



Landscape Transformation Program

WaterSMART: Small-Scale Water Efficiency Projects for FY2021 R21AS00300

Prepared For:

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SECTION 1: TECHNICAL PROPOSAL

Executive Summary

Date: March 18, 2021

City: Santa Ana

County: Orange

State: California

Applicant Name: City of Santa Ana

Project Length of Time: 2 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. **Note:** If you are a Category B applicant, you must include a letter from the Category A partner confirming that they are partnering with you and agree to the submittal and content of the proposal (see Section C.1. Eligible Applicants for additional information).*

The City of Santa Ana is 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.

The City of Santa Ana (the City) is located in Orange County, California. The City currently administers a residential landscaping conversion program referred to as the Santa Ana Water Smart Landscapes Program. This program involves removing highly water consumptive turf lawns and outdated irrigation infrastructure and replacing with drought tolerant landscaping with high efficiency irrigation infrastructure. Although the City currently offers the Santa Ana Water Smart Landscapes Program to all residents, if the City is selected by the Bureau of Reclamation (Reclamation) as an awardee of the Small-Scale Water Efficiency Program (SWEP), funds will be used to subsidize the cost of turf removal and efficient irrigation infrastructure procurement and installation for Senate Bill 535 identified Disadvantaged Communities (DACs) within the City of Santa Ana. The targeted expansion of the Santa Ana Water Smart Landscapes Program to DAC residents is referred to as the Landscape Transformation Program (the Program). Specifically, the turf removal and efficient irrigation installation for residents within DACs is referred to in this application as the “Project”. The Program is being offered to DAC residents in particular because traditional turf rebate programs require high up-front costs that DAC residents can rarely afford. By offering the Program to DACs, Santa Ana will be able to replace more turf with drought tolerant plants as well as replace inefficient irrigation infrastructure with more efficient irrigation infrastructure. The Project will improve the City’s overall water efficiency and drought tolerance by reducing annual residential water



consumption by 6.87 acre-feet (AF) per year (AFY) or 34.35 AF for the Project's first 5 years. This water savings will create increased water supply reliability for the City and the entire Southern California region. Additionally, the Project will achieve a number of other benefits such as; educate City residents about the importance of water conservation and environmental restoration, enhance water quality by reducing runoff from inefficient irrigation, increase local and regional climate resilience by reducing energy consumption associated importing water, provide green jobs to the City's at-risk youth residing in DACs, save money for residents of DACs by reducing their monthly water bills, and improve the property value of participating residents by implementing a more sustainable landscape at no cost to the homeowner.

*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.*

Funding from this grant opportunity will enable the City to offer the Program to the much needed DAC residents for the next two years. The City will start advertising for the Program upon award of this grant and will start the implementation of the Project on February 2022 and will end February 2024.

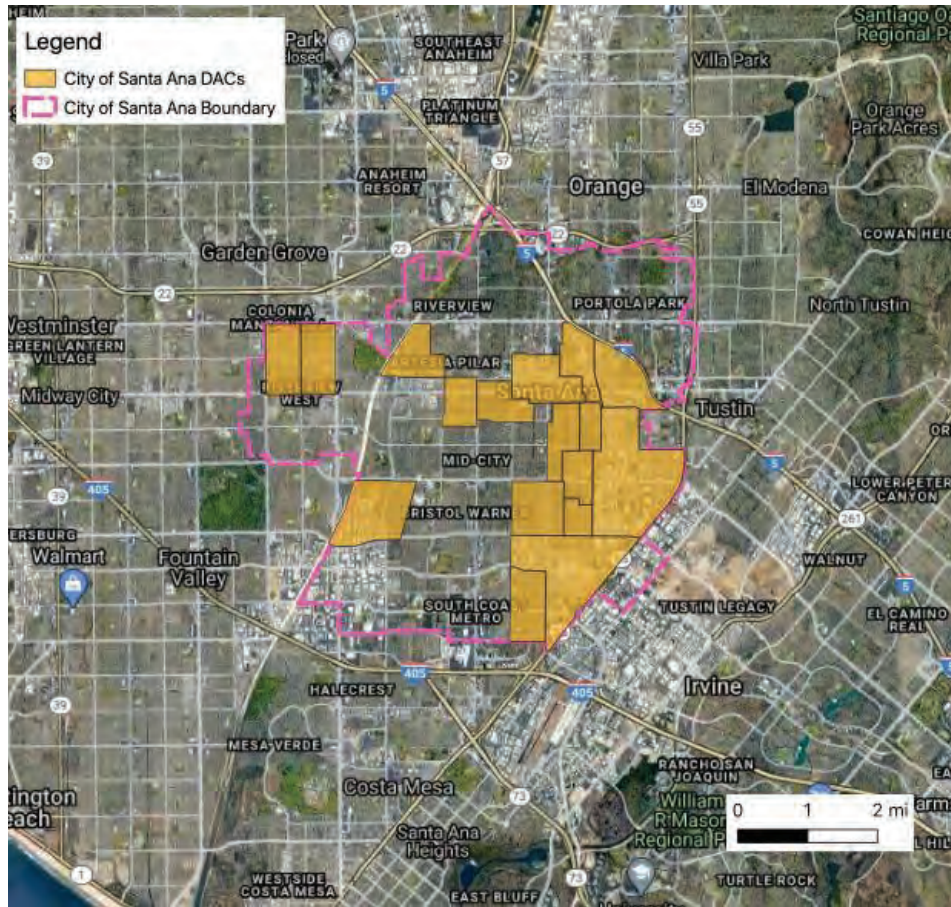
Project Location

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 Project will be located within the City of Santa Ana's DACs in Orange County, California, approximately 30 miles southeast of Los Angeles. The City of Santa Ana is bounded on the north by the Cities of Garden Grove and Orange, on the east by the Cities of Tustin and Irvine, on the south by the City of Costa Mesa, and on the west by the Cities of Westminster and Fountain Valley. The approximate Project latitude is 33°44'N and longitude is 117°52'W. Since the City does not know which DAC residents will enroll in the Program, please refer to Figure 1 for a map of all of the DACs within the City.



