Lawn to Garden Rebate Program

WaterSMART: Water and Energy Efficiency Grants for Fiscal Year 2018
Funding Opportunity Announcement No. BOR-DO-18-F006

CONTRA COSTA WATER DISTRICT
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MAY 2018

Section 1 Mandatory Federal Forms

The follow forms were submitted via grants.gov:

- SF-424 Application for Federal Assistance
- SF-424A Budget Information
- SF-424B Assurances
- SF-LLL Disclosure of Lobbying Activities

Section 2 Title Page

2.1 Project Title

Lawn to Garden Rebate Program

2.2 Applicant Information

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2.3 Project Manager Information

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Section 4 Technical Proposal and Evaluation Criteria

4.1 Executive Summary

Project Name: Lawn to Garden Rebate Program

Proposal Date: May 10, 2018

Applicant Name: Contra Costa Water District

City, County, State: Concord, Contra Costa County, California

Project Summary

The Contra Costa Water District (District) is requesting $300,000 in grant funding to continue its successful Lawn to Garden Rebate Program (Program). The Program provides a rebate of $1.00 per square foot of lawn replaced with water-wise landscaping to customers in the District's service area. This rebate program helps participants to transform their front yards and actively to reduce water consumption. To maximize customer and water conservation benefits from the Program, the District provides information about plant selection and landscaping resources to customers selected to participate. The goal of the 2-year program is to fund replacement of 800,000 square feet of water-thirsty lawn with water-wise landscaping. The total project cost will be $802,000, of which the District will fund $502,000 (63%) and Reclamation will fund $300,000 (37%). The Program provides benefits to customers, the District, and the State as reductions in landscape water use improve supply reliability, increase drought resiliency, and lower operating costs and energy use. Additionally, due to the Program location and the District's water source, the Program will also reduce the amount of water drawn out of the Sacramento-San Joaquin Delta, which is an area of water conflict and of primary concern for sensitive and endangered species in California.

Project Length

The proposed project is designed to be completed within two years. With a start date of October 1, 2018, the program would have a completion date of September 30, 2020.

Federal Facility

The proposed project is not located on a Federal facility. The proposed project is a rebate program that will provide rebates to residential and commercial property owners to replace their water-thirsty lawns with water-wise landscaping.

4.2 Background Data

4.2.1 Source of Water Supply

The District receives the majority of its water from the United States Department of the Interior, Bureau of Reclamation (Reclamation) Central Valley Project (CVP) through the Sacramento-San

Joaquin Delta (Delta). The District's Delta intakes are located at Rock Slough, Old River, and Middle River, which are located in the Delta in eastern Contra Costa County.

The District's CVP contract (Contract No. 175r-3401a-LTR1) authorizes up to 195,000 acre-feet per year. The District's service area has grown from its original 48,000 acres to a current area of 137,127 acres in the central and eastern portions of Contra Costa County. The District includes almost 26 percent of the County's land area and 47% of its population, or approximately 500,000 County residents. The District provides both wholesale untreated and retail treated water to the regional customers.

The District also owns and maintains the Los Vaqueros Reservoir, a 160,000 acre-foot storage reservoir that is operated in conjunction with Delta diversions to maximize water quality to the District's customers. The Los Vaqueros Reservoir also provides emergency supply in the case of supply reductions during drought. Figure 1 presents the District's service area, intakes, and canal system.

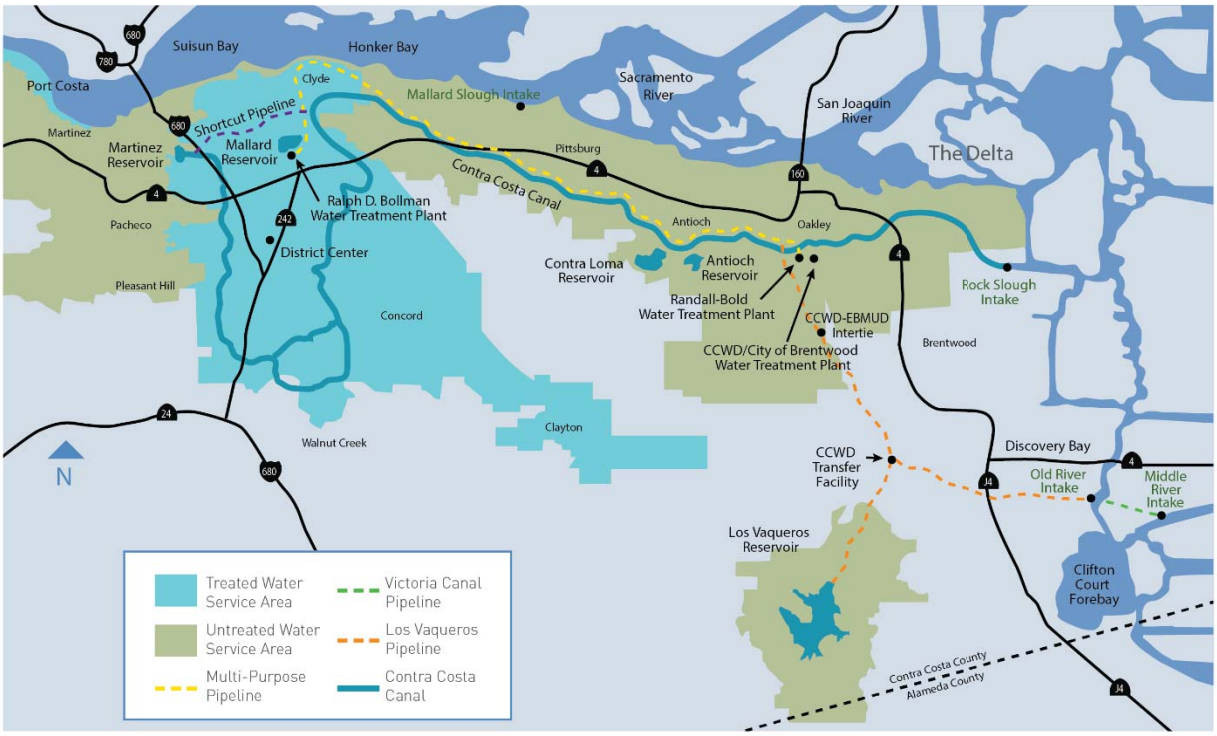

Figure 1. District service area, intakes, and canal system

4.2.2 Water Delivery System

The District is both a retail water provider and a wholesale water provider. The District provides retail treated water to approximately 62,000 customers serving approximately 250,000 people living in Concord, Clayton, Clyde, Pacheco, Port Costa and parts of Martinez, Pleasant Hill and Walnut Creek. The District provides retail untreated water to approximately 23 industrial customers. Additionally, the District provides wholesale treated and untreated water to the Cities

of Martinez, Pittsburg, Antioch, Golden State Water in Bay Point, and Diablo Water District in Oakley, to a combined population of approximately 250,000 people.

The backbone of the District's water conveyance system is the 48-mile Contra Costa Canal, a U.S. Bureau of Reclamation-owned facility operated by the District, which extends from the Rock Slough intake to the Mallard Reservoir in central Costa County. Figure 1 shows the alignment of the Contra Costa Canal.

The District's Los Vaqueros Reservoir is a 160,000 acre-foot off-stream storage reservoir located east of Contra Costa County and within 20,000 acres of protected watershed. The reservoir provides water quality improvements and emergency storage for District customers. The reservoir is filled when Delta water quality is good. When chloride levels in the Delta rise, the District uses reservoir water for blending to maintain high quality water for its customers.

4.2.3 Water Rights

The District is a CVP contractor and diverts water from the Delta. The 2005 Long-Term Renewal Contract with Reclamation specifies a maximum delivery of 195,000 acre-feet per year from the CVP; reductions in deliveries during water shortages, regulatory restrictions, and drought years; and restrictions on the operation of the Los Vaqueros Reservoir. The Long-Term Renewal Contract was executed in May 2005 and is consistent with the Central Valley Project Improvement Act of 1992.

Other District supplies include water rights at Mallard Slough (License No. 10514 and Permit No. 19856) for a maximum diversion of Delta water of up to 26,700 acre-feet per year. This water is subject to quality degradation and can only be used intermittently.

On June 2, 1994, the State Water Resources Control Board (State Board) issued Water Right Decision 1629 that gives the District additional rights to divert and store water for beneficial uses. Construction of the Los Vaquero Reservoir (originally 100,000 acre-feet) began in September 1994 and was completed in January 1998. Diversion from the Old River intake for delivery to the District's service area began in the summer of 1997. The State Board subsequently issued Water Rights Permits No. 20749 and 20750 for filling Los Vaqueros Reservoir from the new intake at Old River near Highway 4 and diversion and storage of the water of Kellogg Creek. These rights are in addition to the contractual rights to divert and store water furnished through the CVP. Up to 95,850 acre-feet annually may be diverted for storage between November 1 of each year and June 30 of the succeeding year, under Water Right Permit No. 20749.

Releases from the Los Vaqueros Reservoir are scheduled in compliance with the project's Biological Opinion to allow the District to manage diversions from the Delta and provide benefits to Delta fisheries. Additionally, releases of high-quality reservoir water have been used to blend with Delta water to improve delivered water quality as needed. In spring of 2012, the District completed an expansion of the capacity of the Los Vaqueros Reservoir from 100,000 acre-feet to

160,000 acre-feet. The Los Vaqueros Reservoir has benefitted the District's customers both in water quality and supply, particularly during drought conditions.

4.2.4 Current Water Uses and Number of Water Users

The following tables summarize the District's primary customers and current water use. The District provides similar volumes of water annually to its retail treated, industrial untreated, and municipal wholesale customer groups annually (shown in Table 1). Within the District's retail treated water service area, single family residences make up the majority of the District's customers, followed by multi-family residential, commercial, and irrigation accounts (shown in Table 2). This composition of the District's customers have helped to make the Lawn to Garden Rebate Program successful – there is a significant applicant pool for rebates and substantial numbers of customers wanting to participate in water conserving activities and practices.

Table 1. Major Customer Groups

Major Customer Groups	# of Accounts	FY17 Water Use (Acre-Feet)
Retail Treated Water Account	61,578	25,144
Untreated Industrial Accounts	23	27,261
Municipal Wholesale Accounts	13	26,828
Total		**79,233**

Table 2. Retail Treated Water Accounts

Customer Class	# of Accounts	FY 17 Water Use (Acre-Feet)
Single Family Residential	53,519	13,856
Multi-Family Residential	2,512	4,721
Commercial	2,776	3,251
Industrial	4	71
Public Authority	232	732
Dedicated Irrigation	1,317	2,442
Fire	1126	0
Temporary Service	92	70
Total	**61,578**	**25,143**

The District's municipal wholesale accounts are spread across the central and eastern Contra Costa County. Lawn to Garden rebates are available for use by all of the District's customers, providing a geographically, economically, and socially diverse customer base that will have access to the rebate program.

Table 3. Municipal Wholesale Accounts

Customer Class	# of Accounts	FY 17 Water Use (Acre-Feet)
City of Antioch	4	8,685
City of Martinez	2	3,843
City of Pittsburg	2	6,588
Diablo Water District (Oakley)	1	4,178
Golden State Water District (Bay Point)	3	1,533
City of Brentwood	1	2,000
Total	**13**	**26,827**

4.2.5 Projected Water Demand

The District's total water deliveries in FY13 were approximately 95,000 acre-feet. In 2015/2016 California experienced a severe drought, resulting in significant water use reductions. The District total water deliveries in FY16 were only 77,000 acre-feet. Since drought conditions have ceased, water use has rebounded to 79,000 acre-feet in FY17, and is projected to be 84,000 acre-feet in FY18 and 86,000 acre-feet in FY19.

4.2.6 Potential Water Supply Shortfalls

Because the District is a CVP contractor and receives the majority of its water supply from Reclamation, the District can be subject to supply shortfalls when Reclamation reduces the District's annual allocation of CVP water. Additionally, the State of California can impose mandatory reductions in water use and has done so as recently as 2015/2016 as a result of a statewide drought emergency.

To counteract supply shortfalls, the District's June 2016 Water Shortage Contingency Plan addresses the short-term or emergency management issues that occur during a drought or other water shortage conditions. The plan includes four demand reduction stages, and helps the District anticipate drought conditions and to mitigate impacts. The Plan works in conjunction with the Lawn to Garden Rebate Program by providing the tools for the District to respond in a water supply shortage. However, the rebate program assists the District in *permanently* reducing the landscape irrigation demands in its service area. The rebate program directly supports the District's plan and goal to avoid water supply shortfalls when possible.

4.2.7 Past Working Relationship with Reclamation

The District has had several successful water conservation and efficiency projects funded by Reclamation, including:

- USBR Grant (#R10AP20075) to implement a High Efficiency Toilet Voucher Program, 2011/2012
- USBR Grant (#R09AP20055) to implement a High Efficiency Toilet Rebate and Voucher Program, 2010/2011.

- USBR Grant (#06FG204150) to implement a Residential Landscape Survey Program, 2006/2007.
- USBR Grant (#04FG210010) to support the development of the Contra Costa County Water-Wise Gardening Compact Disk, 2004/2005.
- USBR Grant (#00FG200193) to develop a Water Budget Notification Project for commercial landscape customers, 2003.
- USBR Grant (#00FG210012) to purchase and install CIMIS station #170 in Concord, CA., 2001
- USBR Grant (#00FG2100009) to develop a water management and marketing program for residential water conservation programs, 1998.

4.3 Project Location

The Lawn to Garden Rebate Program will be managed from the Contra Costa Water District's main office in Concord, California. Participating customers can be anywhere in the District's service area, including central and eastern Contra Costa County, California. This includes the cities of Concord, Clayton, Clyde, Pacheco, Port Costa, Martinez, Pleasant Hill, Walnut Creek, Antioch, Pittsburg, Bay Point, and Oakley. The approximate GIS location of the area is N 37 degrees 58.808', W 122 degrees 2.891'. Figure 2 below shows the District's location within the state of California.

Figure 2. Contra Costa Water District Location (Statewide)

4.4 Technical Project Description

The District has been a leader in water conservation in the State of California since the early 1990s. Since that time, the District has implemented many conservation programs that have been adjusted over time to improve program efficiency and to maximize water savings. As an inland, suburban water agency, more than 50 percent of District deliveries go to supplying landscape irrigation. And as is typical in many parts of the state, lawn is one of the predominant plants used in residential and commercial landscaping. Over the past five years, the District has redirected the focus of its Water Efficiency Program from interior water use to landscape water use. The District now has many programs and services aimed at helping customers reduce landscape water use. The Lawn to Garden Rebate is the one of these programs.

The purpose of this Project is to continue the District's successful Lawn to Garden Rebate Program. In recent years, the District has utilized California Department of Water Resources

(DWR) grant funding to support this program, however, this DWR grant funding has recently been exhausted. New funding from the WaterSMART grant will allow the District to continue to implement this successful and impactful program.

4.4.1 Project Goal

This Project aims to replace more than 800,000 square feet of water-thirsty lawn with water-wise landscaping through the Lawn to Garden Rebate Program (Program). The Program provides a rebate incentive for customers to replace their existing front lawns with water-wise landscaping. The following sections describe how the rebate program is designed and how it operates.

4.4.2 Rebate Amount

The rebate is $1.00 per square foot of lawn, with a maximum rebate of $1,000 for residential and $20,000 for commercial properties. Historically, most of the lawn conversions have occurred at residential properties. The rebate levels were set to maximize the cost effectiveness of the program and ensure that participants maintain a financial stake in their project. Most turf replacement projects cost homeowners between $3.00 and $6.00 per square foot. By setting a maximum rebate amount, the program provides substantial benefit to recipients by offsetting part of their project costs, and the rebate program can be dispensed to more customers. In 2017, many rebate program customers replaced more than the maximum 1,000 square feet, resulting in an overall average cost of the program of approximately $0.90 per square foot converted. Customers were driven to replace greater amounts of turf than the program supports, resulting in additional square footage of lawn replaced and greater water savings than anticipated by the program.

Every applicant to the program will be evaluated to ensure they meet the eligibility criteria of the Program terms and conditions. Prior to rebate dispersal, sites will be inspected to ensure they have existing lawn, existing sprinklers, and have not yet started their project. The square footage of sites are then accurately measured using a combination of Arc View GIS and site visits.

4.4.3 Eligibility

To be eligible, customers must have an existing front lawn that is irrigated by sprinklers. The program is open to both single family customers and commercial/municipal customers. The program is open to all customers in the District retail and wholesale service areas.

4.4.4 Rebate Process

The following describes the process for dispersal of rebates through the Program.

1. Participants apply online through the District's website.
2. Participants submit photos of the lawn and sprinklers and confirm they have read and understand the Program terms and conditions.
3. The District reviews submittals, aerial photos, and Google Street View to ensure eligibility.

4. The District measures the lawn using a combination of ArcView GIS and site visits. This ensures maximum accuracy.
5. When completed, participants submit an online completed project submittal, which includes photos of their project.
6. The District conducts post-installation inspections and processes rebate checks.

4.4.5 Participant Assistance

To assist participants in having the most successful projects possible, the District provides a broad range of education and information. On its website, the District has information on landscape design, drip irrigation design and installation, selection of plants and mulch, and much more. One of the most utilized services that the District offers is the Landscape Design Assistance Program, through which participants can receive two hours of free professional landscape design help.

4.4.6 Program Marketing

The District markets the program using a variety of methods, including:

- Banners on District fences throughout the service area.
- Yard signs installed for a month after projects are completed.
- Promoting the program on our website.
- Bill inserts.
- Promoting the program through the District's Conservation E-Newsletter, Nextdoor.com, and other social media.

4.5 Evaluation Criteria

4.5.1 Evaluation Criterion A – Quantifiable Water Savings

Describe the amount of estimated water savings. For projects that conserve water, please state the estimated amount of water expected to be conserved (in acre-feet per year) as a direct result of this project.

Projected water savings resulting from the Project are estimated to be **81 acre-feet per year**. The savings are based on an evaluation and calculations on previous success of the Lawn to Garden Rebate Program. See Documentation of Estimated Water Savings below.

Describe current losses: Where is the water currently going?

The water to be conserved through this program is currently being used to water lawn space in the front yards and areas of residential and commercial/municipal properties. This program will conserve drinking water that is currently used for irrigation, resulting in less drinking water wasted on watering outdoor spaces. This and other of the District's water conserving practices directly benefit the District's water supply: the Delta. As an in-delta Reclamation CVP contractor (see

Section 3.2 Background Data for additional description), water conserved as a result of this program can remain in the Delta to support ecosystem, economic, and supply benefits.

Documentation of Estimated Water Savings

The estimated water savings is based on a historical analysis that was performed on the District's Lawn to Garden Rebate Program customers. On the 2010 pilot rebate program participants, the District conducted an evaluation of the before-project and after-project water use of 47 single-family-residences. The evaluation used a control group to normalize for weather and other outside impacts. The method of using actual water use data and program participants within the same service area and micro-climate as the proposed Program is a reasonable method to determine water savings.

To determine water savings, water billing data was extracted for each participant. The billing data included water use in gallons per day (GPD) for each of the participants for the three years prior (***Before***) and two years after (***After***) the lawn conversions. The ***Before*** water use was determined by averaging the annual water use of the participants for the three years before the lawn conversion occurred. The ***After*** water use was determined by averaging the water use of the participants for the two years after the lawn conversion occurred.

The control group consisted of all single family residential customers in the District's treated water service area and were representative accounts in the same geographic location. This control group was used to normalize for weather and other impacts. The control group water billing data was extracted in a similar way to determine the average annual ***Before*** and ***After*** water use.

Gross water savings for the participant group and control group were determined by subtracting the ***After*** water use from the ***Before*** water use for each group, respectively. Then, the net water savings was determined by subtracting the Control Group savings from the Study Group savings. The results showed a net savings of 64 GPD per participant. The study and control group values are shown in Table 4.

Table 4. Calculation of Net Water Savings

	Study Group (GPD)	Control Group (GPD)	Net Water Savings (GPD)
Before Water use	453	366	--
After Water Use	320	297	--
Savings	***133***	***69***	***64***

To determine annual water savings, it was assumed that the net water savings achieved by the participant group was attributable to the turf replacement project. Other factors – such as climate conditions, weather, and local impacts – were incorporated into this estimate through use of the control group. As shown in Table 5, the net annual water savings per square foot was calculated using the average lawn area in the study group, which was 783 square feet. This results in a net savings of 30 gallons per square foot per year.

Table 5. Summary of Net Water Savings

Net Water Savings		Average Area Replaced (sq ft)	Net Water Savings (gal/sq ft*year)
(gal/day)	(gal/year)		
64	23,400	783	**30**

These estimated savings are conservative based on other known water savings from turf replacement programs. Other studies have shown similar or greater benefits from Lawn to Garden conversions, such as studies from the Mojave Water Agency, Metropolitan Water District of Southern California, Southern Nevada Water Authority, and the City of Long Beach. Therefore, the District's estimate is a reasonable and conservative assumption for projected water savings from this Program.

Questions Based on Type of Infrastructure Improvement: Turf Removal

a. How have average annual water savings estimates been determined? Please provide all relevant calculations, assumptions, and supporting data.

Projected water savings for the Lawn to Garden Rebate Program are based on an evaluation completed by the District for 47 participants in the 2010 pilot rebate program. To conduct the evaluation, the District used water billing data for three years before (***Before***) and two years after (***After***) participants converted their lawns. The evaluation used a control group to normalize for weather and other outside impacts. Please see the previous section *Documentation of Estimated Water Savings* for relevant calculations, assumptions, and supporting data.

Projected water savings resulting from this Program are estimated to be **81 acre-feet per year**. The savings are based the following:

Assumed Unit Savings = ***30 gallons per year per square foot of lawn converted*** *(see above)*

Estimated Lawn Area to be Converted = ***880,000 square feet****

*Annual Project Savings = 880,000 sq ft x 30 gal/yr*sq ft = 26,400,000 gal/yr =* ***81 acre-feet/year***

Assumed Project Savings Life = ***15 years*****

Total Project Savings = ***1,215 acre-feet***

** Based on the District's 2017 Program, assumes 10% more lawn will be replaced than the rebates pay for as a result of the maximum rebate.*

***The District has inspected past Lawn to Garden participants and 99% of the lawn conversions have remained after 6 years.*

b. What is the total surface area of turf to be removed and what is the estimated average annual turf consumptive use rate per unit area?

The program is expected to result in replacement of 880,000 square feet of turf (20.2 acres). The rebate itself will fund replacement of 800,000 square feet of turf with water-wise landscaping.

However, customers often replace greater square footage than the rebate limit. District records of customer projects show that generally, 10 percent more lawn will be replaced than the rebate pays for. Therefore, the District estimates that 880,000 square feet of turf will be replaced as a result of this program.

Lawns demand more than twice the water that water-wise landscapes demand. Moreover, customers very often irrigate lawns much more than required. With a local annual evapotranspiration rate (ETo) of 51 inches, lawns require approximately 32 inches of water per year to thrive in the District service area. However, actual applied water is generally much more. A District study conducted on its Landscape Water Audit program found that commercial customers applied nearly 9 feet of water per year (108 inches). This is due mechanical inefficiencies related to sprinkler distribution uniformity and poor scheduling.

The Lawn to Garden Rebate program permanently reduces the water demand by replacing lawn with water-wise plants and replacing inefficient sprinklers with efficient drip irrigation. The Lawn to Garden Rebate Program also provides education to our customers so that they can develop good irrigation habits and practices.

c. Was historical water consumption data evaluated to estimate average annual turf consumptive use per unit area? If so, did the evaluation include a weather adjustment component?

Yes. The water savings evaluation conducted by the District includes historically measured and site-specific water consumption for each of the participants. To conduct the evaluation, the District used water billing data for three years prior and two years after participants converted their lawns. The study group was then compared to a control group, using the same period to adjust for weather as well as other outside impacts. See *Documentation of Water Savings* section above.

d. Will site audits be performed before applicants are accepted into the program?

Yes. Every applicant to the program will be evaluated to ensure they meet the eligibility criteria in the program terms and conditions. Sites will be inspected to ensure they have existing lawn, existing sprinklers, and have not started their project. Sites are then accurately measured using a combination of Arc View GIS and site visits.

e. How will actual water savings be verified upon completion of the project?

The District will conduct the same type of savings evaluation it did in its 2010 program. The District will evaluate ***Before*** and ***After*** water use by participants and utilize a control group to normalize for weather and other impacts. This savings evaluation will be completed within three years after the project is completed.

The District understands the need for verification of success after completion of the project. By doing a thorough post-performance review of this and our other water efficiency projects, we can develop even more efficient and permanently effective water savings strategies in our region. To support this goal, the District is proposing to the California Water Efficiency Partnership (Cal WEP) to be part of a multi-agency savings study. The results of this Program will help inform water efficiency and savings efforts regionally and state-wide.

4.5.2 Evaluation Criterion B – Water Supply Reliability

One of the primary ways the District improves water supply reliability is to implement water efficiency programs, like the Lawn to Garden Rebate Program. In fact, water use efficiency is considered a future water supply in the District's Urban Water Management Plan. Through a combination of recycled water and water use efficiency projects, the District will meet the increased demands from future growth and will improve its drought resiliency.

Also benefitting water supply reliability, water saved through water use efficiency programs such as the Lawn to Garden Rebate Program can be stored in the District's Los Vaqueros Reservoir to serve as supply for future use. The District's combination of water conservation, water efficiency, and storage projects significantly improves the District's drought resiliency.

Does the project promote and encourage collaboration among parties in a way that helps increase the reliability of water supply?

The District is both a retail water supplier and a wholesale water provider. In addition to its 62,000 retail customers, the District provides wholesale water supply to the cities of Martinez, Pittsburg, Antioch, Golden State Water in Bay Point, and Diablo Water District in Oakley. These agencies in turn provide water service directly to their customers.

The District provides water use efficiency programs in these areas at no charge to the local municipalities. This collaboration eliminates program redundancy and bureaucracy, making the programs more cost efficient. By improving water use efficiency in both its retail and wholesale service areas, the District improves water supply reliability for the entire region.

Is there widespread support for the project?

Yes, there is widespread support for the project. Each of the District's retail water suppliers actively support and market the Lawn to Garden Rebate Program. In addition, the Program is actively supported by many of the local organizations such as: Sustainable Contra Costa, Ruth Bancroft Garden, Association of Professional Landscape Designers, Markham Arboretum, Bay Friendly Gardening Coalition, and most importantly by the District's customers.

What is the significance of the support?

The support for the Lawn to Garden Rebate Program is widespread and strong, resulting in significant interest by homeowners and businesses in the Program. The Program has grown significantly since 2010.

Is the possibility of future water conservation improvements by other water users enhanced by completion of this project?

Yes, this project will result in additional customers converting their lawns to water-wise landscaping outside of the rebate Program. A recent study by Inland Empire Utilities Agency found that for every participant in a rebate program, there was one or more additional homeowners who converted their lawns without the rebate. There is a current movement in California toward sustainable water-wise landscaping. Rebate programs, such as the District's Lawn to Garden Rebate Program, are essential in "transforming the market" away from water thirsty lawns to sustainable, water-wise landscapes.

Will the project make water available to address a specific water reliability concern?

Yes, this project, as part of the District's overall Water Use Efficiency Program, will make water available to improve the District's water supply reliability and drought resiliency. In 2015, the State of California imposed mandatory reductions for all water utilities in the State. This was the first time in history that a state-wide mandate was imposed. By implementing this project, less water will be used by customers for landscaping and instead can be conserved for future water shortages and as critical supply in the event of another state-wide reduction mandate. Additionally, the state mandate directed the legislature to develop long-term water reduction targets for all water suppliers. This project will assist the District in meeting its conservation targets.

Explain and provide detail of the specific issue(s) in the area that is impacting water reliability.

Between 2011 and 2017, the state of California experienced one of the worst drought periods in recorded history. To protect health, safety, and the economy, in 2015 the Governor declared a drought emergency and directed the legislature to develop long-term water reduction targets. As a water supplier in California, the District is tasked with helping the State achieve its conservation goals and subsequently requiring our customers to reduce their water consumption. The Lawn to Garden Rebate Program assists the District, our customers, and the State to meet short- and long-term water reduction goals.

During times of drought or in dry water years, the District is additionally impacted by reductions in available water supply from Reclamation through the CVP. The Lawn to Garden Rebate Program helps to optimize the District's use of available water for critical needs and implements permanent water conserving measures throughout the District's service area.

Describe where the conserved water will go/ how it will be used. Will the project directly address a heightened competition for finite water supplies and over-allocation? Will it be left in the river system?

Water saved through the Lawn to Garden Rebate Program will either be left in the San Joaquin River to flow to the Delta or will be stored in the District's Los Vaqueros Reservoir. Water left in the San Joaquin River will be available to continue to flow through the Delta to provide ecosystem benefits or be available for other users. Water stored in the Los Vaqueros Reservoir is available for drought reliability and for water quality/blending purposes.

Describe how the project will address the water reliability concern.

This project will directly address the District's water supply reliability and drought resiliency. As a Reclamation contractor through the CVP, the District's water source is the Sacramento-San Joaquin Delta, which is subject to water quality issues, supply and quantity limitations, environmental regulations, seasonal diversion limitations, and demand allocations. The Lawn to Garden Rebate Program and other water efficiency programs are a primary method that the District uses to improve water supply reliability. In fact, because the District's water use efficiency programs reserve supply for alternative needs, such as drought resiliency and water quality issues, programs like the Lawn to Garden Rebate program are considered to provide a future water supply in the District's Urban Water Management Plan. Through a combination of recycled water and water use efficiency, the District will meet the increased demands from future growth and will improve its drought resiliency.

Will the project help to prevent a water-related crisis or conflict?

Yes, this project, as part of the District's overall water use efficiency program, will improve the District's drought resiliency. In 2015, the State of California imposed mandatory reductions for all water utilities in the State. This was the first time in history that a state-wide mandate was imposed. Drought-related supply and use reductions directly impacted the District and its retail and wholesale customers. Additionally, as a Reclamation CVP contractor, the District is regularly impacted by supply reductions and diversion limitations from the Sacramento-San Joaquin Delta. The Lawn to Garden Rebate Program will help the District will improve its drought resiliency and potentially prevent or reduce the impact to the District from another state-wide mandate.

Provide a description of the mechanism that will be used, if necessary, to put the conserved water to the intended use.

Water saved through the Lawn to Garden Rebate Program is essentially not delivered to the end user, so will be either left in the Delta or stored in the District's Los Vaqueros Reservoir. Water left in the Delta has a multitude of benefits, including ecosystem support and supply availability for other users. Water stored in the Los Vaqueros Reservoir is available for drought reliability and water quality/blending uses.

Describe the roles of partners in the process.

The District manages and implements the Lawn to Garden Rebate Program. The primary partners in the Lawn to Garden Rebate Program are the customers that take advantage of the rebates. We interface with program applicants to support their projects and provide them with useful information and services to help them complete their work. The relationship between the District and program applicants extends between when the customer applies for the rebate, through to when they have completed their landscaping project and the District does a post-performance inspection. The District also works directly with its retail water suppliers to obtain water account information for customers in their service areas. With this information, the District can perform analyses to determine the water savings achieved by customers after they install their water-wise gardens.

Indicate the quantity of conserved water that will be used for the intended purpose.

Projected water savings resulting from this Program are estimated to be 81 acre-feet per year. The estimate of conserved water was developed above in Section 3.5.1 Evaluation Criterion A – Quantifiable Water Savings. This water will remain in the Delta for other beneficial uses or stored in the District's Los Vaqueros Reservoir for drought reliability or water quality/blending.

Will the project benefit Indian tribes?

The project does not directly target Indian tribes, however, the Lawn to Garden Rebate Program is open to all customers in the District retail and wholesale service area.

Will the project benefit rural or economically disadvantaged communities?

This project can benefit economically disadvantaged communities (DACs) if customers in DAC areas apply for the Law to Garden Rebate Program. Figures 3 and 4 indicate DACs in the District's service area, including the service areas of the District's wholesale and retail customers. These maps were generated using the Department of Water Resources (DWR) Water Management Planning Tool. The colored layers shown represent either DAC block groups, tracts, or places, based on the data set used to determine income and geographic group. In general, these areas show DACs or severely DACs with median household incomes less than 80 and 60 percent of the statewide median household income, respectively. The project does not benefit rural communities.

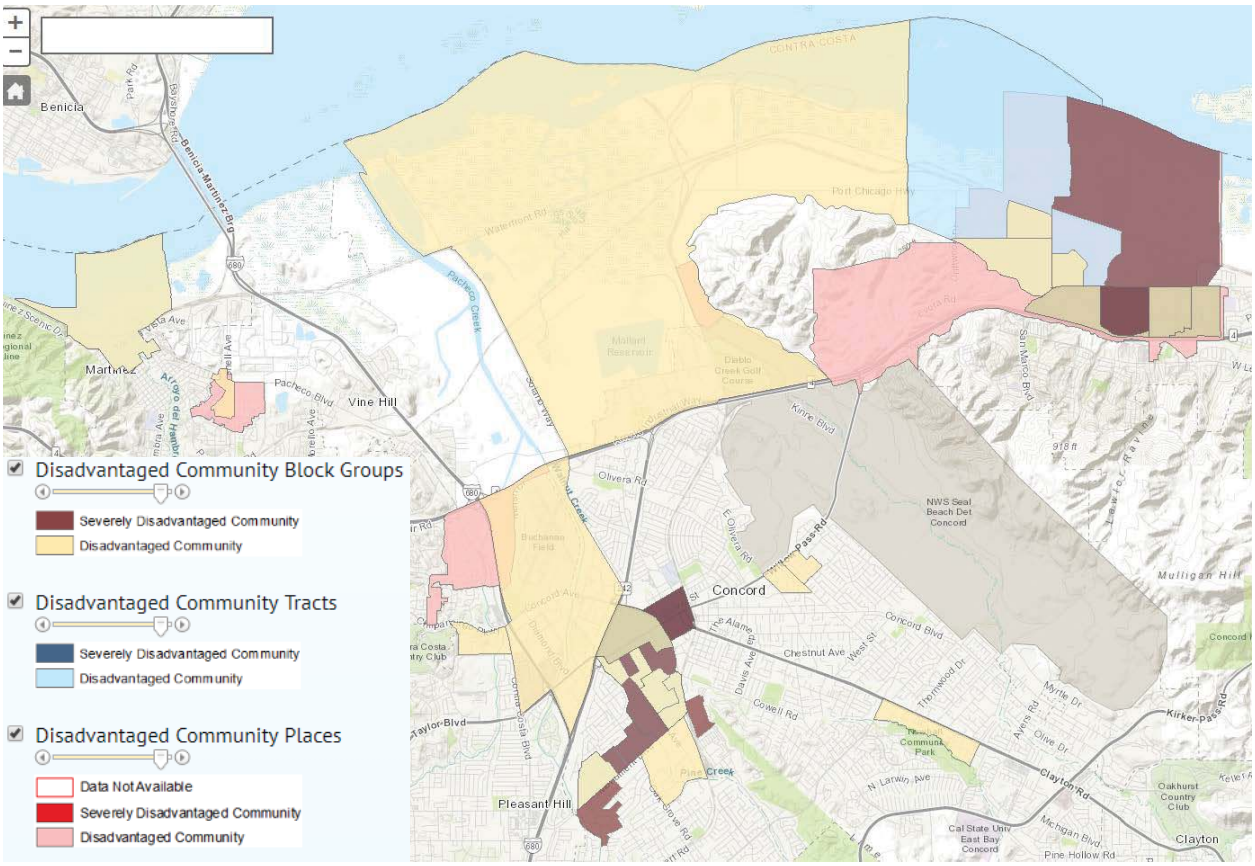

Figure 3. Disadvantaged Communities in central Contra Costa County.

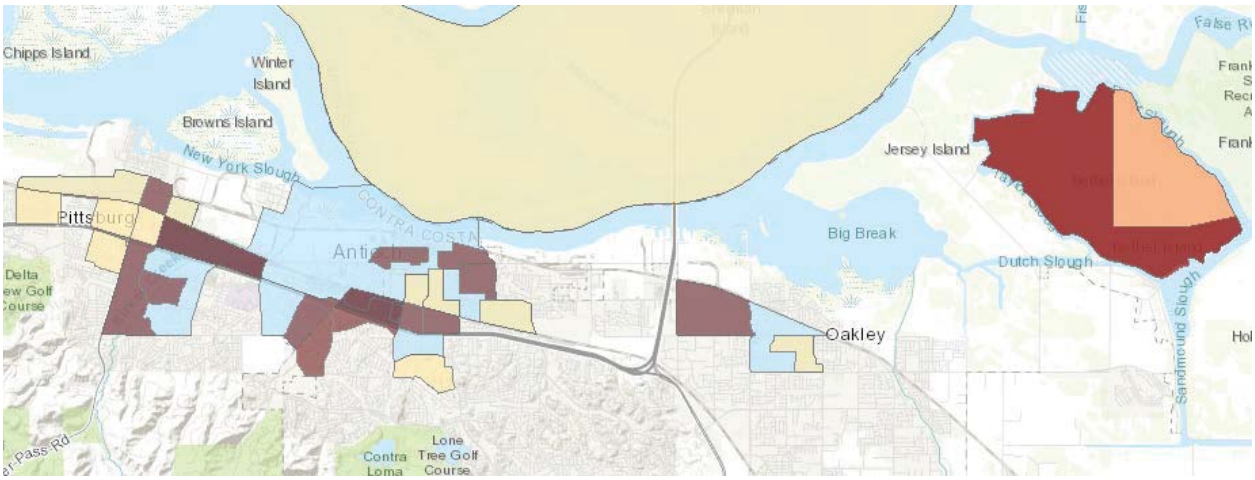

Figure 4. Disadvantaged Communities in eastern Contra Costa County.[1]

[1] Figure 4 has the same legend as Figure 3.

Will the project benefit species (e.g., federally threatened or endangered, a federally recognized candidate species, a state listed species, or a species of particular recreational, or economic importance)? Please describe the relationship of the species to the water supply, and whether the species is adversely affected by a Reclamation project.

Due to its water conservation consequences, the Lawn to Garden Rebate Program may benefit the Delta Smelt, which is a federally threatened species and a California endangered species. The Delta Smelt preside in the Sacramento-San Joaquin Delta, which is the District's main source of water supply. The Lawn to Garden Rebate Program will reduce the amount of water the District diverts from the Delta, thereby reducing impacts to this important species.

4.5.3 Evaluation Criterion E – Department of Interior Priorities

Creating a Conservation Stewardship Legacy Second Only to Teddy Roosevelt

More than 50% of urban water use in California is used for landscape irrigation, and half of that is used to irrigation lawns. While lawns can provide excellent recreational benefits, most lawns in commercial and residential neighborhoods are simply aesthetic. In addition to using vast quantities of water, lawns adversely impact the environment in several ways. Because of overspray or runoff, lawn irrigation water ends up in local storm drains and then into local streams. This water is often laden with fertilizer, pesticides and herbicides adversely affecting the local waterways. Secondly, lawn maintenance often requires gas powered mowers, edgers, and blowers. These tools negatively affect air quality and produce carbon emissions.

There is a movement in California to replace water-guzzling lawns with sustainable landscapes. There are many interested parties including the water community, including the California Water Efficiency Partnership (CalWEP), which has made it a priority to create a "new normal" for California landscaping. Sustainable landscapes save water, improve local stream quality, improve air quality, reduce carbon emissions, increase the use of native plants, improve habitat for local birds and insects, and improve and conserve soil.

This sustainable landscaping movement will be history making. It will result in billions of gallons of water savings, improved stream quality, improved air quality, improved habitat for California native plants and improves urban soil. It would make Theodore Roosevelt proud.

Utilize our Natural Resources

The primary purpose of this Program is to conserve water, one of California's most valued natural resources. The Program also supports utilization of native plants to the area, thereby restoring appropriate ecological diversity to the District's service area. Additionally, because the District is a Reclamation CVP contractor, water saved by the District is water saved by Reclamation. This project would ultimately assist Reclamation in meeting its obligations to its water supply contractors and conserve natural resources.

Restoring Trust with Local Communities

Implementing the Lawn to Garden Rebate Program would not be successful without the thoughtful and active involvement from individuals, businesses, and municipalities that are our stakeholders for this Program. In doing so, we develop strong ties to the community and add to the collective knowledge of the community with regards to water conserving practices and activities. Additionally, this Lawn to Garden Rebate Program would continue to support the District and Reclamation's joint objectives of natural resource conservation and Delta protection, strengthening the efforts of these two agencies by supporting the local community.

Striking a Regulatory Balance

This project utilizes the involvement and support of community members, multiple local agencies and water districts, and federal agencies, all while support the state of California's water conservation targets. The Lawn to Garden Rebate Program is consistent with the goals and efforts of a variety of regulatory agencies, and so supports Reclamation's goal of striking a regulatory balance between regulatory requirements and providing on-the-ground assistance to solve real problems.

Modernizing our infrastructure

At its core, the Lawn to Garden Rebate Program is about replacing antiquated, water-thirsty local, residential, and commercial infrastructure with modem, water-saving irrigation methods. The District is on a continual path forward to modernize other of its infrastructure, including the Los Vaqueros Reservoir. The reservoir is a modern, off-stream reservoir that allows the District to store water to improve water supply reliability and drought resiliency. The rebate Program supports the District and Reclamation's goal of promoting modern and water-efficient infrastructure.

4.5.4 Evaluation Criterion F – Implementation and Results

Project Planning: Does the applicant have a Water Conservation Plan and or System Optimization Review (SOR) in place?

Yes, the District has the Water Management Plan, dated June 2017 which is required by the USBR. In addition, the District has an Urban Water Management Plant, dated June 2016, which is required by the California Department of Water Resources.

Performance Measures: Provide a brief summary describing the performance measures that will be used to quantify actual benefits.

The primary performance measure to be used to evaluate the success of this project will be measured, long-term water reductions at the individual residences and businesses where the rebates are applied. The District intends to conduct the same savings evaluation it did for its 2010 program. The District will evaluate ***Before*** and ***After*** water use by participants and utilize a control group to normalize for weather and other impacts. This savings evaluation will be completed within three years after the project is completed. In addition, the District is submitting a proposal to the

California Water Efficiency Partnership (Cal WEP) to be part of their multi-agency savings study. The results from this program may be included in that savings study to provide additional inputs for that evaluation.

4.5.5 Evaluation Criterion G – Nexus to Reclamation Project Activities

Is the proposed project connected to Reclamation project activities? If so how?

Yes, the project is connected a Reclamation activities because the District is a Reclamation CVP contractor. Therefore, any water saved as a result of this rebate program is less water that Reclamation needs to provide to the District, or that may be used for other beneficial uses in the Delta or as emergency supply.

Does the applicant receive Reclamation project water?

Yes, Contra Costa Water District receives the majority of its water from Reclamation's Central Valley Project.

Is the project on Reclamation project lands or involving Reclamation facilities?

The project does not occur on Reclamation project lands. Individual participants in the Lawn to Garden Rebate Program will replace lawns with water-wise landscaping on their own properties. The main conveyance structure for the District's water supply from the Delta is Reclamation's Contra Costa Canal.

Is the project in the same basin as a Reclamation project or activity?

Yes, the project will occur in the District's service area, which shares a watershed basin with Reclamation's Contra Costa Canal, part of the Central Valley Project.

Will the proposed work contribute water to a basin where a Reclamation project is located?

Yes, water savings from the project can remain in the Sacramento-San Joaquin Delta.

4.5.6 Evaluation Criterion H – Additional Non-Federal Funding

The total cost for rebates for the two-year Lawn to Garden Rebate Program is estimated to be $802,000. The District will provide $502,000 (63%) for its portion of the project. Additionally, the District will cover all other costs such as labor, benefits, equipment, and materials, outside of the grant. These will not be used as a cost share.

Section 5 Project Budget

5.1 Funding Plan and Letters of Commitment

Describe how the non-Federal share of project costs will be obtained. Reclamation will use this information in making a determination of financial capability.

The District will fund 100% of the non-Federal share of the project costs. The total cost for the two-year Lawn to Garden Rebate Program is estimated to be $800,000 for rebates and $2,000 for environmental and regulatory compliance costs. The District will provide $502,000 (63%) for its cost share of the project. Additionally, the District will cover all other costs such as labor, benefits, equipment, and materials, outside of the grant. These will not be used as a cost share.

The District's cost share ($502,000) is funded out of the District Finance Department budget for Water Conservation Programs. The funding is included in the budget approved by the Board of Directors.

There is no other current or pending non-federal funding for the project. There are no in-kind costs before the anticipated Project start date.

Table 6. Summary of Non-Federal and Federal Funding Sources

FUNDING SOURCES	AMOUNT
Non Federal Entities	
1. Contra Costa Water District	$ 502,000
Non-Federal Subtotal	***$ 502,000***
Other Federal Entities	
1. None.	n/a
Other Federal Subtotal	**n/a**
Requested Reclamation Funding	***$ 300,000***
Total Project Funding	***$ 802,000***

5.2 Budget Proposal

Table 7 provides a budget proposal for this project.

Table 7. Budget Proposal

BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type	Total Cost	District Share	USBR Share
	$/Unit	Quantity				
Salaries and Wages						
n/a				n/a	n/a	n/a
Fringe Benefits						
n/a				n/a	n/a	n/a
Travel						
n/a				n/a	n/a	n/a
Equipment						
n/a				n/a	n/a	n/a
Supplies and Materials						
n/a				n/a	n/a	n/a
Contractual/Construction						
n/a				n/a	n/a	n/a
Environmental/Regulatory Compliance						
Cost for USBR to review CEC prepared by the District				$2,000	$2,000	$0
Other						
Rebate Program	$1.00	800,000	square feet	$ 800,000	$ 500,000	$300,000
TOTAL DIRECT COSTS				**$ 802,000**	**$ 502,000**	**$300,000**
Indirect Costs						
n/a				**n/a**	**n/a**	**n/a**
TOTAL ESTIMATED PROJECT COSTS				**$ 802,000**	**$ 502,000**	**$300,000**

Notes: Salaries and Wages, Fringe Benefits, Travel, Equipment, Supplies and Materials, Contract, and Environmental costs under this Program will not be included in the cost share commitment for this program.

5.3 Budget Narrative

5.3.1 Cost Share

The total rebate cost for the two-year Lawn to Garden Rebate Program is estimated to be $802,000. The District requests $300,000 (37%) in Reclamation funding and the District will provide $502,000 (63%) of the remaining costs. In addition, the District will cover all other costs such as labor, benefits, equipment, materials, outside of this grant and will not apply these costs as a cost share.

5.3.2 Salaries and Wages

Expenses under Salaries and Wages have not been included in the budget. The District runs the Lawn to Garden Rebate program in-house without the use of outside contractors. The following the District positions work on the program:

- Water Conservation Specialist manages the program including designing, developing materials, supervising staff and authorizes rebate check.
- Senior Clerk receives applications, enters them into a database, schedules inspections and assembles the check warrant.
- Water Conservation Technician(s) measures the lawn areas using ArcView GIS and on site, preforms inspections.
- Water Conservation Supervisor reviews rebate check request to authorize payments.

The District does not track salary and wages separately from daily operations. Accordingly, no expenses under "Salaries and Wages" have been included in this budget proposal or as cost share.

5.3.3 Fringe Benefits

No salaries or wages are included for this project, so there are no fringe benefit costs included in this budget proposal.

5.3.4 Travel

There are no travel expenses for this project.

5.3.5 Equipment

There are no anticipated costs for equipment.

5.3.6 Supplies and Materials

There are no anticipated costs for supplies and materials.

5.3.7 Contractual/Construction

There are no contractual/construction costs for this project.

5.3.8 Environmental and Regulatory Compliance

Based on past experience administering the Lawn to Garden Rebate program, District staff anticipates that the costs for the environmental and regulatory compliance will be fairly minimal. Similar to program administration costs, any environmental and regulatory compliance costs incurred by the District will be considered part of normal operating costs and will not be claimed or reported under this grant. To comply with federal grant funding requirements to complete NEPA analysis, the District intends to complete a Categorical Exclusion Checklist (CEC) for this program and will provide Reclamation with the completed CEC for review.

The District has included $2,000 as the budget for environmental and regulatory compliance costs, primarily as budget for Reclamation staff time to review the CEC to be completed by the District. To determine the approximate Reclamation costs to review a CEC for this type of grant-funded program, District staff conferred with Reclamation staff in the Folsom Dam Field Office. Reclamation staff provided a range of potential costs from $2,000 to $5,000, depending on

Reclamation's anticipated efforts and involvement in completing the NEPA documentation. As noted, the District anticipates completing a CEC in-house, therefore minimizing the level of Reclamation effort needed to review and concur with the District's NEPA determination.

5.3.9 Other Expenses (Rebate Cost)

The majority of the costs for this project will go directly to fund rebates for customers in the District's service area. Rebates are paid at a rate of $1.00 per square foot of lawn replaced, and there is a cap on how much each customer can receive. Residential customers can receive a maximum of $1,000 and commercial customers can receive a maximum of $20,000. The total rebate cost for the two-year Lawn to Garden Rebate Program is estimated to be $800,000. For this Budget Category, the District requests $300,000 in Reclamation funding and the District will provide $500,000 of the rebate costs as cost share.

5.3.10 Indirect Costs

No indirect costs are included in the budget proposal.

5.3.11 Total Costs

The total cost for the two-year Lawn to Garden Rebate Program is estimated to be $802,000. The District requests $300,000 (37%) in Reclamation funding and the District will provide $502,000 (63%) of the rebate and environmental costs as cost share.

Section 6 Environmental and Cultural Resources Compliance

Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)?

This Lawn to Garden Rebate Program will occur primarily on suburban single-family residential lots within Contra Costa County, and thus will not affect the surrounding environment. Minimal ground disturbing activities on each privately-owned parcel could occur in the installation of the drip irrigation systems, plant material, walkways, and other front yard garden features typical of suburban landscapes.

Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?

No federal or state listed special-status species are known or are expected to be present within the suburban residential lots in which the Lawn to Garden Rebate Program would occur.

Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as "Waters of the United States?" If so, please describe and estimate any impacts the proposed project may have.

No wetlands exist at the suburban residential lots in which the Lawn to Garden Rebate Program would occur.

When was the water delivery system constructed?

The entire water delivery system for the area within the Contra Costa Water District started in the 1930s, and has been updated numerous times since then. This Lawn to Garden Rebate Program would result in water use savings from replacement of lawns with water-wise landscaping. Therefore, the project would not result in the need for upgrades/modifications to the water delivery system.

Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.

The proposed Lawn to Garden Rebate Program is expected to save water, and thus would not result in the need to modify any features of a large or extensive irrigation system. There is no impact.

Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.

The proposed Lawn to Garden Rebate Program for suburban front lawns is not within an irrigation district. No elements or features of this program would affect significant cultural resources, or those listed on the National Register of Historic Places.

Are there any known archeological sites in the proposed project area?

There are no known archaeological sites within the proposed project area, as the sites for the Lawn to Garden Rebate Program are on private suburban parcels. The ground has been significantly disturbed in the construction of the residential dwellings, thus it is not expected that the project would affect known archaeological sites within the area.

Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?

The project is a rebate program, to encourage homeowners to save water by replacing their lawns with water-wise landscaping. The rebate program is available to low income and minority populations that may benefit from the program. No adverse effects are expected.

Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?

The proposed Lawn to Garden Rebate program for suburban front lawns owned by private homeowners. No elements or features of this program would limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands.

Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?

The District has successfully managed Lawn to Garden Rebate Programs for many years. The District has an approved plant list that offers suggestions for replacing existing lawns with water-wise landscaping. None of the plants on this list are on the California Invasive Plant Council (Cal-IPC) list (see http://www.cal-ipc.org/plants/profiles/).

Section 7 Required Permits or Approvals

No permits or approvals as part of the Lawn to Garden Rebate Program are necessary. The District provides a rebate to incentivize customers to convert water-thirsty lawns to native, drought-tolerant and/or summer dry landscaping. Because the Program focuses on private parcels one at a time, the Program is exempt from both the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). Lawn conversions occur entirely within the customer's parcel and not within any easements or right-of-way, so no local permitting (such as Encroachment Permits) is necessary. This Lawn to Garden Rebate Program provides funding for projects up to 1,000 square feet for residential customers and up to 20,000 square feet for commercial customers, which is below 1-acre threshold for preparation of Storm Water Pollution Prevention Plans.

Section 8 Letters of Support

The following letters of support are provided for this Lawn to Garden Rebate Program. The letters are provided as an attachment to this application, as advised by the FOA.

- Association of Professional Landscape Designers, California Chapter
- City of Antioch
- Diablo Water District

Section 9 Official Resolution

Resolution to be submitted within 30 days of the application due date.

Section 10 Unique Entity Identifier and Award System

The District maintains active SAM registration with current information due to current active Federal award(s).

- DUNS: 0765565880000
- Commercial and Government Entity (CAGE) Number: 1LHR6

April 19, 2018

Chris Dundon
Contra Costa Water District
1331 Concord Avenue
Concord, CA 94520

RE: WaterSMART: Water and Energy Efficiency Grant Application

Dear Mr. Dundon:

The California Chapter of the Association of Professional Landscape Designers wishes to express our strong support for the Contra Costa Water District's (CCWDs) application for the 2018 WaterSMART: Water and Energy Efficiency Grant for its **Lawn to Garden Rebate Program**.

CCWD's Lawn to Garden Rebate Program helps promote sustainable landscapes which APLD endorses. As you know, we have been strongly promoting the Watershed Approach throughout the state of California and beyond.

Thank you for implementing this program and we strongly support this grant application.

Sincerely,

Francesca Corra, APLD
APLD California Chapter, President

April 19, 2018

Chris Dundon
Contra Costa Water District
1331 Concord Avenue
Concord, CA 94520

RE: WaterSMART: Water and Energy Efficiency Grant Application

Dear Mr. Dundon:

The City of Antioch wishes to express our strong support for the Contra Costa Water District's (CCWDs) application for the 2018 WaterSMART: Water and Energy Efficiency Grant for its **Lawn to Garden Rebate Program**.

CCWD's Lawn to Garden Rebate Program has been very successful and continuing it is very important for our region. Landscape water use represents a very large portion of the water use in our area and this program helps reduce that demand.

Thank you for implementing this program and we strongly support this grant application.

If you have any questions, please feel free to contact me at (925) 779-7097 or jhaaswajdowicz@ci.antioch.ca.us.

Sincerely,

Julie Haas-Wajdowicz
Environmental Resource Coordinator

DIABLO WATER DISTRICT

April 19, 2018

87 Carol Lane
P.O. Box 127
Oakley, CA 94561-0127
925-625-3798
Fax 925-625-0814
www.diablowater.org

Mr. Chris Dundon
Contra Costa Water District
1331 Concord Avenue
Concord, CA 94520

Subject: WaterSMART: Water and Energy Efficiency Grant Application

Dear Mr. Dundon:

Diablo Water District wishes to express our strong support for the Contra Costa Water District's (CCWD) application for the 2018 WaterSMART: Water and Energy Efficiency Grant for its **Lawn to Garden Rebate Program**.

CCWD's Lawn to Garden Rebate Program has been very successful and continuing it is very important for our region. Landscape water use represents a very large portion of the water use in our area and this program helps reduce that demand.

Thank you for implementing this program and we strongly support this grant application.

Sincerely,

Mike Yeraka, P.E.
General Manager

CONTRA COSTA WATER DISTRICT

April 30, 2018

U.S. Department of the Interior
Bureau of Reclamation
Mid-Pacific Region
2800 Cottage Way, Room E-1815
Sacramento, California 95825-1898

Subject: Congressional Districts of Contra Costa Water District and Lawn to Garden Rebate Program

To Whom It May Concern:

The purpose of this letter is to provide information related to the Congressional Districts in which the Contra Costa Water District and the Lawn to Garden Rebate Program lie.

Contra Costa Water District service area is encompassed by Congressional Districts CA-005, CA-009, CA-010, CA-011, and CA-015.

The Lawn to Garden Rebate Program is encompassed by Congressional Districts CA-005, CA-009, and CA-011.

If you have any questions, please contact me at (925) 688-8132 or mdutton@ccwater.com.

Sincerely,

Margaret J. Dutton

Maggie Dutton, P.E.
Grants Specialist

MJD

CONTRA COSTA WATER DISTRICT

April 30, 2018

U.S. Department of the Interior
Bureau of Reclamation
Mid-Pacific Region
2800 Cottage Way, Room E-1815
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The Lawn to Garden Rebate Program is encompassed by Congressional Districts CA-005, CA-009, and CA-011.

If you have any questions, please contact me at (925) 688-8132 or mdutton@ccwater.com.

Sincerely,

Margaret J. Dutton

Maggie Dutton, P.E.
Grants Specialist

MJD