage, as well as 1976-1977, 2013-2014, and current year levels. As can be seen on the graph, storage in Folsom Reservoir as of October 2013 was below that of

the past low storage of 1976-77. By February 2014, the reservoir had dropped to about 168,000 acre-feet, which is the lowest recorded since Folsom began operations in 1956. This prompted SJWD to develop a plan for health and safety-only water supplies. A series of storms in February helped avert a situation where the reservoir would drop below public water supply intakes. As can also be seen on the graph below, 2014 storage levels began the water year at about the same point as the previous year. As of June 17, 2015, storage in Folsom is lower than at the same time last year and is already below 500,000 acre-feet (the reservoir is at 60% of its historical average for this time of year). Reclamation has been forced to increase its releases from Folsom to above 2,000 cubic feet per second to assist in managing water quality in the Sacramento-San Joaquin Delta. At this rate, storage in fall 2015 is projected to be at the lowest-ever storage levels in the reservoir, approaching 100,000 acre-feet, the point at which local water districts can no longer withdraw adequate water from the reservoir. This significantly threatens the region's ability to provide basic levels of service to municipal and industrial customers.

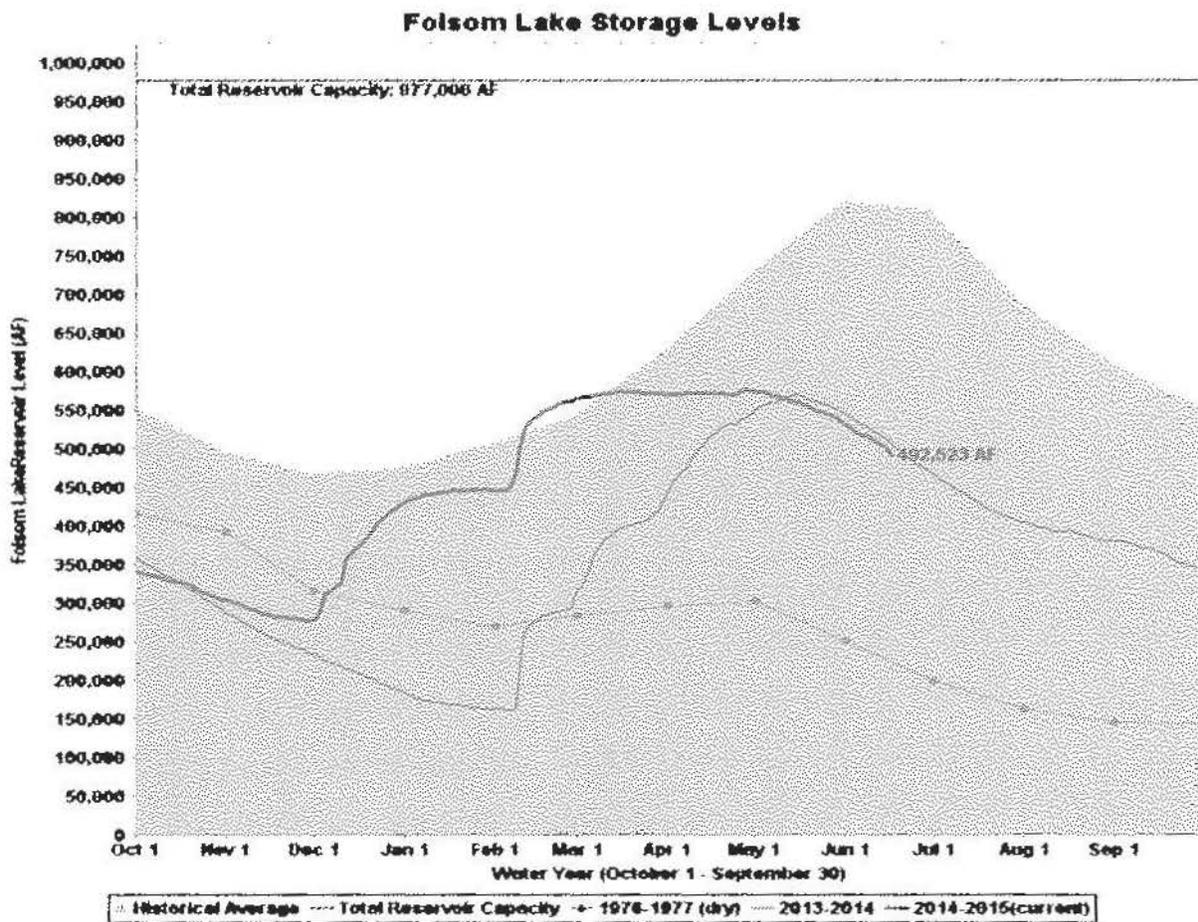


Figure 3. Storage levels in Reclamation's Folsom Reservoir.

Water rights and allocations have already been impacted during the current drought conditions. The California State Water Resources Control Board (Water Board) issued

curtailment orders on all post-1914 water rights in both 2014 and 2015. On June 12, 2015, the Water Board curtailed water rights with priority dates from 1903 to 1914, which includes a PCWA water right. Senior water rights have only been curtailed one previous time (1976-77) in the history of California permitted water rights system. Reclamation has only allocated 25% of historic supply to its CVP American River Division M & I contractors, which is the lowest allocation ever for this region.

Future climate is expected to increase the frequency, severity, and duration of drought within the region. With projected loss of average Sierra snowpack of greater than 20% and changes to the timing of runoff, significant mitigation actions will be needed to make the region more resilient to future drought.

As part of development of an IRWMP for the American River Basin, RWA utilized future climate hydrology projections from a California Department of Water Resources 2012 report (*The State Water Project Final Delivery Report 2011: CalSIM-II studies for State Water Project report of 2031 Future Conditions with and without Climate Change*) as input data to a regional integrated groundwater surface water model. The results are documented in Appendix D of the ARB IRWMP (available at <http://www.rwah2o.org/rwa/programs/irwmp/>). The future scenarios indicate a reduced average annual precipitation in the region of 7%, reduced American River flows of 8%, reduced Sacramento River flows of 1%, and an increase in groundwater demand of about 2%. As the region grows these impacts will be even more pronounced in drought conditions.

Severity of the risks to water supplies that will be addressed in the Regional Drought Contingency Plan

This RDCP addresses very severe risks to public water supply for M&I uses. As described above the threat of the loss of Folsom Reservoir as a water supply continues to grow through time. There is not currently a comprehensive plan or infrastructure that would ensure that even basic health and safety levels of service could be maintained for all of the agencies in the North American Basin in the event of the loss of access to Folsom Reservoir water supplies. An alternative supply could be available in the groundwater basin, but the RDCP is needed to identify operations and facilities needed to fully utilize that alternative in a sustainable manner.

Environmental uses of water are also at significant risk from drought. Fish species relying on the American River and lower Sacramento River include the endangered winter-run Chinook Salmon, the threatened spring-run Chinook Salmon, and the threatened Steelhead Trout. In early 2014, releases from Folsom Reservoir into the lower American River had to be reduced to 500 cubic feet per second for an extended period of time. An estimated 10-15% of Chinook Salmon redds in the river at the time were lost due to going dry when river levels dropped. The intent of the RDCP is to identify alternative supplies and operations that would alleviate these critical conditions.

Status of any existing Drought Contingency Plan

The regional partners do not have an existing RDCP. However, the region has for years been working on coordinated planning to improve water supply reliability. The latest products of the regional planning include a 2012 SOR and the 2013 update to the American River Basin IRWMP. Each of the partners do have established agency-specific Water Shortage Contingency Plans (see **Attachment 1** for an excerpt from the PCWA plan) that defines water use reduction stages during emergency conditions. However, water supplies in the region were always considered so reliable that there was never a need to prepare a detailed RDCP. The current conditions in the region have shown that there is a compelling need to prepare a RDCP. Preparing a RDCP on a coordinated regional basis between the North American Basin Reclamation Contractors, while leveraging the work from the previous planning documents noted above, will make the effort more efficient and more effective.

Diversity of Stakeholders

Diversity of stakeholders to be involved in the planning process

Development of the RDCP will include a very diverse group of internal and external stakeholders. The table below identifies 17 water suppliers (also shown in Figure 1 of the application) and two non-water suppliers (the RWA and the Sacramento Water Forum) representing environmental water interests in the region. Many of the organizations are already engaged in discussing a program to achieve regional water supply reliability in the North American Basin, so they are identified as current stakeholders. Six additional local organizations will be invited to participate. Additionally, we anticipate that Reclamation will be an active stakeholder throughout the process. Finally, we expect to reach out to the California Department of Water Resources to identify if there is an interest in participation from the State Water Project.

The table also identifies that a broad range of water supply interests will be engaged. Although the RDCP will focus on an outcome of water supply resiliency for M & I purposes, it is expected that direct benefits will also accrue to local agriculture. PCWA, the applicant, also supplies agricultural water in the area along with Natomas Central Mutual Water Company. There is only one tribe located within the North American Basin – the United Auburn Indian Community of the Auburn Rancheria (UAIC). The UAIC receives its water supply through PCWA. We intend to reach out to the UAIC to identify if they would want to be an active stakeholder.

Current and Proposed RDCP Participants

Organization	Status		Type of Supply Represented		
	Current Stakeholder	To be Invited	Municipal/ Industrial	Agricultural	Environmental
Placer County Water Agency	X		X	X	
City of Folsom	X		X		
City of Roseville	X		X		
City of Sacramento	X		X		
San Juan Water District	X		X		
California American Water	X		X		
Carmichael Water District	X		X		
Citrus Heights Water District	X		X		
City of Lincoln		X	X		
Del Paso Manor Water District		X	X		
Fair Oaks Water District		X	X		
Golden State Water Company		X	X		
Natomas Central Mutual Water Company	X			X	
Orange Vale Water Company		X	X		
Regional Water Authority	X		X	X	X
Rio Linda/Elverta Community Services Dist	X		X		
Sacramento County Water Agency	X		X		
Sacramento Suburban Water District	X		X		
Sacramento Water Forum		X			X

The five RDCP partner agencies and the Regional Water Authority have confirmed their support of the project through the application resolution and funding support letters (see **Attachment 2** of this application). Because the time available to complete this application was limited, we only sought support letters from a limited number of stakeholders. A letter of support signed by six stakeholder agencies is included in **Attachment 3** of this application. Additionally, a letter of support from the Sacramento Water Forum, representing a diverse group of stakeholders in the region, is attached.

Finally, during development of the Communication and Outreach Plan, we will work with the current stakeholders, including Reclamation, to identify if there are any additional stakeholders that should be involved in the process. The Communication and Outreach Plan will identify how to reach out to those stakeholders and how to keep them engaged or informed of the RDCP development process.

Project Implementation

PCWA and its regional partners are confident in their ability to complete the program requirements within the timeframe, because the plan builds on significant past coordination and planning that will substantially contribute to the effort. We have the policy and technical institutions in place necessary to successfully complete an RDCP for the North American Basin, and we have a track record of past planning success. Most relevant are the completion of the historic Water Forum Agreement in April 2000 and the creation of the Regional Water Authority in July 2001. A brief background on the efforts is provided below.

Representatives of water suppliers, local governments, citizens groups, environmental organizations, and business began the Water Forum in 1993 with a goal of developing a plan to ensure reliable long-term water supplies while protecting the Lower American River. Following more than six years of analysis, professionally facilitated discussion, and negotiations, 40 diverse stakeholder groups signed the WFA (the WFA is available online at <http://www.waterforum.org>.) in April 2000. The WFA included the following co-equal objectives:

- Provide a reliable and safe water supply for the region's economic health and planned development through the year 2030.
- Preserve the fishery, wildlife, recreational, and aesthetic values of the lower American River.

RWA is a JPA formed in 2001 in large part to assist local water suppliers in complying with various aspects of the WFA, including implementation of a regional water efficiency program to help meet the WFA water conservation element. Since 2001, the size and scope of RWA has grown significantly. Today, RWA has more than 20 water supplier member agencies in the greater Sacramento region; several of these agencies also manage wastewater and stormwater. Among RWA's associate members, agencies that do not serve water directly to customers, are the Sacramento Regional County Sanitation District, Sacramento Area Flood Control Agency, and the Sacramento Municipal Utility District. This broad representation ensures a high level of

integration of water-related planning in the region, including potable and recycled water supply, flood and stormwater management, and water and energy demand management. Past accomplishments include preparation of an IRWMP in 2006 that was comprehensively updated in 2013, and completion of a partially Reclamation-funded System Optimization Review (SOR) in December 2012. The SOR was submitted through San Juan Water District as the lead applicant, with RWA staff managing development of the SOR and management of the funding agreement with Reclamation. Through the past collaboration in the region and completion of the IRWMP and SOR, much of the information needed for successful RDCP can be efficiently and cost-effectively developed.

Approach for addressing the six required elements of a Drought Contingency Plan

The approach for addressing each of the six required plan elements is described below.

Drought Monitoring. This task will review, consolidate, and summarize data for near and long-term water availability in the RDCP area. This task will also create a framework for predicting and confirming future droughts by establishing data metrics used to indicate drought conditions. The region currently has significant ongoing monitoring efforts. With so much data readily available, a big focus of this task will be in identifying and compiling available data. Sources of data include state, federal (e.g., <http://www.usbr.gov/mp/cvo/>), and local data available on the California Data Exchange Center (CDEC), participating water supply agencies, and regional groundwater management agencies.

The other major focus of this task will be on compiling and describing the various indices that define water supply conditions as they apply to different sources of supply. For example, through the Water Forum process, local water suppliers define water conditions based in unimpaired inflow to Folsom Reservoir. Inflow dictates when certain agencies can divert surface water or when they must use groundwater as an alternate water source. In turn, Reclamation uses conditions throughout its Central Valley reservoirs to define supply conditions to assign annual allocations to its contractors. It is possible to have relatively normal conditions in the American River watershed, while having dry conditions in other parts of the CVP. These various indices need to be understood to develop effective mitigation strategies in the RDCP.

Vulnerability Assessment. This task will evaluate the risks and impacts of current and future drought in the DCP area. The current drought has already exposed many of the vulnerabilities (low reservoir storage, low precipitation and snow pack, water rights reductions, state-mandated conservation targets). This task will include reviewing the impacts to local agencies from current drought conditions, reviewing seniority of water rights, and current and future water supplies and demands. Additionally, a geographical information system (GIS) based map of major regional water infrastructure will be completed to identify the current ability to move water around the region. Data in the map will include water system interconnections between agencies, as well as information on major pipelines and system operating pressures. To evaluate potential vulnerabilities under future conditions, an existing climate impacts assessment included in the American River Basin IRWMP (available at <http://www.rwah2o.org/rwa/programs/irwmp/>) will be used. Additionally, information from

an ongoing Reclamation basin study of the Sacramento and San Joaquin Basins will be used to inform vulnerabilities under future climate conditions (available at <http://www.usbr.gov/mp/SSJBasinStudy/documents.html>).

By looking at each water purveyor from an overall supply perspective, we can define vulnerabilities. Questions to answer for each agency include, but are not limited to:

- What are the minimum and maximum volumes of surface water or groundwater to which the purveyor has access?
- How much does customer demand vary throughout the course of a year?
- What is the priority of surface water rights?
- What place of use restrictions for surface water rights exist?
- What is the current interconnection capacity with neighboring agencies?
- What is the potential volume of water available from neighboring agencies at both low and peak demand times?
- What are current and projected demands?

This information will be critical to identifying and prioritizing mitigation actions. For example, the California State Water Board issued a curtailment order in 2014 and again in 2015 to a local agency with a 1929 priority surface water right. This priority of right had only once (1976-77) been subject to a past curtailment in more than a century of California's water rights system, so the agency was surprised to find itself in a very vulnerable supply position.

Mitigation Actions. This task will identify, evaluate and prioritize actions and activities to improve the region's resiliency in the face of drought conditions. In particular, we will use the vulnerabilities identified in the previous task to develop mitigation actions. For example, system interconnections and booster pumps could be used to move water throughout the region to agencies that experience early surface water reductions due to junior water rights. Another major mitigation action that will be evaluated is expanding the available yield of the underlying groundwater basin through increasing conjunctive use operations (e.g., using surface water preferentially in wet years and groundwater water preferentially in dry years).

Our approach to identifying mitigation actions will be to conduct facilitated workgroup meetings among the purveyors to discuss their vulnerabilities identified above, and then to begin identifying potential actions. Some of the actions are physical improvements (e.g., interties, booster pumps), while others may be contractual/institutional enhancements (e.g., entering into agreements to provide water in advance of a drought). One key potential mitigation action that the RDCP partners wish to explore with Reclamation is whether the region could be established as a Reclamation-recognized water bank. This has been accomplished in several areas of the state, but never in the Sacramento Valley. Establishing a water bank has the potential to expand the storage capacity of the Folsom Unit by storing water in the basin in wet years and recovering it in dry years.

Response Actions. This task will identify, evaluate and prioritize regional response actions and activities that can expeditiously mitigate impacts during an ongoing drought. The task will include collecting and summarizing existing water shortage contingency plans in the RDCP area. These water shortage plans identify specific trigger and water cutback requirements based on water supply stages. An example, of a portion of an existing water stage shortage for PCWA’s treated water system is included as **Attachment 1** of this application. Based on a review of existing water shortage stage actions, recommended regional response actions related to the drought monitoring framework will be developed.

Operational and Administrative Framework. This task will coordinate with the RDCP partners to develop and describe the roles, responsibilities, and procedures for conducting drought monitoring, initiating mitigation and response actions, and updating the RDCP.

Plan Update Process. This task will develop and describe a process and schedule for monitoring, evaluating, and updating the RDCP.

Schedule

Because the current drought has been ongoing for so long, we have developed a 19-month schedule to allow for near-term actions in the event the drought persists into 2016 and beyond. The overall schedule is shown below and assumes a commencement date of October 2015. The project assumes a 19-month project duration to be completed by April 30, 2017. Semi-annual interim reports will be submitted in April and October 2016, and a final progress report will be submitted by April 30, 2017.

Task	2015			2016												2017			
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
1. Establish Drought Planning Task Force	█																		
2. Develop Detailed Work Plan	█	█																	
3. Develop Communication and Outreach Plan		█	█																
4. Develop Draft Drought Contingency Plan				█	█	█	█	█	█	█	█	█	█	█	█				
5. Prepare Final Drought Contingency Plan																	█	█	
6. Reclamation Agreement Management	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

Personnel Qualifications

We have assembled a highly skilled and experienced team to complete the RDCP. We anticipate that with the proposed funding being in the form of a cooperative financial assistance agreement that Reclamation will have substantial involvement throughout the course of the project.

Mr. Rob Swartz from RWA will be the overall project manager. He has already managed the development of the 2006 and 2013 versions of the IRWMP for the region. Rob also managed development of the 2012 SOR for the region. Rob will serve as a technical lead for assessing regional vulnerabilities and identifying and prioritizing long-term mitigation actions.

Ms. Amy Talbot from RWA will oversee development of management response actions. As RWA's Regional Water Efficiency Program Manager since 2012, Amy has developed a regional template for Water Shortage Contingency Plans. Amy will serve as the technical lead for water efficiency measures as a long-term mitigation action, and water conservation actions for short-term responses to active drought conditions.

Each DCP agency is committing a senior-level staffer or manager to participate during development of the RDCP. These individuals bring strong knowledge of their respective organizations to ensure that priority vulnerabilities, mitigation actions, and appropriate response actions are identified in the RDCP.

A significant portion of the development of the RDCP will require consulting support. As part of the RDCP, we will select consulting services through a process that identifies the highest level of technical expertise available to develop the plan.

Nexus to the Bureau of Reclamation

This RDCP effort has a very strong connection with Reclamation project activities. The hub of the region's water supply system is Folsom Reservoir. Participating water agencies in the RDCP have Reclamation CVP and PL 101-514 Contracts for more than 120,000 AFY from the American River. Much of the remaining average annual surface water supply is either taken from, or passes through, Reclamation's Folsom Reservoir facility. Additionally, the City of Sacramento diverts about 60,000 AFY from the Sacramento River under a Reclamation Settlement Contract, which is released from Reclamation's Shasta Reservoir facilities. The projects identified in this RDCP will provide the region with great flexibility in matching water source and demand with hydrologic conditions experienced in any given water year type, particularly during drought.

During the process, we expect to evaluate increased use of available aquifer storage space in the region's groundwater basin. As part of that evaluation, we are interested in exploring the establishment of a designated Reclamation water bank in the region that could store wet year water on behalf of Reclamation contractors. This could effectively expand CVP storage, which would directly benefit Reclamation. Reclamation staff will be invited to participate as a stakeholder throughout the RDCP process.

Budget Form (SF424-A)

See completed budget form on next page.

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 06/30/2014

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Reclamation State Emergency Drought Relief	15.514	\$	\$	\$ 200,000.00	\$ 211,761.00	\$ 411,761.00
2.						
3.						
4.						
5. Totals		\$	\$	\$ 200,000.00	\$ 211,761.00	\$ 411,761.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Reclamation State Emergency Drought Relief				
a. Personnel	\$ 76,461.00	\$	\$	\$	\$ 76,461.00
b. Fringe Benefits	35,300.00				35,300.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	300,000.00				300,000.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	411,761.00				\$ 411,761.00
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 411,761.00	\$	\$	\$	\$ 411,761.00
7. Program Income	\$	\$	\$	\$	\$

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Standard Form 424A (Rev. 7-97)
Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. Reclamation State Emergency Drought Relief	\$ 30,000.00	\$	\$ 181,761.00	\$ 211,761.00	
9.					
10.					
11.					
12. TOTAL (sum of lines 8-11)	\$ 30,000.00	\$	\$ 181,761.00	\$ 211,761.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 150,000.00	\$ 40,000.00	\$ 40,000.00	\$ 35,000.00	\$ 35,000.00
14. Non-Federal	\$ 150,000.00	\$ 40,000.00	\$ 40,000.00	\$ 35,000.00	\$ 35,000.00
15. TOTAL (sum of lines 13 and 14)	\$ 300,000.00	\$ 80,000.00	\$ 80,000.00	\$ 70,000.00	\$ 70,000.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. Reclamation State Emergency Drought Relief	\$ 50,000.00	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)	\$ 50,000.00	\$	\$	\$	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: <input style="width: 300px;" type="text"/>		22. Indirect Charges: <input style="width: 300px;" type="text"/>			
23. Remarks: <input style="width: 850px; height: 20px;" type="text"/>					

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Attachment 1 – Excerpt from PCWA Water Shortage Contingency Plan

Water Shortage Actions – Treated Water Systems

Regardless of water supply availability or service conditions, the Board of Directors reserves the right to set water conservation goals and modify stage declarations as necessary, based on the impact to the environment or statewide water shortage conditions to align with regional or state water conservation policies, agreements, declarations or legal requirements. The Board of Director's shall determine, based on present water conditions and any lawful directive of the State Water Resources Control Board, the treated water shortage stage applicable to the Agency for the coming year. All wasteful practices or unreasonable uses of water, whether willful or negligent, are always prohibited.

PCWA's Water Shortage Contingency Plan consists of a normal water supply condition and four stages of varying conservation actions and use restrictions intended to meet target demands. Implementation of the stages is cumulative; meaning that implementation of a higher stage shall also include implementation of previous stages. These actions shall be used as a starting point to meet targets and shall be monitored, as described later in this plan, for performance. For each stage, the water reduction for customers shall be as follows:

Normal Water Supply – (“Use Water Efficiently”) Shall be in effect at all times unless the Board determines that a more restrictive conservation stage is appropriate. Base allocation of water may be used to determine allowable water use for each customer in this stage and compliance with the following stages.

Stage 1- (“Water Alert”) – Shall achieve a reduction of up to 20% relative to the base allocation of water.

Stage 2- (“Water Warning”) – Shall achieve a reduction of up to 30% relative to the base allocation of water.

Stage 3- (“Water Crisis”) – Shall achieve a reduction of up to 40% relative to the base allocation of water.

Stage 4- (“Water Emergency”) – Shall achieve a reduction of up to 50% relative to the base year of water.

Normal Water Conditions, “Use Water Efficiently” - Normal conditions shall be in effect at all times unless the Board determines that a more restrictive stage is appropriate. To promote the efficient use of water the Agency has adopted inclining block consumptive water rates for residential and commercial treated water customers. The following best practices are recommended during Normal Water Conditions:

1. Leaks or faulty sprinklers shall be repaired within 72 hours of occurrence.
2. Decorative water features must recirculate and shall be leak proof.
3. Landscapes shall only be watered between the hours of 9:00 p.m. and 9:00 a.m. to reduce evaporation and minimize landscape runoff.
4. Water shall be confined to the customer's property and shall not be allowed to run off to adjoining property, roadside, non-irrigated areas, private and public walkways, roadways,

parking lots, ditch or gutter or any other impervious service. Care shall be taken not to water past the point of saturation.

5. No landscape watering shall occur during rain/snow or within 48 hours after a ¼" or more of rainfall/snowfall.

6. Automatic shut-off devices shall be installed on any hose or filling apparatus in use.

7. Unauthorized use of hydrants shall be prohibited. Authorization for use must be obtained from PCWA.

8. Commercial, industrial, institutional equipment must be properly maintained and in proper working order.

9. All new landscaping shall, at a minimum, adhere to the specifications outlined in the State's Model Water Efficient Landscape Ordinance adopted by the California Department of Water Resources or specifications of any land use jurisdiction in effect.

Stage 1, "Water Alert," up to 20% Conservation - In addition to all the above, the following actions are mandatory:

1. Resale water suppliers to which the Agency provides water are advised to implement conservation measures comparable to those adopted by PCWA, to achieve the same level conservation.

2. Restaurants shall serve water to customers only upon request.

3. Hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered. The hotel or motel shall prominently display notice of this option in each bathroom using clear and easily understood language.

4. Turf watering shall be limited to a maximum of three days per week during the months of July and August, a maximum of two days per week in April, May, June, September, October and November, and shall not be watered during the remaining winter months unless PCWA notifies customers that watering is allowed due to unseasonably and extended dry conditions. Plant containers, trees, shrubs and vegetable gardens may be watered additional days when using drip irrigation or hand watering.

5. Washing down impervious surfaces such as driveways and sidewalks shall be prohibited unless necessary for public health and safety purposes.

6. Non-essential flushing of mains and fire hydrants shall be prohibited

Stage 2, "Water Warning," up to 30% Conservation - In addition to all the above, the following actions are mandatory:

1. Decorative water features, such as fountains shall be drained and kept dry.

2. A construction water use plan shall be submitted that mitigates the use of water for purposes such as dust control.

3. The installation of new landscaping for existing homes shall be limited to low water use trees, shrubs and groundcover. The installation of new turf or hydro seed for existing homes shall be prohibited unless watered using drip or microspray systems. Customers who had installed new turf or hydro seed prior to the prohibition may apply for a waiver to irrigate during an establishment period.

4. Outside irrigation for newly constructed homes and buildings shall be prohibited unless watered using drip or microspray systems.

5. Turf watering shall be limited to a maximum of two days per week April through November and shall not be watered during the remaining winter months unless PCWA notifies customers that watering is allowed due to unseasonably and extended dry conditions. Plant containers, trees, shrubs and vegetable gardens may be watered additional days when using drip irrigation or hand watering.
6. Commercial, Industrial, and Institutional properties, such as campuses, golf courses, and cemeteries shall implement water efficiency measures to achieve a water usage reduction consistent with the objective of this stage.
7. Irrigation of ornamental turf on public street medians with potable water shall be prohibited.

Stage 3, "Water Crisis," 40% Conservation - In addition to all the above, the following actions are mandatory:

1. Existing pools shall not be emptied and refilled unless required for public health and safety purposes.
2. No new landscape installations or renovations shall be permitted.
3. Waivers granted previously for turf or hydro seed watering during an establishment period shall be revoked.
4. The use of reclaimed water for dust control, earthwork, or road construction shall be required, as permits allow and as available.
5. Turf watering shall be limited to a maximum of one day per week April through November and shall not be watered during the remaining winter months unless PCWA notifies customers that watering is allowed due to unseasonably and extended dry conditions. Plant containers, trees, shrubs and vegetable gardens may be watered additional days when using drip irrigation or hand watering.
6. Car washing shall only be permitted using a commercial carwash that recirculates water and use high pressure/low volume wash systems.

Stage 4, "Water Emergency," 50% and Greater Conservation - In addition to all the above, the following actions are mandatory:

1. Turf shall not be watered. Plant containers, trees, shrubs and vegetable gardens shall be watered only by drip irrigation or hand watering.

Attachment 2 – Funding Letters of Commitment and Support



June 18, 2015

Deb Sedwick, Chair
Spencer Short, Vice
Chair

Members

- California American Water
- Carmichael Water District
- Citrus Heights Water District
- Del Paso Manor Water District
- El Dorado Irrigation District
- Elk Grove Water District
- Fair Oaks Water District
- Folsom, City of
- Golden State Water Company
- Lincoln, City of
- Orange Vale Water Company
- Placer County Water Agency
- Rancho Marieta Community Services District
- Roseville, City of
- Rio Linda / Elverta Community Water District
- Sacramento, City of
- Sacramento County Water Agency
- Sacramento Suburban Water District
- San Juan Water District
- West Sacramento, City of
- Woodland-Davis Clean Water Agency
- Yuba City, City of

Associates

- El Dorado County Water Agency
- Sacramento Municipal Utility District
- Sacramento Regional County Sanitation District
- Sacramento Area Flood Control Agency

Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

Subject: Funding Commitment for the North American Basin Contractors Regional Drought Contingency Plan Project: Funding Opportunity Announcement No. R15AS00047

Dear Mr. Maisch:

I am writing on behalf of the Regional Water Authority to confirm our commitment and support of the North American Basin Contractors Regional Drought Contingency Plan Project. We understand that Placer County Water Agency is acting as the lead grant applicant in our collaborative effort in seeking assistance for the proposed project.

To show our commitment to the project, our agency is committing up to \$61,761 through in-kind and direct funding support to meet the non-federal cost-share requirements for the project. The cost-share is immediately available and will be in place for the duration of the project. There are no other constraints or contingencies associated with our cost-share commitment.

Sincerely,



John K. Woodling
Executive Director



June 16, 2015

Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

Directors
Edward J. "Ted" Costa
Kenneth H. Miller
Dan Rich
Pamela Tabin
Bob Walters
General Manager
Shauna Lorange

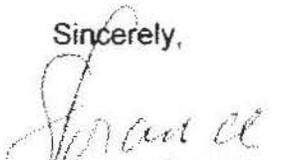
Subject: Funding Commitment for the North American Basin Contractors Drought Contingency Plan Project: Funding Opportunity Announcement No. R15AS00047

Dear Mr. Maisch:

I am writing on behalf of the San Juan Water District (SJWD) to confirm our commitment and support of the North American Basin Contractors Drought Contingency Plan Project. We understand that Placer County Water Agency (PCWA) is acting as the lead grant applicant in our collaborative effort in seeking assistance for the proposed project.

To show our commitment to the project, our agency is committing up to \$30,000 through in-kind and direct funding support to meet the non-federal cost-share requirements for the project. The cost-share will be available effective July 1, 2015, and will be in place for the duration of the project. There are no other time constraints or contingencies associated with our cost-share commitment.

Sincerely,


Shauna Lorange
General Manager

June 16, 2015

Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

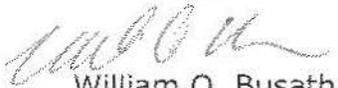
Subject: **Funding Commitment for the North American Basin Contractors
Drought Contingency Plan Project: Funding Opportunity Announcement
No. R15AS00047**

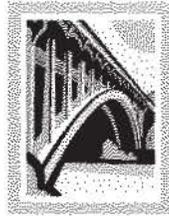
Dear Mr. Maisch:

I am writing on behalf of the [agency] to confirm our commitment and support of the North American Basin Contractors Drought Contingency Plan Project. We understand that Placer County Water Agency (PCWA) is acting as the lead grant applicant in our collaborative effort in seeking assistance for the proposed project.

To show our commitment to the project, our agency is committing up to \$30,000 through in-kind and direct funding support to meet the non-federal cost-share requirements for the project. The cost-share will be available effective July 1, 2015 and will be in place for the duration of the project. There are no other time constraints or contingencies associated with our cost-share commitment.

Sincerely,


William O. Busath
Director



CITY OF
FOLSOM
DISTINCTIVE BY NATURE

ENVIRONMENTAL & WATER
RESOURCES DEPARTMENT
50 NATOMA STREET
FOLSOM, CALIFORNIA 95630
916.355.7200 / 916.351.5603 FAX

June 12, 2015

Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

Subject: Funding Commitment for the North American Basin Contractors Drought
Contingency Plan Project: Funding Opportunity Announcement No. R15AS00047

Dear Mr. Maisch:

I am writing on behalf of the City of Folsom (City) to confirm our commitment and support of the North American Basin Contractors Drought Contingency Plan Project. We understand that Placer County Water Agency (PCWA) is acting as the lead grant applicant in our collaborative effort in seeking assistance for the proposed project.

To show our commitment to the project, our agency is committing up to \$30,000 through in-kind and direct funding support to meet the non-federal cost-share requirements for the project. The cost-share will be available effective July 1, 2015 and will be in place for the duration of the project. There are no other time constraints or contingencies associated with our cost-share commitment. When a draft Memorandum of Understanding (MOU) detailing the funding commitment and cost breakdown for participating agencies is available for review, please send this to the City for comment.

Please contact me at 916-351-3528 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Marcus Yasutake".

Marcus Yasutake
Environmental and Water Resources Director



Environmental Utilities
Administration
2005 Hilltop Circle
Roseville, California 95747

June 22, 2015

Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

Subject: Funding Commitment for the North American Basin Contractors Drought Contingency Plan Project: Funding Opportunity Announcement No. R15AS00047

Dear Mr. Maisch:

I am writing on behalf of the City of Roseville to confirm our commitment and support of the North American Basin Contractors Drought Contingency Plan Project. We understand that Placer County Water Agency (PCWA) is acting as the lead grant applicant in our collaborative effort in seeking assistance for the proposed project.

To show our commitment to the project, our agency is proposing to commit up to \$30,000 through in-kind and direct funding support to meet the non-federal cost-share requirements for the project. The cost-share will obviously be subject to Roseville City Council approval and, if approved, the City's commitment will be available effective July 1, 2015 and will be in place for the duration of the project. There are no other time constraints or contingencies associated with our cost-share commitment.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard D. Plecker".

Richard D. Plecker, P.E.
Environmental Utilities Director

Attachment 3 - Letters of Support

June 16, 2015



Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

Subject: Support for the North American Basin Contractors Drought
Contingency Plan Project

Einar
Dear Mr. Maisch:

I am writing on behalf of the Sacramento Water Forum to confirm our support of the North American Basin Contractors Drought Contingency Plan Project. We understand that Placer County Water Agency (PCWA) is acting as the lead grant applicant in a collaborative effort in seeking assistance for the proposed project.

If the project proceeds, we look forward to being an active participant. We believe that the operational and facility improvements that will be identified during development of the Drought Contingency Plan will provide broad benefit by improving the resiliency of the region during current and future drought conditions.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Gohring", is written over the word "Sincerely,".

Tom Gohring
Executive Director

June 16, 2015

Mr. Einar Maisch
Placer County Water Agency
144 Ferguson Road
Auburn, California 95604

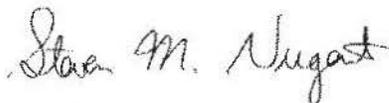
Subject: Support for the North American Basin Contractors Drought Contingency
Plan Project

Dear Mr. Maisch:

We are writing on behalf of the agencies listed below to confirm our support of the North American Basin Contractors Drought Contingency Plan Project. We understand that Placer County Water Agency (PCWA) is acting as the lead grant applicant in a collaborative effort in seeking assistance for the proposed project.

If the project proceeds, we look forward to being active participants. We believe that the operational and facility improvements that will be identified during development of the Drought Contingency Plan will provide broad benefit by improving the resiliency of the region during current and future drought conditions.

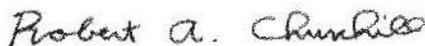
Sincerely,



Carmichael Water District
Steve Nugent, General Manager



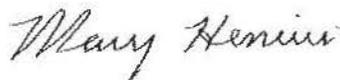
Sacramento County Water Agency
Kerry Schmitz, Principal Civil Engineer



Citrus Heights Water District
Bob Churchill, General Manager



Sacramento Suburban Water District
Rob Roscoe, General Manager



Rio Linda/Elverta Community WD
Mary Henrici, General Manager



California American Water
Stephen "Audie" Foster, General Manger

RESOLUTION NO. 15-____

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PLACER COUNTY WATER AGENCY AUTHORIZING AN APPLICATION FOR FUNDING ASSISTANCE THROUGH THE BUREAU OF RECLAMATION’S WATERSMART DROUGHT CONTINGENCY PLANNING GRANT PROGRAM

WHEREAS, the United States Bureau of Reclamation (“Reclamation”) has implemented the WaterSMART Program to provide eligible agencies and organizations with grants to encourage water conservation and water use efficiency, increase the use of renewable energy and improve energy efficiency, benefit endangered and threatened species, facilitate water markets, and carry out activities to address climate-related impacts on water or prevent any water-related crisis or conflict;

WHEREAS, Reclamation has solicited proposals from public water suppliers and other water users for a new round of grant funding under the WaterSMART Program to build resilience to drought, which proposals are due on or before June 25, 2015;

WHEREAS, the Board of Directors of the Placer County Water Agency (“PCWA”) has identified itself as an eligible applicant under Reclamation’s WaterSMART Drought Contingency Planning Grant Program; and

WHEREAS, PCWA is pursuing grant funding assistance under the WaterSMART Program in an amount of up to \$200,000 to prepare a regional Drought Contingency Plan.

NOW, THEREFORE, be it resolved by the Board of Directors as follows:

1. The Board has reviewed the scope and purpose of PCWA’s funding application, finds that the Project will serve both the needs of the Agency’s ratepayers and satisfy the goals of the WaterSMART Program, and, on that basis, supports staff’s submittal of the financial assistance application to Reclamation.
2. PCWA is capable of funding the minimum 50-percent cost share required to obtain grant funding under the WaterSMART Drought Contingency Planning Grant Program. Collaborating agencies will verify their funding capabilities through letters of commitment to be included with the application.
3. The Board hereby ratifies the action of its General Manager or his designee of PCWA in applying for financial assistance from Reclamation’s WaterSMART Program as part of a regional collaborative effort and authorizes the General Manager or his designee to execute any related documents, including a cooperative financial assistance agreement with Reclamation.

4. The General Manager and staff are directed to take all other actions necessary to secure funding for the Project under the WaterSMART Drought Contingency Planning Grant Program, including working with Reclamation to meet established deadlines for entering into a cooperative financial assistance agreement.

PASSED AND ADOPTED by the Board of Directors of the Placer County Water Agency on the 2nd day of July 2015, by the following vote:

AYES:

NOES:

ABSENT:

By: _____
Primo Santini
Chair, Board of Directors
Placer County Water Agency

ATTEST:

By: _____
Cheri Sprunck
Clerk to the Board
Placer County Water Agency