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. This description should provide detailed information about the project including materials and equipment and the work to be conducted to complete the project. This section provides an opportunity for the applicant to provide a clear description of the technical nature of the project and to address any aspect of the project that reviewers may need additional information to understand.

The City currently offers the Santa Ana Water Smart Landscapes Program to all City residents; however, the funding being sought by the City from Reclamation’s SWEP will be used to administer the Program exclusively to DACs. The Program is being targeted to DACs in particular because there have not been any participants from the DACs (33% of City’s population) in the prior programs due to the high upfront costs and lack of resources for turf and irrigation replacements. A large number of homes within the City’s DACs maintain turf lawns that are irrigated with outdated sprinkler systems. The Project will remove approximately 50,000 square feet (sq. ft.) of turf, remove the outdated irrigation infrastructure currently on the lawns, and



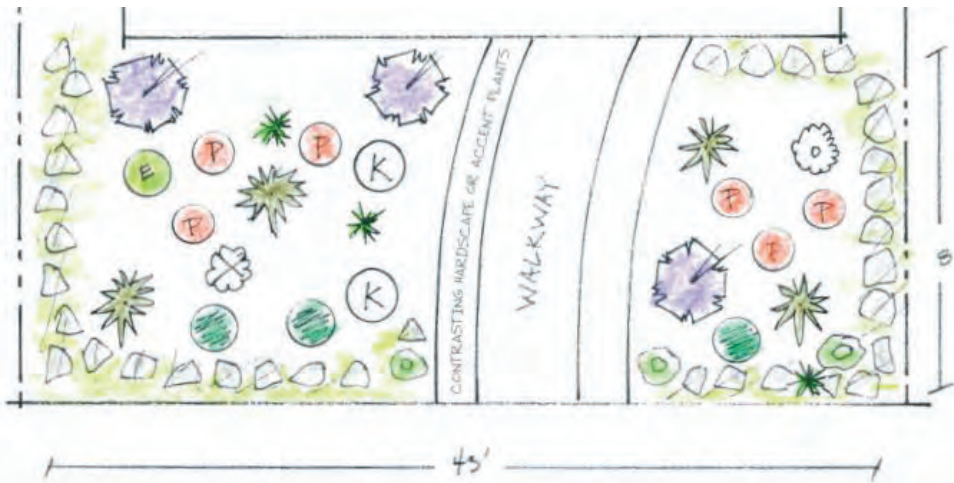
install drought tolerant plants and drip irrigation infrastructure. Although the Program involves installing drought tolerant plants, funding from SWEP will be used ONLY to remove turf, to procure and install the new efficient irrigation systems, and the managerial work related to those two tasks.

Replacing turf irrigated with outdated sprinkler systems with drought tolerant landscaping irrigated with high-efficiency irrigation systems is achieved through a multi-step process starting with extensive public outreach. The City of Santa Ana will advertise this Program by reaching out to the DAC community directly through the City's monthly Community Linkage Forum ([Com-Link](#)). If the pandemic situation eases, the City will perform in-person workshops too. The City will also mail flyers to addresses located within DACs, post this opportunity on its website and social media pages (Instagram, Facebook, Santa Ana Green newsletter, and Nixel.com), and install advertisements on bus shelters within the City.

Interested residents will be directed to contact the City through a web-link directing them to the Program's application page where they will be asked key introduction points (i.e. address, approx. sq. ft. of turf, etc.) for the City to perform a site visit. The purpose of the site visit will be to determine the eligibility of the applicant based on their location, and the current landscaping and irrigation methods used on their residential property. Once the applicant has been confirmed as a qualified participant in the Program, the applicant will be required to coordinate with the City for the landscaping renovation. The City will request the homeowner to select one of the pre-designed landscaping samples that utilize native and drought tolerant planting schemes. Four design samples from the Santa Ana Water Smart Landscapes Program have been prepared by a professional landscape architect hired by the City that are also posted [online](#). See Figure 2 below for a sample design drawing of one of the drought tolerant landscapes offered by the City. See Appendix A for the same sample design below with the associated plant descriptions. These design samples consider the most efficient elements for water conservation. Once the landscaping design has been completed, the City will begin the landscaping renovation process. All garden installations will include educational signage focused on the significance of water conservation, stormwater management, carbon capture, carbon dioxide (CO₂) reduction and habitat development.



Figure 2. Drought Tolerant Landscape Design Sample



The Project's labor components will be carried out by the California Conservation Corps (CCC) who hires local at-risk youth for various local conservation projects. The funding obtained from the SWEP will be used ONLY to assist the City in the removal of turf and for the procurement and installation of high-efficiency irrigation infrastructure. Specifically, the City will install a drip irrigation watering system and smart irrigation on every participating residential property. The contractual cost item located in Section 2: Project Budget reflects only the costs of the turf removal, efficient irrigation infrastructure procurement and installation costs, and the contractor's labor for those two tasks which is represented in combined cost per square foot (\$ per sq. ft.). Salaries, wages and fringe benefits are also included in the Project budget which represent the City's Project Manager's time and effort for those two tasks. All other components of the Program will be funded entirely by the City.

Lastly, participants will be required to sign an agreement ensuring they will maintain their newly installed landscaping for at least five years with support from the City staff members. The City will educate the homeowner on appropriate irrigation practices as well as provide information to set the drip irrigation control. The City will use billing history to determine overall water savings from the Program.



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 achieve a number of benefits for the City and the City's DACs which are;

- 1) Enhance the City's, the Orange County Groundwater Basin (OCGB)'s, and the southern California's overall drought tolerance, water efficiency and water supply reliability
- 2) Inform and educate the general public about water conservation and environmental restoration through educational signage at participating DAC residences
- 3) Reduce greenhouse gas emissions and energy consumption through the reduction of imported water
- 4) Provide job opportunities to the City's at-risk youth
- 5) Reduce water bills thereby providing economic opportunities for participating DAC residents
- 6) Improve property values for participating DAC residents by installing sustainable landscaping at no-cost to the homeowner

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

The Project will replace 50,000 sq. ft. of turf and will improve the associated irrigation infrastructure from sprinkler to drip irrigation. This will allow the City to conserve approximately 6.87 AFY or 34.35 AF for the first 5 years after the Project is completed. The water savings of 6.87 AFY was calculated using the [Environmental Protection Agency's Water Budget Tool](#). Reducing the City's water consumption would alleviate water demand burdens on the City's water supply and water supply delivery system allowing the City to utilize the conserved water for other beneficial uses in the future.

The City currently relies on a combination of local groundwater from the OCGB managed by the Orange County Water District (OCWD), as well as imported water from the Metropolitan Water District (MWD). MWD is a water wholesale provider who provides imported water to the City and twenty-six member 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). Although the City has been increasing utilization of its groundwater from OCWD, the City still significantly relies on imported water supplies from MWD. By converting 50,000 sq. ft. of turf to drought tolerant landscaping, the City will be able to conserve 6.87 AFY and 34.35 AF for the first 5 years after the Project is completed. additional water supplies which enhances the City's long-term water supply resiliency and reliability despite expected water supply and demand imbalances.



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

Extent to which the proposed project improves overall water supply reliability

The City receives potable water from two sources; imported water from MWD and groundwater from OCWD. MWD receives its water supplies from the Delta via the SWP and from the Colorado River via the CRA. Although the City has been exploring other water supply and conservation options, it is still heavily reliant on imported supplies from MWD. See Table 1 below for a chart showing the amount and source of water delivered to the City based on a 5-year average.

Table 1. City Water Supplies 5-Year Average

City of Santa Ana Water Supply Comparison (based on 5-year average)		
Water Supply Source	Annual Supply	% of Five-Year Average Annual Supply
Imported Water	9,087	27%
Local Supply (Groundwater)	24,428	73%
Total	33,515	100%

Category D4 drought is considered one of the most severe levels and exceptional droughts that corresponds to an area experiencing exceptional and widespread crop and pasture losses, fire risk and water shortages that result in water emergencies. U.S. Drought Monitor indicates (www.drought.gov) the longest duration of drought (D1-D4) in California (since 2000) lasted 376 weeks beginning on December 27, 2011 and ending on March 5th, 2019. The most intense period of drought was in July 2014 where D4 affected 58.41% of California land. California is currently going through an abnormally dry period. Temperatures in various part of the state has been at least 15 degrees above average temperature (June 2020). Any incremental increase in water savings will significantly help the City in its goal to increase water supply resiliency.

Additionally, as noted in the City’s 2015 [Urban Water Management Plan \(UWMP\)](#), the City’s population is projected to increase from 335,299 in 2015 to 343,766 by 2040 (page 2-2). The City’s total water demand is expected to increase from 37,007 AFY in 2015 to 40,036 AFY or over 8% by 2040 (page 2-8) thus increasing stress on the limited water supplies. Prolonged drought conditions with population and water demand increase will make water supply resiliency more and more valuable for the City.

Prolonged drought coupled with demand increase will put increased strain on the City’s water supplies and thus the City is taking proactive measures in reducing water waste in areas that have not been as responsive. The Project will replace 50,000 sq. ft. of turf and will improve the



associated irrigation infrastructure which will help the City conserve 6.87 AFY of its valuable water resources. This conserved water will ultimately provide the City, OCWD, and MWD increased operational flexibility of their water resources.

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

The Program itself 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, the City obtains its water supply from two sources: imported water from MWD and groundwater from the OCWD. The City of Santa Ana has been offering various conservation programs. However, as noted above, they have not seen much participation from the DACs on turf removal. This program will result in reduced water bills for DAC residents and will provide the incentive for the other DAC residents to participate. Ultimately, this will allow the City to gain additional water conservation.

Any incremental decrease in demand will ultimately benefit all member agencies of MWD and OCWD located throughout Orange County and the entire Southern California region.

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

The City is an active member of OCWD, MWD and has an ongoing collaboration with the other member agencies on water resources management projects to achieve local and regional conservation goals. Each of these water agencies has an interest in solving the growing water supply and demand imbalance from increasing drought conditions coupled with increasing demands. By offering the Program at no-cost to participating DAC residents the City and Reclamation would provide an opportunity for turf conversion in DACs which is normally very hard to achieve due to the high upfront cost. As the Project is implemented, the City will share data from this project with other water managers throughout the region in order to assist in creating innovative solutions for other landscape efficiency programs designed to address similar issues.

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

According to the [CalEnviroScreen 3.0](#) (CES) (the tool used to identify DACs), approximately 110,000 persons of the City's 332,000 residents live within a DAC which is nearly 33% of the population. Additionally, according to CES (data derived from the 2018 [American Communities Survey](#)) within the City's DACs, the weighted average poverty rate¹ (based on amount of population per census tract relative to total City DAC population) was nearly 60% meaning

¹ CES defines the poverty rate as the percent of the population living below two times the federal poverty level ([Update to the California Communities Environmental Health Screening Tool](#)).



nearly 66,000 people are living in poverty within the City's DACs. By increasing water conservation within DACs through the removal and replacement of turf and outdated irrigation infrastructure with drought tolerant plants and updated irrigation infrastructure at no cost to the DAC participants, participating DAC residents will be able to reduce their monthly water bills thus providing increased economic opportunity for communities where many members are living in poverty. Along with the benefits associated with water conservation and increased economic opportunity for DACs, the Project will also educate target communities on the benefits of environmental conservation, improve the City's overall climate resiliency, and provide jobs for the local economy.

In order to help educate the local community on the importance of environmental conservation, all drought-tolerant signage will include educational signage focused on the significance of water conservation, carbon capture, CO2 reduction and habitat development. This will not only assist in increasing enrollment in the Program but will also help the City in the implementation the its [Climate Action Plan](#) (CAP).

The Project will also promote climate resiliency which will ultimately benefit all sectors within the City of Santa Ana. The Project is explicitly mentioned as one of the measures to be adopted with the implementation of the CAP in order to bolster the City's climate resilience (page 65 of CAP). According to the CAP, the average residential customer spends about 60% of their water on outdoor irrigation. Turf removal will not only help the City conserve its finite water resources, but will also help reduce the associated electricity consumption by reducing the City's imported water rate.

The City of Santa Ana plans on utilizing the CCC to complete the labor portion of the Project. CCC is a State of California department that hires local youth for various conservation projects. The DAC youth within the City of Santa Ana face many challenges that restrict their ability to work such as poor educational opportunities, homelessness, legal concerns, and other hinderances. The Program will not only provide environmental benefits for the City but will also provide the City's DAC youth with job training, skill development, leadership training, and relationship building within the community.

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

The City prepared its Drought Action Plan in response to the prolonging drought and water shortages in Southern California in 2013. See Appendix B for a copy of the City’s Drought Action Plan (DAP). This plan provided both short and long term action items for water conservation measures that the City has been implementing since the DAP’s adoption. Turf removal rebate program, replacement of high efficiency sprinkler devices, and installation of weather-based irrigation controllers and soil moisture sensory systems are the third listed item under “Short-Term Action Items” after outreach for water conservation (page 4 of DAP) and the Program categorized under the top priority under “Long-Term City Action Items” (page 4 of DAP). Striving to meet these goals, the City removed turf from the medians in its arterial streets. The City also utilizes the water hotline that notifies the City of any overruns of landscape irrigations so staff could assist with mitigating the situation to stop water waste. This resulted in 200% increase in staff response as compared to prior years.

Also, as noted in the UWMP, the City is a member agency of the Metropolitan Water District of Orange County (MWDOC) that helped develop three trajectories for water conservation in the region identifying “aggressive turf removal program- 20 percent removal by 2040” as one of the aggressive water conservation measures using the 2015 demand projections as a baseline.

As per the City of Santa Ana’s [2015 UWMP](#), the City is working to implement water conservation measures mandated by the Water Conservation Act of 2009 (SBx7-7) that requires that all water suppliers increase their water use efficiency by reducing their urban water use by 20 percent by the year 2020. One of the measures detailed in SBx7-7 are Demand Management Measures (DMM) which are designed to reduce urban water demands through various methods. Section 4 of the UWMP details the DMMs the City is pursuing. While there are no specific projects listed, the Project will assist in reducing the impacts of Water Waste Prevention Ordinances (Ordinance No. NS-2877) on DAC residents. Specifically, the Project will assist with compliance under the requirements “No excessive flow or runoff”, “No watering during or within 48 hours of measurable rain fall” and “Limit on irrigation with potable water of landscapes outside of new construction” (page 4-1 of UWMP). Replacing outdated irrigation infrastructure directly addresses the first and last requirements by eliminating excess flow or runoff that typically occurs with older irrigation methods and limits irrigation to only what is needed for the newly installed drought tolerant landscaping. Additionally, although drought tolerant landscaping and procurement will not be directly funded with SWEP funding, implementing drought tolerant landscapes will eliminate the need to irrigate after measurable rain fall. The drought tolerant plants that make up the landscapes are naturally designed to be sustained primarily with natural water sources like local rainfall and require little to no supplemental irrigation.



In addition to City's water conservation efforts, the City is also in pursuit of implementing climate action measures which are detailed in the [City's CAP](#). The purpose of the CAP is to outline and implement the City's commitment to optimizing energy consumption, reducing utility and transportation costs to its residents and businesses, improving the overall local and regional environment, and reducing carbon pollution. Section 3 of the CAP identifies the climate action plan measures that will be adopted in order to achieve the goals outlined in the CAP. Turf grass is identified as one of the most water intensive plants in a landscape responsible for about 60% of the outdoor irrigation water use (page 65 of CAP). Turf removal is one of the recommended community wide measures with immediate implementation under the Solid Waste, Water, and Wastewater section.

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

As it is demonstrated above, the proposed Program has been identified by several local and regional management plans as one of the most effective measures for water conservation.

The Project has been determined a priority project in both SB7x-7 and the City's CAP due to the effective implementation, the immediate benefits upon turf removal, and the economic benefits to City residents. Identifying the high water consumption of the outdoor water irrigation, City has adopted tiered billing as an added incentive.

The City has been proactive in implementation of the turf replacement and has provided the Program to all residents in the City since 2008. The City has investigated and found the high upfront costs as a barrier and therefore, has been investigating a successful model for implementation of the Program in the DACs. This model has a proven track record in the neighboring communities and while it requires a lot of monetary commitment from the City, it results in substantial water savings and a sustainable program supported by the continuous educational support by the City. The City is ready to expand the Program once funding is obtained.

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 on-going and implementation in the DACs will be imminent once funding is obtained. The first step in the Project implementation process will be to reach out to DAC residents by reaching out to the DAC communities through the City's Community Linkage Forum ([Com-Link](#)), posting on the City's website and social media pages (Instagram, Facebook,



Santa Ana Green newsletter, and Nixel.com), mailing flyers to addresses located within DACs, and installing advertisements on bus shelters within the City. City personnel will coordinate site visits with eligible applicants. The City will request the eligible homeowners to select one of the pre-designed landscaping samples that utilize native and drought tolerant planting schemes. The City will then begin the landscaping renovation process. It is expected that 50% of the Project participants will be enrolled in the first 12 months and the remaining 50% will be enrolled over a subsequent 10 month period. Once the Project is implemented, the City will submit progress and final reports on the outcome of the Program which will quantify the water and monetary savings. Table 2 below provides more detail on the Project schedule and milestones.

Table 2. Project Schedule

Project Stage	Duration	Milestones	Start Date	Completion Date
Funding Award	On-Going	<ul style="list-style-type: none"> Public Outreach 	Fall 2021	Pending Funding Availability
Phase 1: Pre-Installation	20 Months	<ul style="list-style-type: none"> Application Review & Approval Pre-Installation Site Visits 	February 2022	October 2023
Phase 2: Installation	22 Months	<ul style="list-style-type: none"> 50% installed in first 12 months 100% installed in remaining 10 months 	February 2022	December 2023
Phase 3: Post-Installation	22 Months	<ul style="list-style-type: none"> Phase 3 occurs simultaneously with Phase 2 Post-installation site visits Verification of successful project completion 	March 2022	January 2024
Phase 4: Monitor and Support	1 Month	<ul style="list-style-type: none"> Submit progress & final report Monitor water savings 	January 2024	February 2024

Describe any permits that will be required, along with the process for obtaining such permits.
There are no permit requirements for this project.

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

All the preliminary work and preparation of sample designs have been completed. There will not be any engineering or design work performed 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 needed 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?

There is no environmental or cultural compliance needed for this project, however, City will prepare a CEQA Categorical Exemption as required by Reclamation. The City understands that Reclamation office will issue a NEPA Categorical Exclusion for this project.

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

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

The Project is connected to a Reclamation activity in that it implements water conservation measures as identified in the Reclamation Reform Act of 1982. Although, the City does receive water directly from a Reclamation project, the City does receive water from MWD who utilizes Reclamation's Parker Dam in order to divert water from the Colorado River via the CRA to its Southern California member agencies. Therefore increasing water conservation within the City will ultimately contribute to water supply conservation within the Colorado River and support the Reclamation Reform Act of 1982.

If so, how? Please consider the following:

Does the applicant receive Reclamation project water?

The City receives water from MWD who relies on various Reclamation projects to supply water to its member agencies. The most known Reclamation project that assists MWD is the Parker Dam which enables MWD to divert Colorado River water from Lake Havasu to its Southern California service area via the CRA.

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?

The City of Santa Ana does not receive Reclamation project water directly, however, MWD delivers water to its customers with the assistance of various Reclamation projects. For example, MWD diverts water from the Colorado River from Lake Havasu which is controlled and monitored by the Parker Dam, a Reclamation project.

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

Reducing the City's annual water consumption by 6.87 AFY will allow to City to reduce its imported water from MWD by the same amount. This will allow additional water to be available in the Colorado River basin.



Will the project benefit any tribe(s)?

The proposed project will not benefit tribes directly. However, reducing water demands will allow the City to reduce its imported water demands from MWD via the SWP and CRA. By reducing imported water demands, the City 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.

The City will provide all of its required cost share for this portion of the Project in the form of monetary contributions. The sources of funds for the contributions are from the City’s Water Enterprise Fund. A draft Resolution to be adopted by the City Council of the City of Santa Ana on April 6, 2021 is located in Section 6.

Project funding provided by a source other than the applicant shall be supported with letters of commitment from these additional sources. Letters of commitment shall identify the following elements:

Table 3. Source of Project Funding

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal funding	\$75,000
Costs to be paid by the applicant	\$92,202
Value of third-party contributions	\$0
Totals	\$167,202

Table 4. Project Funding Cost Share Percentage

FUNDING SOURCES	AMOUNT	% of Project Cost
Non-Federal Entities		
City of Santa Ana	\$92,202	55.1%*
Non-Federal Subtotal	\$92,202	55.1%
Other Federal Entities		
None	\$0	0%
Other Federal Subtotal	\$0	0%
REQUESTED RECLAMATION FUNDING	\$75,000	44.9%

* Considering the entire cost of the Program (~\$10 per sq. ft.), the City’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		
Salaries and Wages				\$14,812
Robert Hernandez (Project Manager)	\$47.48	312	Hours	\$14,812
Fringe Benefits				\$1,390
Robert Hernandez (Project Manager)	\$4.45	312	Hours	\$1,390
Travel				
Not applicable				
Equipment				
(Included in Construction Contractor)				
Supplies and Materials				
Not Applicable.				
Construction Contractor				\$150,000
Turf Removal and Irrigation Installation	\$3	50,000	Sq. Ft.	\$150,000
Total Direct Costs				\$166,202
Indirect Costs				\$1,000
NEPA Compliance	\$1,000	1	LS	\$1,000
Total Estimated Project Costs				\$167,202



Budget Narrative

Salaries and Wages & Fringe Benefits

The Program Manager for this project will be Robert Hernandez (who is the Water Services Quality Supervisor at the City) throughout the Project implementation. He will be supported by City personnel on an as-needed basis. Robert's hourly wage is \$47.48 and fringe benefits are \$4.45. It is assumed that he will work 4 hours per week for the entire 2-year duration of the Project (312 hours).

Travel

N/A

Equipment

N/A

Materials and Supplies

N/A

Contractual

City's will use CCC to perform all labor for the Project including the turf removal and irrigation installation. The estimated cost for the proposed project using the funding from this grant application is estimated at \$3 per square foot.

Third-Party In-Kind Contributions

N/A

Other Expenses

N/A

Indirect Costs

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



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 consists of removing turf from residential homes within DACs and upgrading the irrigation infrastructure for the homes that participate in the Program. Since this project will occur only on existing residential properties where the land was already disturbed from previous landscaping, the Project will not result in any significant environmental impacts.

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 City was, for many years, a ranching community with some farming. To serve this growing agricultural and domestic community, a municipal water system was formed in 1886. The system has grown substantially since then with new components added over the years and regular maintenance performed.

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 not result in any modification of individual features of the City's irrigation system. The only modifications to irrigation systems will be to residents who participate in the Program.



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 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?

There are no known archeological sites in the Project area.

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

The Project will specifically benefit low income and/or minority populations in that it will only be offered to residents within DACs. The Project is designed to reduce outdoor water usage in DACs while also providing financial relief in the form of reduced monthly water bills. This monthly cost savings will 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?

The Project will not have any impacts on sacred sites or 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 Project will not contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species.



SECTION 4: REQUIRED PERMITS OR APPROVALS

There are no permit requirements or other approvals needed for this project.



SECTION 5: LETTERS OF PROJECT SUPPORT

There were no letters of support for the Project received at the time of submission of this application.



SECTION 6: OFFICIAL RESOLUTION

The below draft resolution is scheduled for adoption on April 6, 2021.

jmf 3/10/21

RESOLUTION NO. 2021-XXX

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA ANA AUTHORIZING AN APPLICATION FOR GRANT FUNDING FROM THE BUREAU OF RECLAMATION'S WATERSMART SMALL-SCALE WATER EFFICIENCY GRANTS FOR THE SANTA ANA LANDSCAPE TRANSFORMATION PROGRAM

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SANTA ANA AS FOLLOWS:

Section 1. The City Council of the City of Santa Ana hereby finds, determines and declares as follows:

A. The City of Santa Ana will offer financial assistance for turf removal and irrigation improvements for Senate Bill 535 identified Disadvantaged Communities (DACs) within the Santa Ana Landscape Transformation Program.

B. A combination of subsidies for turf removal, installation of low water usage plants, and low water use irrigation systems will be offered to the willing participants.

C. The United States Department of the Interior offers financial assistance in the form of grant funding through its Bureau of Reclamation's WaterSMART (Sustain and Manage America's Resources for Tomorrow) Small-Scale Water Efficiency Project Grants (SWEP) for this type of project. This program provides up to \$75,000 in funding for projects that provide small-scale water efficiency.

D. The City of Santa Ana desires to fund part of the cost of the Santa Ana Landscape Transformation Program with grant funding from the Bureau of Reclamation's WaterSMART SWEP program in the amount of \$75,000.

Section 2. The City Council of the City of Santa Ana hereby authorizes and directs the Executive Director of Public Works, or his or her designee, to complete, review, sign and submit, for and on behalf of the City of Santa Ana, a grant application for the Bureau of Reclamation's WaterSMART SWEP Program for the Santa Ana Landscape Transformation Program in the amount of \$75,000.

Section 3. The City Council of the City of Santa Ana hereby designates the Executive Director of Public Works, or his or her designee to provide the assurances, certifications, and commitments required for the grant application, including executing a financial assistance or similar agreement with the Bureau of Reclamation within established deadlines and any amendments or changes thereto.

Section 4. The Executive Director of Public Works, or his or her designee, is designated to represent the City of Santa Ana in carrying out the City's responsibilities



under the grant agreement, including certifying disbursement requests on behalf of the City and compliance with applicable state and federal laws.

Section 5. If a grant award is made by the Bureau of Reclamation, the City of Santa Ana commits to providing a minimum of 100% in matching funds (\$75,000) for the project, and up to the balance of funds needed to complete the construction of the project.

Section 6. This Resolution shall take effect immediately upon its adoption by the City Council, and the Clerk of the Council shall attest to and certify the vote adopting this Resolution.

ADOPTED this ____ day of _____, 2021.

Vicente Sarmiento
Mayor

APPROVED AS TO FORM:
Sonia R. Carvalho, City Attorney

By: _____
John M. Funk
Sr. Assistant City Attorney

AYES: Councilmembers _____

NOES: Councilmembers _____

ABSTAIN: Councilmembers _____

NOT PRESENT: Councilmembers _____

CERTIFICATE OF ATTESTATION AND ORIGINALITY

I, DAISY GOMEZ, Clerk of the Council, do hereby certify the attached Resolution No. 2021 - ____ to be the original resolution adopted by the City Council of the City of Santa Ana on _____, 2021.

Date: _____

Clerk of the Council
City of Santa Ana



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

SANTA ANA, CITY OF

Status: Active

Your registration was activated on Feb 18, 2021. It expires on Feb 12, 2022 which is one year after you submitted it for processing.

Core Data	Assertions	Reps & Certs	POCs	Submit	Processing	Active
Completed	Completed	Completed	Completed	Completed	Completed	Completed



APPENDICES

Appendix A – Santa Ana Water Smart Landscape Plan - Design #3

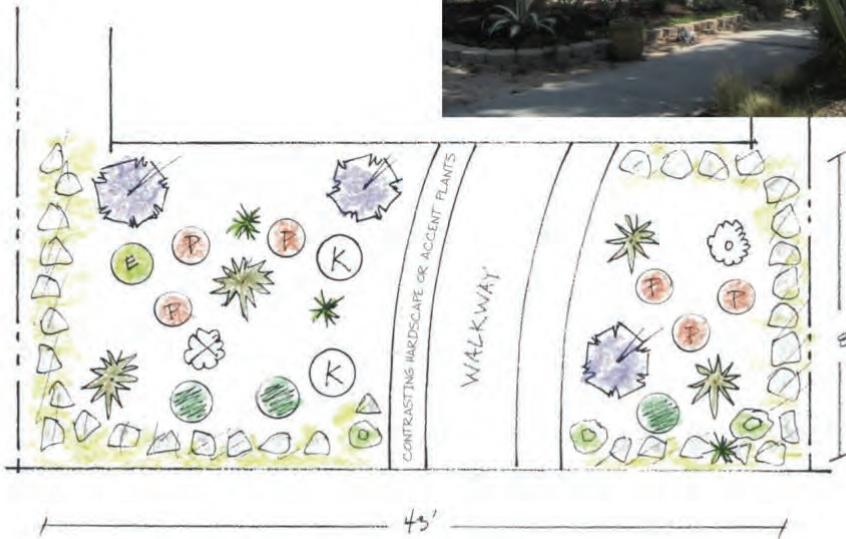
Appendix B – Santa Ana Drought Action Plan



Appendix A - Santa Ana Water Smart Landscape Plan - Design #3



Santa Ana Water Smart Landscape Plan - Design #3



SHRUBS	COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
	Mexican Bush Sage	Salvia leucantha	5 gallon	3
SUCCULENTS				
	Striped Century Plant	Agave americana 'Mediopicta Alba'	5 gallon	4
	Crowns of Thorns	Euphorbia milii	5 gallon	3
	Milk Bush/Pencil Bush	Euphorbia tirucalli	5 gallon	1
	Coral Aloe	Aloe striata	5 gallon	3
	Jade Plant	Crassula ovata	5 gallon	1
	Silver Jade	Crassula arborescens	5 gallon	1
	Ghost Plant	Graptopetalum pataguayense	5 gallon	2
PERENNIALS & GRASSES				
	Sea Lavender	Limonium perezii	1 gallon	3
ANNUALS				
	California Poppy	Eschscholzia californica	seed pkg	2
GROUND COVER				
	Flagstone with Dymondia between stones	Dymondia margaretae		



Appendix B – Santa Ana Drought Action Plan

CITY OF SANTA ANA DROUGHT ACTION PLAN

Deepening drought conditions in California called for Governor Brown to issue an executive order earlier this year to reduce statewide water use by 25 percent from 2013 levels. The State Water Resources Control Board followed the executive order with expanded emergency regulations to safeguard the state's remaining water supplies. The City of Santa Ana has been under a **Phase 2 Water Supply Shortage Emergency** since the City Council's approval of Resolution No. 2015-025 (June 2, 2015). By this resolution, the City Council declared that a water shortage exists throughout the area served by the City of Santa Ana Water Resources Division and ordered that water customers must reduce their monthly total potable water consumption by **12%**, using 2013 as the base year. The Phase 2 Water Supply Shortage Resolution implements additional regulations and restrictions on the delivery of the water and the consumption within the City of water supplied for public use with the goal of conserving water supply for the greatest public benefit with particular regard to domestic use, sanitation, and fire protection.

The City of Santa Ana Water Resources Division has prepared the following Drought Action to assist in the meeting of the state's mandatory 12% reduction in water use. The following recommended Drought Action Plan summarizes: the reason for the state's mandatory reduction in water use; the permanent water conservation requirements found in Section 39-106 of the Santa Ana Municipal Code; the mandatory water requirements that apply during a declared **Phase 2 Water Supply Shortage**; and the additional short term and long term City action items being recommended to be implemented by the City of Santa Ana.

DROUGHT ACTION PLAN

Due to the following, the City of Santa Ana has established a Drought Action Plan to meet the state's mandatory 12% reduction in water use:

- A. The State of California is in its fourth year of severe drought conditions.
- B. On April 1, 2015, Governor Jerry Brown issued an executive order to cities and towns across California to cut water use by 25% as part of a sweeping set of mandatory drought restrictions, the first in state history.
- C. On April 1, 2015, State water officials measured the lowest April 1 snowpack in more than 60 years of record-keeping in the Sierra Nevada.
- D. On April 14, 2015, the Governing Board of the Metropolitan Water District ("MWD") took action to reduce water deliveries to its member agencies, including the City of Santa Ana, effective July 1, 2015.
- E. Because of the action taken by the MWD, beginning July 1, 2015, the City's water deliveries will be reduced by 15%.
- F. The MWD action also includes heavy surcharges for member agencies that exceed their allocations. The surcharge will be roughly four times the normal price of an acre foot of water for use beyond the allocated amount.



- G. The State of California’s Drought Emergency Water Conservation regulations provide that the City of Santa Ana must reduce its monthly total potable water production by **12%**, using 2013 as the base year.
- H. On May 19, 2015, the City Council amended Chapter 39, Article VI of the Santa Ana Municipal Code’s to include “Water Shortage Contingency Plan”. Pursuant to Santa Ana Municipal Code section 39-105 and Water Code sections 350 and 353, the City Council shall adopt such regulations and restriction on the delivery of water and the consumption within said area of water supplied for public use as will in the sound discretion of the Council conserve the water supply for the greatest public benefit with particular regard to domestic use, sanitation, and fire protection.
- I. By Resolution No. 2015-025, the City Council of Santa Ana declared that a water shortage now exists through the area served by the City of Santa Ana Water Resources Division and is ordering that water customers must reduce their monthly total potable water consumption by **12%**, using 2013 as the base year; and pursuant to Santa Ana Municipal Code section 39-105, the City Council declared a **Phase 2 Water Supply Shortage** that implements additional regulations and restrictions on the delivery of water and the consumption within said area of water supplied for public use as will conserve the water supply for the greatest public benefit with particular regard to domestic use, sanitation, and fire protection.

The following is the recommended City of Santa Ana *Drought Action Plan*, based on the **Phase 2 Water Supply Shortage**:

Per Section 39-106 of the Santa Ana Municipal Code, the following water conservation requirements are effective at all times and are permanent (these requirements are found in section 39-106 of the Santa Ana Municipal Code and are repeated here for convenience):

- (1) Washing down sidewalks, walkways, driveways, parking areas or other paved surfaces, except as is required to dispose of dangerous liquids or alleviate safety or sanitary hazards and then only by use of a hand-held bucket, or hand-held hose equipped with a positive self-closing water shut-off device is prohibited.
- (2) The use of water to clean, fill or maintain levels in decorative fountains, ponds, lakes or other similar aesthetic structures unless such water is part of a recirculating system is prohibited.
- (3) No restaurant, hotel, café, cafeteria or other public place where food is sold, served or offered for sale shall serve drinking water to any customer unless expressly requested.
- (4) Using water to wash or clean a vehicle, including but not limited to any automobile, truck, van, bus, motorcycle, boat or trailer, is prohibited, except by use of a hand-held bucket or hand-held hose equipped with a positive self-closing water shut-off nozzle or device.
- (5) Hotels, motels and other commercial lodging establishments must provide customers the option of not having towels and linen laundered daily. Commercial lodging establishments must prominently display notice of this option in each bathroom using clean and easily understood language.



- (6) Food preparation establishments such as restaurants or cafes, are prohibited from using non-water conserving dish wash spray valves.
- (7) Watering or irrigating of any lawn, landscape or other vegetated area in a manner that causes or allows excessive water flow or runoff onto an adjoining sidewalk, driveway, street, alley gutter or ditch is prohibited.
- (8) The use of water to irrigate outdoor landscapes during or within 48 hours after measurable rainfall is prohibited.
- (9) The irrigation with potable water of ornamental turf on public street medians is prohibited.
- (10) The irrigation with potable water outside of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development is prohibited (must be delivered by drip or micro-spray systems).

Per Section 39-108 of the Santa Ana Municipal Code, the following mandatory water conservation requirements apply during a declared **Phase 2 Water Supply Shortage**. These requirements are found in section 39-108 of the Santa Ana Municipal Code and are repeated here for convenience:

- (1) Watering lawn, landscape or other turf area shall be modified to prohibit watering more often than two days per week or Monday and Thursday. Such areas shall only be watered between the hours of 6:00 p.m. and 6:00 a.m. This provision shall not apply to commercial nurseries and golf courses.
- (2) It is prohibited to water lawn, landscape or other turf areas of commercial nurseries or golf courses more often than every other day and watering shall only occur between the hours of 6:00 p.m. and 6:00 a.m. There shall be no restriction on watering utilizing reclaimed water.
- (3) It is prohibited to use water from fire hydrants except for firefighting and related activities. Other uses for municipal purposes shall be limited to activities necessary to maintain the public health, safety and welfare.
- (4) No customer shall make, cause, use or permit the use of water for any purpose in excess of the applicable percentage of the amount used in the customer's premises during the corresponding billing period of the base year as set by the City Council, such percentage to be determined by City Council and set forth in the resolution declaring Phase 2 water supply shortage. This percentage has been set at 12%. There shall be no restriction on the use of reclaimed water under this provision.
- (5) All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system must be repaired within forty-eight (48) hours of notification by the City, unless other arrangements are made with the City.
- (6) Re-filling of more than one foot and initial filling of residential swimming pools or outdoor spas with potable water is prohibited.



In addition to the permanent water conservation requirements and the Phase 2 requirements stated above, the City's Drought Action plan includes the implementation of following action items:

Short Term Action Items

1. Intensify Drought Outreach Campaign: media relations (press releases & news articles); bill inserts; website and social media; outdoor advertising; education programs; community and school events; and business outreach programs.
2. Focus outreach campaign on identified areas within the City with higher outdoor irrigation usage. This will include performing community outreach efforts to discuss the importance of water conservation and help customers convert to more efficient irrigation systems.
3. Continue to support and promote water conservation incentive programs: turf removal rebate program; MWD BeWaterWise program, and SoCal WaterSmart program (high-efficiency clothes washers and toilets, rotating sprinkler nozzles, weather-based irrigation controllers, soil moisture sensory systems, rain barrels, etc.). This includes providing staff resources to assist in and speed up various rebate programs. See Santa Ana's Water Conservation Page at santa-ana.org/waterconservation/.
4. Continue implementation of Water Wasting Reporting Program (Water Hotline, e-mail at conservewater@santa-ana.org, or use City MySantaAna smart phone app).
5. Continue enforcement: water wasting violations and pending violation of 12% use reduction.
6. Specific short term action plans to be implemented by the City and City Departments:
 - Upgrade the City Corporation Yard car wash;
 - Reduce watering in passive areas of parks, continue watering active areas (sports fields);
 - Amend the Zoning Code to update the City's Water Efficient Landscape Standards;
 - Continue to update and amend the Citywide Design Guidelines to reflect the new water efficient technologies; and
 - Upgrade the Planning Division webpage to provide examples of drought tolerant landscaping and water efficient water systems;

Long Term City Action Items

1. Implement a lawn replacement program (replace with drought tolerant plants) at all City Water Production Facilities.
2. Remove ornamental turf on all street medians and replace with drought tolerant planting, gravel or other water efficient landscapes.
3. Within city parks and facilities, remove grass where possible and install drought tolerant plants or install synthetic turf, where feasible.
4. At City parks, install master control valves, flow and moisture sensors, and weather-based irrigation controllers.



5. Within City buildings and facilities, continue the replacement of plumbing fixtures (toilet and sink valves) with low water use (water efficient) fixtures.
6. Convert large water irrigation customer's old meters to AMI meters (which allow real-time monitoring of water use for precise irrigation practices).
7. Continue the feasibility study for City-wide AMI meter replacement implementation program.
8. Conduct recycled water feasibility study in conjunction with OCWD.

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"/>
* 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: <input type="text" value="City of Santa Ana"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="95-6000785"/>	* c. Organizational DUNS: <input type="text" value="0831532470000"/>	
d. Address:		
* Street1: <input type="text" value="220 S. Daisy Ave"/>	Street2: <input type="text"/>	
* City: <input type="text" value="Santa Ana"/>	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="92703-9000"/>	
e. Organizational Unit:		
Department Name: <input type="text" value="Public Works Agency"/>	Division Name: <input type="text"/>	
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: <input type="text" value="Mr."/>	* First Name: <input type="text" value="Nabil"/>	
Middle Name: <input type="text"/>	* Last Name: <input type="text" value="Saba"/>	
Suffix: <input type="text"/>	Title: <input type="text" value="Executive Director"/>	
Organizational Affiliation: <input type="text"/>		
* Telephone Number: <input type="text" value="714-647-5690"/>	Fax Number: <input type="text"/>	
* Email: <input type="text" value="nsaba@santa-ana.org"/>		

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:**

Bureau of Reclamation

11. Catalog of Federal Domestic Assistance Number:

15.507

CFDA Title:

WaterSMART

*** 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:**

Landscape Transformation Program

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.

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="92,202.00"/>
* 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="167,202.00"/>

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

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

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

Yes No

If "Yes", provide explanation and attach

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

** I AGREE

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

Authorized Representative:

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

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative:

* Date Signed:

ASSURANCES - 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 Executive Director
APPLICANT ORGANIZATION City of Santa Ana	DATE SUBMITTED 3/17/2021

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

1. * Type of Federal Action: <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	2. * Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input checked="" type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. * Report Type: <input checked="" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change
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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:

6. * Federal Department/Agency: <input type="text" value="U.S. Bureau of Reclamation"/>	7. * Federal Program Name/Description: <input type="text" value="WaterSMART Grants: Small-Scale Water Efficiency Projects FY2021"/> CFDA Number, if applicable: <input type="text" value="15.507"/>
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8. Federal Action Number, if known: <input type="text"/>	9. Award Amount, if known: \$ <input type="text" value="75,000.00"/>
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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: