



# Long Beach Water

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## Direct Install Garden (DIG) Program for Disadvantaged Communities (DAC) Project

**WaterSMART: Small-Scale Water Efficiency Projects for FY2021  
R21AS00300**

***Prepared For:***

Bureau of Reclamation  
Financial Assistance Support Section  
Attn: Mr. Matthew Reichert  
Denver Federal Center  
Bldg. 67, Rm. 152  
6th Avenue and Kipling Street  
Denver, CO 80225  
[BOR-SHA-FAFOA@usbr.gov](mailto:BOR-SHA-FAFOA@usbr.gov)  
303-445-3865

***Submitted By:***

Long Beach Water Department  
1800 Wardlow Road  
Long Beach, CA 90807  
Chris Garner, General Manager  
[Chris.Garner@LBWater.org](mailto:Chris.Garner@LBWater.org)  
562-570-2300

*March 18, 2021*

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## SECTION 1: TECHNICAL PROPOSAL

### Executive Summary

**Date:** March 18, 2021

**City:** Long Beach

**County:** Los Angeles

**State:** California

**Applicant Name:** Long Beach Water Department

**Project Length of Time:** Two Years

**Estimated Completion Date:** February 2024

**Located on a Federal Facility:** No

*Please indicate whether you are a Category A applicant or a Category B applicant. If you are a Category B applicant, please briefly explain how you are acting in partnership with a Category A partner.*

The Long Beach Water Department (LBWD) is considered a **Category A** applicant.

*A one paragraph project summary that provides the location of the project, a brief description of the work that will be carried out, any partners involved, expected benefits and how those benefits relate to the water management issues you plan to address. This information will be used to create a summary of your project for Reclamation's website if the project is selected for funding.*

LBWD funds and operates a multi-benefit turf replacement program that is specifically offered to residents within SB-535 disadvantaged communities (DACs) in Long Beach, CA referred to as the Direct Install Gardens (DIG) Program (the Program). The Program's objective is to remove high water consuming grass lawns and upgrade traditional inefficient irrigation systems to more efficient systems such as drip irrigation and high efficiency spray with updated weather-based irrigation controllers. The Program is specifically offered to DACs because DAC residents typically do not have the financial resources that are required in order to pay for the up-front costs associated with regular turf removal rebate programs. LBWD is seeking funding through the Bureau of Reclamation's (BOR) Small-scale Water Efficiency Program (SWEP) to expand the Program (the Project) for an additional two years. Funding from SWEP will only be used for the cost of turf removal, efficient irrigation infrastructure procurement, and all LBWD personnel time and effort for those related tasks. LBWD will use its own funds to match BOR's commitment and for the other tasks not covered under SWEP funding. LBWD will utilize the Conservation Corps of Long Beach (CCLB), a non-profit organization that provides job training to at-risk youth to provide all the labor. LBWD estimates that DAC residents that have completed turf replacement projects reduced their water consumption by approximately 14-20% (as per the City's [2015 Climate Resiliency Assessment Report](#) (CRAR)). LBWD estimates that approximately 44.3 gallons per square foot of turf removed will be conserved every year by replacing turf with drought tolerant landscaping. This Project will remove and replace approximately 50,000 sq. ft. of turf meaning that the Project will conserve an additional 6.80 acre-feet (AF) per year (AFY) of potable water (or 34.00 AF every five years). This conserved

water will improve LBWD's water supply efficiency and increase the water supply reliability for the entire Southern California region. Additional benefits from the implementation of the Project includes; increase public awareness of drought and water conservation by educating the DACs about water conservation and environmental restoration, improve water quality by reducing runoff, enhance climate resilience by reducing greenhouse gas emissions associated with transporting imported water, provide green job opportunities for at-risk youth in the Long Beach DAC community, provide economic resources to DACs by reducing water bills due to reduced outdoor water consumption, and improve the value of the participating residential property by having a more sustainable landscaping.

*State the length of time and estimated completion date for the proposed project including the construction start date (month/year). Note: Proposed projects shall not have a construction start date that is prior to January 31, 2022, for FY 2021 funding. See **Section C.3.3. Construction Start Date Restrictions** for additional information.*

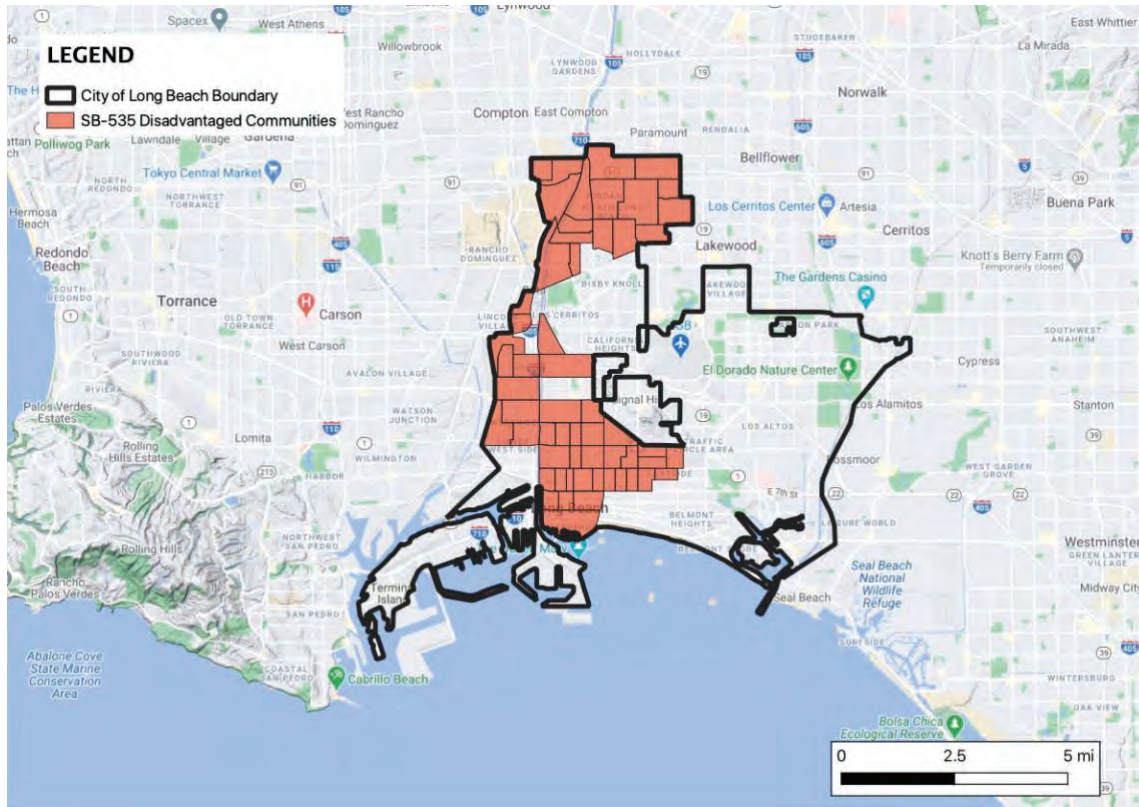
Award for this request will allow LBWD to continue its current Program for two more years. The SWEP grant will be used as soon as it is obtained. LBWD will start advertising for this opportunity created by the grant funding upon notice of award and the Program will be available for two years or February 2024.

### **Project Location**

*Provide detailed information on the proposed project location or project area including a map showing the geographic location. For example, {project name} is located in {state and county} approximately {distance} miles {direction, e.g., northeast} of {nearest town}. The project latitude is {###°##'N} and longitude is {###°##'W}.*

The DIG Program is offered to all residents within DACs in Long Beach, CA. The below map depicts the boundaries of the City of Long Beach (the City) and the DACs within the City limits. There are 57 census tracts within the City of Long Beach classified as DACs. The Project latitude is approximately {33°46'6" N} and longitude is {118°11'44" W}.

Figure 1. Project Location Map



### Project Description

*Provide a more comprehensive description of the technical aspects of your project, including the work to be accomplished and the approach to complete the work.*

The Program is currently on-going and LBWD is seeking grant funding to supplement the cost of expanding the incentive program for turf removal and use of high efficiency irrigation systems. The majority of the City’s DAC residences have turf lawns that are currently irrigated with outdated sprinkler systems ranging from 10-15 years old. The Program is a three-step process in enrolling eligible DAC residents in the Program, the first step is to identify their turf lawns and installing drought tolerant plants irrigated with high efficiency irrigation systems. The Water Resources staff at LBWD will administer the Project and guide participants through the application process, design, and construction phases. The first step in this process is public outreach. LBWD advertises the Program to DACs by providing educational materials and workshops to residents within DACs. These educational materials and workshops are designed to not only advertise the Program but to also inform residents of the amount of water consumed by turf lawns and the growing environmental and economic importance of installing drought tolerant landscapes in Southern California. Residents who are interested in enrolling in the Program are requested to submit an application to LBWD. Once the application is processed, LBWD will send a representative to the applicant’s residence to perform a site visit.

The purpose of the site visit is to determine the eligibility of the applicant based on their location, the current landscaping, and irrigation methods. Once the applicant has been confirmed as a qualified participant in the Program, LBWD will request select one of the pre designed landscaping samples that utilize native and drought tolerant planting schemes. Design samples are prepared by a professional landscape architect and consider the most efficient elements for water conservation and also include stormwater capture and reuse features. Design samples will be adjusted to match the specific site requirements.

Although LBWD has an award-winning incentive program that has successfully removed turf and installed drought tolerant gardens in many communities, the previous program was not financially attainable for residents in DACs. This Program was designed based on the fact that many DAC residents do not have the resources to plan an effective water efficient project or afford the high upfront costs of a traditional turf replacement rebate program. Therefore, LBWD has tried to remove the obstacles and provide a sustainable Program that starts with education and ends with an efficient water conservation project. Implementation of this Program has been very popular as it inspires other homeowners to seek similar improvements and LBWD is continuously striving to expand the Program.

All garden installations will include educational signage focused on the significance of water conservation, stormwater management, carbon capture, carbon dioxide reduction and habitat development.

LBWD staff will also be responsible for final garden designs, purchasing materials, post-installation inspections, plant maintenance education and consultations, and conducting public education and outreach. All the construction work will be performed by local at-risk youth hired by CCLB. Specifically, the Project will install Hunter Industries drip irrigation infrastructure consisting of a controller (Node or X-2), a weather sensor (Mini Click) and 18-inch drip tubing. The homeowner will be required to sign a five-year maintenance agreement with annual inspections from LBWD at each site to ensure the benefits of the Project are sustained for at least five years. LBWD will be providing some maintenance resources and regular check ins with the participants once the Project has been completed in order to ensure the new landscaping is operating appropriately. LBWD provides all of the funding for this Program; however, LBWD will utilize SWEP funding ONLY for the turf removal and efficient irrigation installation portion of the Project.

## Evaluation Criteria

### E.1.1. Evaluation Criterion A—Project Benefits (35 points)

*Describe the expected benefits and outcomes of implementing the proposed project.*

The Project will provide the following benefits:

1. Conserve 6.80 AFY of potable water (or 34.00 AF every 5 years) thereby improving LBWD's water supply efficiency
2. Increase water supply reliability for the Southern California region
3. Increase public awareness by educating the DACs about water conservation and environmental restoration
4. Improve water quality by reducing runoff from over irrigation
5. Enhance climate resilience and reduce greenhouse gas emissions by reducing energy consumption from importing water
6. Provide green job opportunities for at-risk youth in the Long Beach DAC community
7. Improve the economy by reducing water usage and water bills for DACs and allowing the savings to be spent on other items within the community
8. Improve the property values of participating DAC residences by installing more efficient landscaping

More details on how the Project will achieve these benefits are described in greater detail below.

*What are the benefits to the applicant's water supply delivery system?*

LBWD is responsible for managing all water supply within the City of Long Beach. LBWD covers a water service area of over 50 square miles serving approximately 462,600 residents of which approximately 263,500 (56%) live within DACs. The Project will remove and replace 50,000 sq. ft. of turf with drought tolerant plants and will improve the associated irrigation infrastructure. Based on historical numbers of the Program, LBWD estimates it will cost \$3 per sq. ft. to remove turf and install the efficient irrigation. The overall Program cost is \$10 per sq. ft., however all other expenses will be covered by LBWD. With \$150,000 in funding (\$75,000 from BOR and \$75,000 from LBWD), it is estimated that LBWD will be able to modify 50,000 sq. ft. of landscape. According to the [CRAR](#), LBWD can conserve additional water resources by reducing residential demands from 10-24% with drought-tolerant landscaping installation. Specifically, the Project will conserve approximately 6.80 AFY or 34.00 AF every five years through the replacement of 50,000 sq. ft. of turf with drought tolerant plants and efficient irrigation infrastructure. This water savings was calculated using the Environmental Protection Agency's [WaterSense Water Budget Tool](#). This significant savings will be achieved by the proposed modifications to outdoor residential water use which will ultimately reduce LBWD's overall water consumption and help alleviate increasing water demand burdens on LBWD's water



supply and water supply delivery system. Water savings from this program will result in additional water remaining in local basin and reduced need for imported water supply.

*If other benefits are expected explain those as well. Consider the following:*

*Extent to which the proposed project improves overall water supply reliability*

The Project will replace 50,000 sq. ft. of turf and will improve the associated irrigation infrastructure resulting in the conservation of valuable water resources. Conserving water will ultimately allow the same amount of water to be used for other beneficial uses within LBWD’s system as demands increase. LBWD relies on two water supplies; imported water from the Metropolitan Water District of Southern California (MWD) and local groundwater from the Central Basin Aquifer (CBA). MWD is a water wholesale provider who provides imported water to LBWD and twenty-five other agencies throughout Southern California. MWD receives its water supplies from the San Francisco Bay Delta (the Delta) via the State Water Project (SWP) and from the Colorado River via the Colorado River Aqueduct (CRA). As it is demonstrated below, although LBWD has been increasing utilization of its groundwater from the CBA, LBWD still significantly relies on imported water supplies from MWD.

Table 1. LBWD Water Supply Sources (5-year average)

Long Beach Water Department Percentage of Water Supply Comparison (based on 5-year average)	
Water Supply Sources	% of Five-Year Average Annual Supply
Imported Water	43
Local Supply (Groundwater)	47
Recycled Water	10
<b>TOTALS</b>	<b>100</b>

Prior to the 2018 winter, the snowpack and groundwater levels decreased due to severe dry conditions, reducing the amount of local groundwater supply and imported water availability to LBWD. According to the City’s [CRAR](#), the City’s arid climate is likely to become drier due to climate change, which could lead to an increase in both the duration and frequency of drought conditions. Prolonged drought periods will put a significant burden on LBWD’s water supplies as imported water becomes more scarce and the CBA becomes more heavily relied on.

Additionally, the City’s population is projected to increase from 496,616 in 2020 to 560,232 by 2050, or about 13% increase. If water conservation measures are adopted and are successful, LBWD predicts that water demands will decrease from 55,216 AFY in 2020 to 51,653 AFY by 2040. However, as noted in the [2015 Urban Water Management Plan \(UWMP\)](#) if water conservation measures are not adopted, water demands are expected to increase to 60,000

AFY or greater by 2040 which would greatly impact the limited water supplies. Prolonged drought conditions with population and water demand increase will make water supply resiliency increasingly valuable to LBWD. Expanding conservation methods such as the Program will improve LBWD's water supply system resiliency and will ultimately benefit LBWD's customers.

*The expected geographic scope benefits from the proposed project (e.g., local, sub-basin, basin)*

The Project will directly impact local residents within the City's DACs by replacing turf irrigated by outdated and inefficient irrigation infrastructure with drought tolerant plants irrigated with high efficiency irrigation infrastructure. Also, as mentioned above, LBWD obtains its water supply from two sources: imported water from MWD and groundwater from the CBA. LBWD is highly dependent on the CBA and MWD for its water supply; therefore, any incremental decrease in demand will ultimately benefit all member agencies of MWD located throughout the Southern California region.

*Extent to which the proposed project will increase collaboration and information sharing among water managers in the region*

LBWD actively collaborates on water resources management projects and shares information with the other water managers in the region including MWD's Water Use Efficiency Workgroup, consisting of all twenty-six member agencies that collectively serve water to over 19 million people across Southern California. Each of these partner agencies has an interest in solving the problem of high water-use and urban runoff caused by excessive landscape irrigation. LBWD will share data from this project with other water managers throughout the region to inform their landscape efficiency rebate programs.

*Any anticipated positive impacts/benefits to local sectors and economies (e.g., agriculture, environment, recreation, tourism)*

DACs are determined and mapped by [CalEnviroScreen 3.0](#) (CES). CES has rated all census tracts in California based on a variety of socio-economic and environmental factors with census tracts in the 75-100 percentile being qualified as a DAC. Of the 57 census tracts within the City of Long Beach classified as DACs, 14 tracts were ranked in the 95-100 percentile which is the worst possible category. Extended drought and increased heat due to climate change have had a disproportionate impact on DACs in Long Beach. For example, increased water costs and strict water use regulations during the extended drought have led to an increase of brown lawns and dirt lots within the City's DACs. Besides negative community aesthetics, brown lawns coupled with extreme heat events and rising temperatures can cause serious health impacts when combined with other socioeconomic and environmental risk factors such as the COVID-19 pandemic and subsequent economic recession. The Project will not only help the City of Long Beach in conserving its water resources but will also enhance the City's climate resiliency and inspire other homeowners to participate in the Program and reap similar benefits. It will

provide part-time jobs and job training opportunities for the City's at-risk youth who have been affected the most by the COVID-19 pandemic and on-going drought conditions.

The Project will promote climate resiliency which will benefit all sectors within the City of Long Beach. By replacing turf with drought tolerant plants and conserving water resources, the Project will help the City address its climate resiliency goals as specified in its 2015 [CRAR](#). According to the CRAR, LBWD can conserve additional water resources by reducing residential demands from 10-24% with drought-tolerant landscaping installation. The Project will increase LBWD's water supply resiliency which will also bolster the City's climate resiliency while providing financial savings for residents in DACs.

The CES utilizes the American Communities Survey (ACS) for its socioeconomic data. According to the ACS 2018 data, the weighted average unemployment rate (based on population) for DACs within the City was 13% with a maximum of 34% unemployment rate in some DACs. The situation is most likely worsened for DACs due to the COVID 19 pandemic. The Program will result in reduced water bills for the homeowners which will allow them to utilize the savings on other items therefore generating resources in the community.

The Project will also create jobs and provide job training for youth from local DACs through a partnership with CCLB. Specifically, the CCLB will hire youth within DACs in Long Beach who face a wide range of challenges that include homelessness, poor educational backgrounds, and legal and medical concerns, and therefore lack opportunities to develop their work and educational skills. This Project will not only provide the environmental benefits by bolstering climate resiliency, it will also provide these youth with important opportunities for relationship building, skill development, leadership training, investment in community, and community capacity building. Participation in this Project will provide them with occupational job skills in landscape design and maintenance and urban forestry, as well as improve their future employability and enhance their own personal growth and development.

In addition, it will inspire the neighboring properties to make the change in their surroundings and benefit from the property values of each home by installing sustainable landscaping.

In response to climate change and the current economic downturn, LBWD is hoping to use SWEP funding to expand the Program in order to improve LBWD's water supply resiliency, the City's overall climate resiliency, and provide more green-jobs for Long Beach's DAC residents. This funding will allow continuation of the Program that is already underway and has been successfully making changes in DACs.

*Extent to which the project will complement work done in coordination with NRCS in the area (e.g., with a direct connection to the district's water supply). Describe any on-farm efficiency work that is currently being completed or is anticipated to be completed in the future using NRCS assistance through EQIP or other programs*

Not applicable.

### **E.1.2. Evaluation Criterion B—Planning Efforts Supporting the Project (35 points)**

*Describe how your project is supported by an existing planning effort.*

The Program is supported by three existing plans, the Water Shortage Contingency Plan (WSCP) located in Section 8 of the [LBWD 2015 UWMP](#), the [City's CRAR](#), and the Long Beach [Sustainable City Action Plan](#) (SCAP). These three plans identify turf removal and drought tolerant plant installation as a priority to increase the City's water, energy, and environmental sustainability. In addition, City's [SMARTSCAPE Ordinance](#) establishes a model water efficient landscape regulations for new and retrofit projects.

LBWD's WSCP identifies measures to help prevent water supply shortages through an aggressive and effective water management program. One of the measures identified under Section 8.4 Consumption Reduction Methods is "Provide Rebates for Landscape Irrigation Efficiency" (page 66 of UWMP). LBWD has been offering a rebate program, however, it has restructured the rebate program to be effective and sustainable for the DACs by conversion of their outdoor landscaping and thereby achieving the same objective.

Additionally, the Project is fully supported by the City's CRAR. The purpose of this document is to present a series of steps and actions that City leaders and community stakeholders can use as a template for making Long Beach a model of a climate resilient city. Part 2 of this report recommends the following as a mitigation for drought impacts (page 7): "Continuing the City's commitment to replacing landscapes that are not native to this region and require large amounts of landscape irrigation (i.e. grass used on lawns, grass areas of parks and other large landscapes that provide no functional use, street medians, etc.). These landscapes should be replaced with gardens that thrive in the Long Beach semi-arid climate with little to no supplemental irrigation."

Lastly, the City's SCAP was adopted in 2010 and includes initiatives, goals and actions that will move Long Beach toward becoming a sustainable city. One of these goals stated within the SCAP is Urban Nature which identifies the conversion of front yards to "native or edible landscape" as an action that will promote environmental sustainability within the City (page 25). Specifically, installing native plants (as done in this Program) will reduce water use and enhance the natural ecosystem within the City providing homes and food sources to native animals that rely on certain plant species for survival.

*Does the proposed project implement a goal or address a need or problem identified in the existing planning effort?*

LBWD has championed water conservation since 1990, recognizing early on the need to sustainably manage its limited water resources in an arid region through seasonal or climatic shortages. Today, LBWD's goal is still to provide its customers with an adequate and reliable supply of high-quality water to meet present and future needs in an environmentally and economically responsible manner. In order to help sustain its current population and support projected growth, LBWD relies on quantitatively evaluated best management water conservation practices.

Conservation efforts are critical to reduce water demand over the long-term, and to reduce the pressure on the groundwater supply in LBWD's service area and the surrounding region. The majority of residential water use in LBWD's service area occurs outdoors (at least 50%) making outdoor water conservation one of several high-priority policies actively implemented within the City.

LBWD's conservation related practices and programs are manifold, including: water-efficient landscaping, consumer education, utilization of new technologies such as "smart" irrigation controllers, water audits for large-volume water users, residential and landscape water audits, leak detection and repairs, water waste prevention ordinances, and indoor residential appliance modifications such as ultra-low flush toilet, low-flow showerheads, and high-efficiency cloth washer installations.

*Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.*

Long Beach is in a semi-arid region where the amount of natural precipitation is not sufficient to maintain a grass lawn meaning significant irrigation is needed to up-keep grass lawns. In fact, it is estimated that the average single-family home uses approximately half of its water consumption for landscape irrigation before conservation measures are enacted. In addition, as demonstrated above, LBWD relies on over 40% of its water from import sources and has been striving to reduce its reliability on this scarce water source. Based on this estimate, LBWD decided that incentivizing turf removal within the City would significantly reduce water demands and allow LBWD to reallocate water to other beneficial uses. Also, as demonstrated above, the City has completed several feasibility reports that have recommended water conservation as an important method for ensuring water resiliency for the City and the region.

**E.1.3. Evaluation Criterion C—Project Implementation (10 points)**

*Describe the implementation plan for the proposed project. Please include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates.*

The Program is ongoing and funds received from the SWEF would be utilized as soon as funding becomes available. LBWD will utilize the SWEF funds to subsidize the turf removal and irrigation efficiency for residences that enroll in the Program. With the award of this request for \$75,000, LBWD would be able to convert 50,000 sq. ft. of turf landscape to drought tolerant landscapes in 23 months. Table 2 below provides the estimated project schedule and milestones.

Table 2. Project Schedule and Milestones

Project Stage	Duration	Milestones	Start Date	Completion Date
Funding Award	On-Going	<ul style="list-style-type: none"> <li>Public Outreach</li> </ul>	Upon Notice of Award	Pending Funding Availability
Phase 1: Pre-Installation	20 Months	<ul style="list-style-type: none"> <li>Application Review &amp; Approval</li> <li>Pre-Installation Site Visits</li> </ul>	February 2022	October 2023
Phase 2: Installation	22 Months	<ul style="list-style-type: none"> <li>50% installed in first 12 months</li> <li>100% installed in remaining 10 months</li> </ul>	February 2022	December 2023
Phase 3: Post-Installation	22 Months	<ul style="list-style-type: none"> <li>Phase 2 occurs simultaneously with Phase 3</li> <li>Post-installation site visits</li> <li>Verification of successful project completion</li> </ul>	March 2022	January 2024
Phase 4: Monitor and Support	1 Month	<ul style="list-style-type: none"> <li>Submit progress &amp; final report</li> <li>Monitor water savings</li> </ul>	January 2024	February 2024

*Describe any permits that will be required, along with the process for obtaining such permits.*  
There are no required permits for the Project.

*Identify and describe any engineering or design work performed specifically in support of the proposed project.*

All the preliminary work has been completed. There will not be any engineering or design work performed specifically in support of the proposed project.

*Describe any new policies or administrative actions required to implement the project.*

There are no new policies or administrative actions required to implement the Project.

*Describe the timeline for completion of environmental and cultural resource compliance. Was the timeline for completion of environmental and cultural resource compliance discussed with the local Reclamation office?*

LBWD understands that the BOR office will issue a National Environmental Protection Act (NEPA) Categorical Exclusion for this project. There is no other environmental or cultural compliance needed for this project.

#### **E.1.4. Evaluation Criterion D— Nexus to Reclamation (10 points)**

*Up to 10 points may be awarded based on the extent that the proposal demonstrates a nexus between the proposed project and a Reclamation project or activity. Describe the nexus between the proposed project and a Reclamation project or activity, including:*

*Is the proposed project connected to a Reclamation project or activity?*

No.

*If so, how? Please consider the following:*

*Does the applicant receive Reclamation project water?*

While LBWD does not receive BOR project water directly, the water received from MWD relies on BOR projects to supply water to its twenty-six member agencies located throughout Southern California. For example, BOR operates and maintains the Parker Dam located on the Colorado River which is responsible for maintaining the levels of Lake Havasu. MWD diverts Colorado River water from Lake Havasu via the CRA and delivers water to its member agencies including LBWD.

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

No.

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

No.

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

The Project will allow LBWD to reduce its water demands thereby reducing the need of imported water from Colorado River from MWD. As mentioned, although LBWD does not directly operate with BOR, reducing diversion from the Colorado River will assist BOR in the operation of the Parker Dam.

*Will the project benefit any tribe(s)?*

The proposed project will not benefit tribes directly. However, reducing water demands will allow LBWD to reduce its imported water demands from MWD via the SWP and CRA. By reducing demand, LBWD will indirectly allow Reclamation facilities to better meet their responsibilities to tribes.



## SECTION 2: PROJECT BUDGET

### 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.*

LBWD will provide all of cost share for this portion of the Project in the form of monetary contributions. The source funds for the contributions are from LBWD’s Conservation Budget. As shown in the draft Long Beach Water Board Resolution located in Section 6 of this application (to be approved on April 1, 2021), LBWD is committed to providing the remaining matching funds to complete this Project.

*Project funding provided by a source other than the applicant shall be supported with letters of commitment from these additional sources.*

LBWD strives to seek as much funding as possible to augment its budget and expand the Program. MWD offers a turf rebate program which would provide \$2 per sq. ft. in rebates of turf removed. Since the quantity of these funds is not currently known, they were not factored into the Project budget or turf replacement estimates. The availability of these funds will not change or affect LBWD’s match commitment.

Table 3. Project Funding Sources

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal funding	\$75,000
Costs to be paid by the applicant	\$94,711
Value of third-party contributions	\$0
<b>Totals</b>	<b>\$169,711</b>

Table 4. Project Funding Cost Share Percentage

FUNDING SOURCES	AMOUNT	% of Project Cost
<b>Non-Federal Entities</b>		
LBWD	\$94,711	55.8%*
<b>Non-Federal Subtotal</b>	<b>\$94,711</b>	<b>55.8%*</b>
<b>Other Federal Entities</b>		
None	\$0	0%
<b>Other Federal Subtotal</b>	<b>\$0</b>	<b>0%</b>
<b>REQUESTED RECLAMATION FUNDING</b>	<b>\$75,000</b>	<b>44.2%</b>

\* Considering the entire cost of the Program (~\$10 per sq. ft.), LBWD’s cost share will be ~80% for non-Project related costs.

## Budget Proposal

Table 5. Project Budget

Budget Item	Computation		Quantity Type	Total Costs
	\$ / Unit	Quantity		
<b>Salaries and Wages</b>				<b>\$12,090</b>
James Morgutia (Project Manager)	\$38.75	312	Hours	\$12,090
<b>Fringe Benefits</b>				<b>\$6,621</b>
James Morgutia (Project Manager)	\$21.22	312	Hours	\$6,621
<b>Travel</b>				
Not applicable				
<b>Equipment</b>				
(Included in Construction Contractor)				
<b>Supplies and Materials</b>				
Not Applicable.				
<b>Construction Contractor</b>				<b>\$150,000</b>
Turf Removal and Irrigation Installation	\$3	50,000	Sq. Ft.	\$150,000
<b>Total Direct Costs</b>				<b>\$168,711</b>
<b>Indirect Costs</b>				<b>\$1,000</b>
NEPA Compliance	\$1,000	1	LS	\$1,000
<b>Total Estimated Project Costs</b>				<b>\$169,711</b>

## **Budget Narrative**

### **Salaries and Wages & Fringe Benefits**

The Program Manager for this project will be James Morgutia (who is an Administrative Analyst at LBWD) throughout the Project implementation. He will be supported by LBWD personnel on an as-needed basis.

### **Travel**

N/A

### **Equipment**

N/A

### **Materials and Supplies**

N/A

### **Contractual**

CCLB will perform all labor for the project including the turf removal and irrigation installation. The cost of turf removal and the irrigation equipment procurement and replacement are based on an average from previously completed projects which is \$3 per sq. ft. of turf removed.

### **Third-Party In-Kind Contributions**

N/A

### **Other Expenses**

N/A

### **Indirect Costs**

LBWD has allocated \$1,000 for cost of obtaining a NEPA Categorical Exemption that will be processed by BOR.

## SECTION 3: ENVIRONMENTAL AND CULTURAL RESOURCE COMPLIANCE

*Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water[quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts.*

The Project will replace existing turf with drought tolerant, native plant species. Since this Project will only occur on residential properties where land is already disturbed from previous landscaping, the environmental impacts will be negligible.

*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?*

There are no known species listed as a Federal threatened or endangered species in the project area.

*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.*

There are no wetlands or other surface waters inside the project boundaries.

*When was the water delivery system constructed?*

The water delivery system that will be the focus of the proposed project was constructed in the 1970's and upgraded in the 1980's and 1990's.

*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 Project will install high efficiency spray and drip irrigation for residential landscape. Specifically, the Project will install Hunter Industries drip irrigation infrastructure consisting of a controller (Node or X-2), a weather sensor (Mini Click) and 18-inch drip tubing. The existing irrigation infrastructure on the residential lawns within DACs typically are spray irrigation ranging anywhere from 10 to 15 years in age.

*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.*

There are no buildings, structures, or features in the proposed project area that are listed or eligible for listing on the National Register of Historic Places within this project area.

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

No.

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

No, the Project is designed to benefit low-income and minority populations (DACs) within the City. By replacing high water use lawns and outdated irrigation infrastructure with drought tolerant plant and high efficiency irrigation infrastructure at no-cost to the resident, participants in the Program will receive a number of long-term benefits. Along with assisting LBWD in its water conservation efforts, participants in the Program will be able to save on their water bill once their landscaping and irrigation is modified. This monthly cost savings would provide long-term financial benefits for participants within DACs.

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

No.

*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?*

No.

## **SECTION 4: REQUIRED PERMITS OR APPROVALS**

There are no permits or required approvals for this project.

## SECTION 5: LETTERS OF PROJECT SUPPORT



March 18, 2021

Brenda Burman  
Commissioner, Bureau of Reclamation  
1849 C Street NW  
Washington DC 20240-0001

**RE: WaterSMART Grant: Small-Scale Water Efficiency Program  
Direct Install Garden Program for Disadvantaged Communities Project  
Long Beach Water Department, Long Beach, California**

Dear Ms. Burman,

The Long Beach Water Department (LBWD) is applying for the Small-scale Water Efficiency Program (SWEP), a WaterSMART Grant offered by the Bureau of Reclamation, for the Direct Install Garden (DIG) Program (the Program). The Program is currently on-going and provides turf removal, drought tolerant landscape installation, and irrigation infrastructure improvements for California Senate Bill 535 identified Disadvantaged Communities (DACs) within the City of Long Beach. Funding received from the SWEP will allow LBWD to offer the Program to more DAC residents which will result in quantifiable water savings for LBWD and financial savings for residents within DACs who participate in the program.

Additionally, it is important to note the DIG program is a partnership between LBWD and the Conservation Corps of Long Beach (CCLB), a non-profit organization that provides job training for young people from some of the most underserved communities in our region. LBWD provides funding and supplies for the Program and CCLB hires and trains local young people to perform the labor duties for each landscape upgrade. Our youth face a wide range of challenges that include homelessness, poor educational backgrounds, and legal and medical concerns, and therefore lack opportunities to develop their work and educational skills. This Program not only provides increasing water supply resilience for LBWD, but also provides our youth with important opportunities for relationship building, skill development, leadership training, investment in community, and community capacity building.

**I strongly support LBWD's proposed Direct Install Garden Program for Disadvantaged Communities Project** and ask that the Bureau of Reclamation recognize its beneficial use to the community, the region, and the state of California.

If you have any questions or need additional information regarding the Corps please contact me at [dknapp@cclb-corps.org](mailto:dknapp@cclb-corps.org) or 562.986.1249.

Sincerely,



Dan Knapp, Executive Director/CEO  
Conservation Corps of Long Beach  
340 Nieto Avenue  
Long Beach, CA 90814  
562-986-1249



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

Office of the General Manager

March 18, 2021

Brenda Burman  
Commissioner, Bureau of Reclamation  
1849 C Street NW  
Washington DC 20240-0001

Dear Ms. Burman:

WaterSMART Grant: Small-Scale Water Efficiency Program\_Direct Install Garden Program for Disadvantaged Communities Project Long Beach Water Department, Long Beach, California

The Long Beach Water Department (LBWD) is applying for the Small-scale Water Efficiency Program (SWEP), a WaterSMART Grant offered by the Bureau of Reclamation, for the Direct Install Garden (DIG) Program (the Program). The Program is currently on-going and provides turf removal, drought tolerant landscape installation, and irrigation infrastructure improvements for California Senate Bill 535 identified Disadvantaged Communities (DACs) within the City of Long Beach. Funding received from the SWEP will allow LBWD to offer the Program to more DAC residents which will result in quantifiable water savings for LBWD and financial savings for residents within DACs who participate in the program.

Additionally, it is important to note the DIG program is a partnership between LBWD and the Conservation Corps of Long Beach (CCLB), a non-profit organization that provides job training to at-risk youth. LBWD provides funding and supplies for the Program and CCLB hires and trains local at-risk youth to perform the labor duties for each landscape upgrade. These youth face a wide range of challenges that include homelessness, poor educational backgrounds, and legal and medical concerns, and therefore lack opportunities to develop their work and educational skills. This Program not only provides increasing water supply resilience for LBWD, but also provides these youth with important opportunities for relationship building, skill development, leadership training, investment in community, and community capacity building.

**I strongly support LBWD's proposed Direct Install Garden Program for Disadvantaged Communities Project** and ask that the Bureau of Reclamation recognize its beneficial use to the community, the region, and the state of California.

Sincerely,



William P. McDonnell  
Manager, Water Use Efficiency



## SECTION 6: OFFICIAL RESOLUTION

The below draft resolution is scheduled for adoption on April 1, 2021.

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RESOLUTION NO. WD-XXXX

A RESOLUTION OF THE BOARD OF WATER COMMISSIONERS OF THE CITY OF LONG BEACH APPROVING THE APPLICATION TO THE UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION, WATERSMART DROUGHT RESPONSE PROGRAM FOR THE DIRECT INSTALL GARDEN PROGRAM FOR DISADVANTAGED COMMUNITIES PROJECT

WHEREAS, the United States Department of the Interior, Bureau of Reclamation (USBR) WaterSMART Drought Response Program established a framework to provide Federal leadership and assistance to stretch and secure water supplies for the future; and

WHEREAS, with WaterSMART grants, USBR provides cost-sharing funding on a competitive basis to implement projects that will build long-term resiliency to drought; and

WHEREAS, in order for the Long Beach Water Department to receive and expend grant funding, the USBR requires the Board of Water Commissioners to adopt a resolution identifying the official with the legal authority to enter into an agreement with USBR, and authorize the official to commit the Long Beach Water Department to the financial and legal obligations associated with receipt of the WaterSMART Drought Response Program Grant financial assistance;

NOW, THEREFORE, the Board of Water Commissioners of the City of Long Beach resolves as follows:

Section 1. Approves and supports the filing of an application with the Department of the Interior, Bureau of Reclamation for the WaterSMART Drought

OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
411 West Ocean Boulevard, 9th Floor  
Long Beach, CA 90802-4664

1 Resiliency Program funding and further authorizes the expenditure of funds or in-kind  
 2 contributions by the Long Beach Water Department as specified in the funding plan for  
 3 the Direct Install Garden Program for Disadvantaged Communities Project.

4 Section 2. Appoints the General Manager as agent of the Applicant to  
 5 conduct all negotiations and execute and submit all documents, including, but not limited  
 6 to, applications, contracts, amendments, payment requests, and compliance with all  
 7 applicable laws which may be necessary for the completion of the aforementioned  
 8 Project.

9 Section 3. Directs the General Manger to work with the USBR to meet  
 10 established deadlines for entering into a cooperative agreement.

11 Section 4. This Resolution shall take effect immediately upon its  
 12 adoption by the Board, and the Secretary to the Board shall certify the vote adopting this  
 13 Resolution.

14 I hereby certify that this Resolution was adopted by the Board of Water  
 15 Commissioners of the City of Long Beach at its meeting on  
 16 \_\_\_\_\_, 2021 by the following vote:

OFFICE OF THE CITY ATTORNEY  
 CHARLES PARKIN, City Attorney  
 411 West Ocean Boulevard, 9th Floor  
 Long Beach, CA 90802-4864

18 Ayes: Commissioners: \_\_\_\_\_  
 19 \_\_\_\_\_  
 20 \_\_\_\_\_

21 Noes: Commissioners: \_\_\_\_\_

22 Absent: Commissioners: \_\_\_\_\_  
 23 \_\_\_\_\_

24 \_\_\_\_\_  
 25 Secretary  
 26 Board of Water Commissioners  
 27  
 28

## SECTION 7: PROOF OF SAM REGISTRATION

**Use the SAM Status Tracker Now**








Check registration status by typing in a DUNS Number.  
DUNS Number  Plus 4 (Optional)

Or, check registration status by typing in a CAGE Code.  
CAGE Code

**LONG BEACH, CITY OF**

**Status: Active**

Your registration was activated on Jan 05, 2021. It expires on Jan 04, 2022 which is one year after you submitted it for processing.

						
<b>Core Data</b>	<b>Assertions</b>	<b>Reps &amp; Certs</b>	<b>POCs</b>	<b>Submit</b>	<b>Processing</b>	<b>Active</b>
Completed	Not Required	Not Required	Completed	Completed	Completed	Completed

**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): <input type="text"/> * Other (Specify): <input type="text"/>
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* 3. Date Received: <input type="text"/>	4. Applicant Identifier: <input type="text"/>
---	--

5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>
--	---

**State Use Only:**

6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>
---	---

**8. APPLICANT INFORMATION:**

\* a. Legal Name:

* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="95-6000733"/>	* c. Organizational DUNS: <input type="text" value="1300092690000"/>
--	---

**d. Address:**

* Street1:	<input type="text" value="1800 E Wardlow Road"/>
Street2:	<input type="text"/>
* City:	<input type="text" value="Long Beach"/>
County/Parish:	<input type="text"/>
* State:	<input type="text" value="CA: California"/>
Province:	<input type="text"/>
* Country:	<input type="text" value="USA: UNITED STATES"/>
* Zip / Postal Code:	<input type="text" value="90807-4931"/>

**e. Organizational Unit:**

Department Name: <input type="text" value="Long Beach Water Department"/>	Division Name: <input type="text"/>
--	--

**f. Name and contact information of person to be contacted on matters involving this application:**

Prefix: <input type="text"/>	* First Name: <input type="text" value="Chris"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Garner"/>	
Suffix: <input type="text"/>	

Title:

Organizational Affiliation:

* Telephone Number: <input type="text" value="562-570-2300"/>	Fax Number: <input type="text"/>
---	----------------------------------

\* Email:

**Application for Federal Assistance SF-424**

**\* 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

Department of the Interior - Bureau of Reclamation

**11. Catalog of Federal Domestic Assistance Number:**

15.507

CFDA Title:

WaterSMART (Sustain and Manage America's Resources for Tomorrow)

**\* 12. Funding Opportunity Number:**

R21AS00300

\* Title:

WaterSMART: Small-Scale Water Efficiency Projects

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Add Attachment

Delete Attachment

View Attachment

**\* 15. Descriptive Title of Applicant's Project:**

Direct Install Garden (DIG) Program for Disadvantaged Communities (DAC) Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**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.

Add Attachment

Delete Attachment

View Attachment

**17. Proposed Project:**

\* a. Start Date:

\* b. End Date:

**18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="75,000.00"/>
* b. Applicant	<input type="text" value="94,711.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="169,711.00"/>

**\* 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

Add Attachment

Delete Attachment

View Attachment

**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 - CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

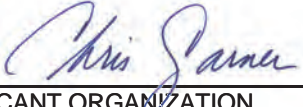
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**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 assistance 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 costs) 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 assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. 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.
8. 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).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. 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.

11. 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 and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the 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.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE General Manager
APPLICANT ORGANIZATION City of Long Beach- Water Department	DATE SUBMITTED 3/15/2021



# DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

OMB Number: 4040-0013  
Expiration Date: 02/28/2022

<b>1. * Type of Federal Action:</b> <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	<b>2. * Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input checked="" type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	<b>3. * Report Type:</b> <input checked="" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change
--	--	--

**4. Name and Address of Reporting Entity:**

Prime     SubAwardee

\* Name:

\* Street 1:     Street 2:

\* City:     State:     Zip:

Congressional District, if known:

**5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime:**

<b>6. * Federal Department/Agency:</b> <input type="text" value="U.S. Bureau of Reclamation"/>	<b>7. * Federal Program Name/Description:</b> <input type="text" value="WaterSMART Grants: Small-Scale Water Efficiency Projects FY2021"/> CFDA Number, if applicable: <input type="text" value="15.507"/>
---	--

<b>8. Federal Action Number, if known:</b> <input type="text"/>	<b>9. Award Amount, if known:</b> \$ <input type="text" value="75,000.00"/>
--	--

**10. a. Name and Address of Lobbying Registrant:**

Prefix  \* First Name  Middle Name

\* Last Name  Suffix

\* Street 1:     Street 2:

\* City:     State:     Zip:

**b. Individual Performing Services** (including address if different from No. 10a)


Prefix  \* First Name  Middle Name

\* Last Name  Suffix

\* Street 1:     Street 2:

\* City:     State:     Zip:

**11.** Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

\* Signature: 

\* Name: Prefix  \* First Name  Middle Name

\* Last Name  Suffix

Title:     Telephone No.:     Date: