



— BUREAU OF —  
RECLAMATION



## City of Hemet: Landscape Irrigation Controller Rebate Program

FY22 WaterSMART: Small-Scale Water Efficiency Projects

City of Hemet, California

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## Executive Summary

**Date:** April 27, 2022

**Applicant Name:** City of Hemet, California

**City, County, State:** Riverside County, California

**Applicant Category:** Category A – Local Government with Water Delivery Authority

### Project Summary

The City of Hemet, located in the San Jacinto Valley of Southern California, seeks funding to support outdoor water conservation through irrigation efficiency measures. The proposed project develops a rebate program to incentivize residential and commercial properties to install weather-based irrigation controllers (WBICs). Approximately 30 percent of all potable water consumption is used to irrigate ornamental landscapes, and 50 percent or more of that water is wasted due to inefficient application methods, making this project a priority conservation strategy for the city. This program is identified in the City's 2022 Water Conservation Plan and other measures captured in recent updates to the City code. The City anticipates an annual water savings of 12.58 AF resulting from the installation of WBICs at 520 properties.

### Project Timeline

Assuming a project start date of March 31, 2023, the estimated project period is 24 months, with an anticipated completion date of March 31, 2025.

### Project Location on Federal Facility

The proposed project is not located in a federal facility.

## Project Location

Hemet is a city located in the San Jacinto Valley in Riverside County, California. It covers a total area of 27.8 square miles, about half of the valley, which it shares with the neighboring City of San Jacinto. Hemet is located at 33°44'31"N 116°58'59"W (33.742001, -116.983068). The City's water service area covers 5.25 miles, approximately 19 percent of the City's municipal boundaries. The water service area generally extends from Menlo Avenue on the north to Stetson Avenue on the south and from Sanderson Avenue on the west to San Jacinto Street on the east. The population within the water service is an estimated 30,433 and is projected to grow to 33,386 by 2045.<sup>1</sup> The City has 8,814 residential connections and 161 commercial connections. The proposed Rebate Program will be offered on a first come-first-serve basis to 500 residential and 20 commercial water customers in the City's 5.25 square mile water boundary service area.

The City's water supply sources include groundwater pumped from the San Jacinto Basin and treated, imported water purchased from the Metropolitan Water District (MWD) of Southern

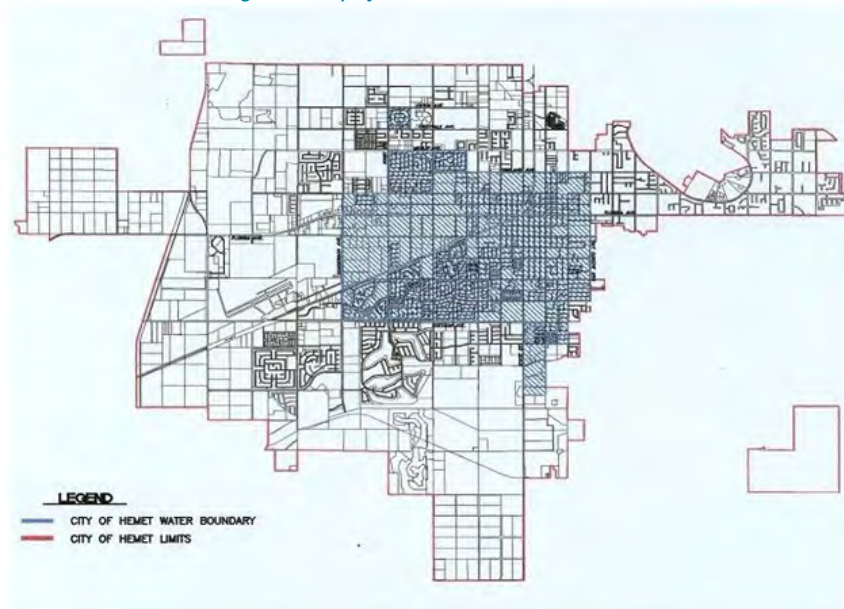
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<sup>1</sup> City of Hemet, [2020 Urban Water Management Plan](#), page 3-1.

California through the Eastern Municipal Water District (EMWD). The City's main source of water supply is groundwater pumped from the San Jacinto Basin. The City's three active wells (Wells 2A, 10A, and 12) produce groundwater from the San Jacinto Basin which covers an area of approximately 60 square miles. The San Jacinto Basin is drained by the San Jacinto River and is recharged by surface runoff from adjacent mountains and hills, by rainfall directly on the valley floor, and by return flow from water applied from overlying uses. The San Jacinto Basin serves as a natural storage reservoir and filtering system for wells constructed therein. In addition, the San Jacinto Basin has a Groundwater Replenishment Program which uses untreated imported water to recharge the San Jacinto Basin.

The City's total water demands over the past 10 years have ranged from 3,636 AFY to 4,539 AFY, with an average of 4,052-acre feet per year (AFY).<sup>2</sup>

*Figure 1. City of Hemet Water Service Area*



## Technical Project Description

As a State of California Department of Water Resources (DWR) defined urban retail water supplier, the City of Hemet is subject to current and future regulations under the 2017 legislative framework "Making Water Conservation a California Way of Life" (SB 606 and AB 1668). This includes the primary goals of using water more wisely and eliminating water waste. The purpose of this project aims to target outdoor water waste resulting from poor landscape water management at residential and commercial properties. Typical of urban environments, runoff from overwatered landscape flows into gutters daily because homeowners lack the necessary knowledge about plant watering requirements and how to efficiently operate an irrigation system. According to the United States Environmental Protection Agency (EPA),

<sup>2</sup> City of Hemet, [2020 Urban Water Management Plan](#), page 4-1.

properties devote as much as 30 percent of their water use to keeping plants and turf healthy.<sup>3</sup> Further, it is estimated that as much as 50 percent of this water is wasted due to overwatering caused by inefficiencies in irrigation methods and systems.<sup>4</sup>

The proposed program provides rebates to residents and commercial property owners with existing irrigation systems to upgrade to a Weather Based Irrigation Controller (WBIC). WBICs are designed to reduce water waste outdoors while keeping landscapes healthy and are an option for homeowners and businesses to achieve water-efficient irrigation scheduling. By using local weather data and landscape conditions to tailor watering schedules, weather-based irrigation controllers determine when and how much to water. The City anticipates providing rebates to 500 residential properties and 20 commercial properties. Residential rebates will be available for up to \$200 per property, while commercial rebates will be available for up to \$4,000. The City will encourage residents to consider purchasing EPA-identified WaterSense verified WBICs.

Steps the City will take to implement the proposed rebate program are outlined below:

**Council Acceptance of Grant:** While the City Council passed a resolution in support of the grant application, City rules dictate that Council must ratify to accept grant awards. Hemet's City Council meets on the 2<sup>nd</sup> and 4<sup>th</sup> Tuesday of the month and the City will be able to quickly secure the required approval.

**Develop and Update Marketing Materials:** The City has the internal staffing capacity to produce marketing materials and continually update them throughout the project period. The City will develop website information, social media content, as well as flyers and post-cards, to raise awareness.

**Advertise Program:** The City will utilize its website and social media platforms to ensure community members are aware of the rebate opportunity. When possible, City staff will highlight the availability of the rebate program at community or Council meetings and events and engage the assistance of community organizations to assist with residential and commercial property owner engagement in the rebate program. The City will also include a statement on monthly water bills as a reminder to its customers that a rebate program is available, how to learn more about the program, and to indicate how much remaining funding is available.

**Approve Rebate Applications:** The City will develop a rebate application form that customers must complete to receive a rebate. At a minimum, the application will include:

- Contact Information for the property/business owner
- Property Address

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<sup>3</sup> EPA, [A Water-Smart Solution for Large Landscapes](#).

<sup>4</sup> Ibid.

- Type of WBIC Installed
- Original receipt for WBIC purchased
- Turn-over of old Irrigation Controller to City
- Customer agreement to randomized spot checks to verify the installation

Residents will be able to download the rebate application online; however, individuals will need to submit applications in-person to receive approval. To process Rebates, checks will be issued to residents/business owners who participate in the program. Checks will be processed every two weeks.

**Monitor and Project Close Out:** The City of Hemet has a fully Advanced Metering Infrastructure (AMI) meter system, which allows both the City and its customers to accurately track water consumption with real time data, alerts, and analytics. The City will be able to leverage its AMI meter system, to track before-and-after water use at each property that participates in the rebate program, to accurately quantify water savings because of the irrigation controllers installed. The City will also perform randomized spot checks on participating rebate properties to ensure the controllers are being used properly and conservation benefits are being realized. After monitoring the water consumption behavior of rebate participants pre-and post-WBIC installation, if water demand does not decrease, the City will deploy a water conservation specialist to the residence/business to ensure the controller was installed properly and to review conservation tips. The City currently provided “Water Conservation Kits” to residents upon request and will bring existing kits to spot checks. The “Water Conservation Kits” include items like low-flow showerheads, kitchen and bathroom faucet aerators, etc. The City has dedicated staff to assist in delivering the progress and final project reports, as required by USBR.

## Evaluation Criteria

### Evaluation Criterion A – Project Benefits

The proposed rebate project will result in multiple project benefits outlined below:

**Conservation and water supply reliability:** The City receives water supplies from the San Jacinto Basin which is actively managed by the Hemet-San Jacinto Watermaster. Each year, the Hemet-San Jacinto Watermaster reviews water supply conditions including local rainfall, groundwater levels, local stormwater runoff available for replenishment, imported water availability, and the amount of imported water stored in the groundwater basin for the future demands. The Hemet-San Jacinto Watermaster identifies the annual amount of groundwater that may be pumped (such as an Operating Safe Yield) before needing to purchase more expensive imported water from MWD through EMWD to replenish the San Jacinto Basin for all products over the water rights. Historically, the City has had to rely on expensive imported water during previous drought seasons to ensure water supply for its customers. The proposed rebate program will allow the City and its customers to be better stewards of the basin and potentially reduce expensive water imports through efficient irrigation practices.

The landscapes at residential and commercial sites are irrigated using groundwater or imported, potable water, typically using highly inefficient irrigation systems. According to studies, inefficient irrigation systems result in a net waste of approximately 50 percent of the applied water.<sup>5</sup> The proposed project will increase water supply reliability by reducing non-essential water demand for landscape irrigation at 500 residential and 20 commercial properties. Once all 520 properties have installed WBICs, an estimated 12.58 AF will be saved annually.<sup>6</sup> The City will conduct an extensive public outreach campaign to highlight the benefits of this program and encourage all City customers to incorporate WBICs and other conservation and advanced water management practices at their properties.

**Water Quality:** The proposed project will directly benefit the Santa Ana Watershed by reducing the discharge of nutrients and sediments associated with over watering ornamental landscape. Waterbodies within the Santa Ana Watershed, such as Canyon Lake, are adversely impacted by excessive nutrients including nitrogen and phosphorous that are associated with runoff from urban landscape irrigation, and regulators established and monitor Total Maximum Daily Loads (TMDLs) for these nutrients. Salt Creek is one of the main tributaries to Canyon Lake and its headwaters are located in the City of Hemet. Sharp peaks in flows are primarily the result of surface runoff from urban areas which has resulted in algae blooms and reduced dissolved oxygen at the Lake. The project will help reduce non-point source runoff containing topsoil, chemical fertilizer, and bacteria into impacted water bodies.

**Enhances Customer and Utility Awareness:** In 2018, the City of Hemet began its efforts to become a fully AMI metered system. In 2021, the City achieved its goal with all customers having AMI meters, and in 2022, the City launched My Water Advisor 2.0, an online customer engagement tool where customers can monitor their water consumption and receive alerts regarding their usage and leaks. Residential and commercial properties that participate in the rebate program will be able to see their water savings in real time, resulting in a lower utility bill. WBICs can save up to 30-50 percent on customers' water bills.<sup>7</sup> The City will leverage the ability to accurately track water consumption to advertise the water bill savings rebate customers are receiving on average by installing a WBIC.

**Collaboration and Information Sharing:** The City actively collaborates on water resource management projects and will share information with other water managers in the region, including the Hemet-San Jacinto Watermaster, EMWD, Lake Hemet Municipal Water District, City of San Jacinto, and other private groundwater pumpers to Groundwater in the Canyon Subbasin, the San Jacinto Upper Pressure Subbasin downstream to Bridge Street and the Hemet

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<sup>5</sup> EPA, [A Water-Smart Solution for Large Landscapes](#).

<sup>6</sup> Residential Calculations: (500 properties \* 7,600 gallons) / 325,851 (conversion from gallons to AF) = 11.66 AF  
Commercial Calculations: (20 priorities \* 15,000 gallons) / 325,851 (conversion from gallons to AF) = 0.92 AF  
WBIC savings estimates based on EPA article stating average savings are between 7,600 and 15,000 gallons.  
<https://www.epa.gov/sites/default/files/2021-03/documents/ws-outdoor-water-smart-solution-large-landscapes.pdf>.

<sup>7</sup> Scientific American, [Smart Irrigation: A Supercomputer Waters the Lawn](#).



Subbasin. Each of these agencies has a direct interest in solving the problem of urban runoff and water waste caused by excessive landscape irrigation. The results of this project can be shared with water purveyors at conferences, online trade publications, and in public testimony, as desired.

### Evaluation Criterion B – Planning Efforts Supporting the Project

Achieving greater levels of water efficiency for landscape irrigation is recognized by water purveyors as a critically important method for meeting sustainable water supply reliability goals. The fact that approximately 30 percent of all potable water consumption is used to irrigate ornamental landscapes and that 50 percent or more of that water is wasted due to inefficient application methods makes the selection of this Project a priority.<sup>8</sup> The City of Hemet has prepared and adopted several resource management plans and ordinances that support the goals of the proposed Project. Given that California is in the third year of a drought, the City of Hemet is actively prioritizing projects that encourage water conservation. Please see Appendix D for Letters of Support.

#### **City of Hemet – [2020 Urban Water Management Plan and Water Shortage Contingency Plan](#):**

The Urban Water Management Plan Act (UWMP Act), adopted in 1983, requires every urban water supplier that provides water for municipal purposes to more than 3,000 connections or supplies more than 3,000 AF of water annually to adopt and submit an Urban Water Management Plan (UWMP) to the California Department of Water Resources (DWR) every five years. The main purpose of developing and updating an UWMP is to forecast water demands and supplies under normal, single-dry, and multiple-dry year conditions; assess supply reliability; and describe methods to reduce demands under potential water shortages. The City coordinated the preparation of its 2020 Plan with Eastern Municipal Water District, Lake Hemet Municipal Water District, and the Santa Ana Watershed Project Authority, as well as the City of Hemet, the City of San Jacinto, and the County of Riverside. The City notified these agencies at least sixty (60) days prior to the public hearing of the preparation of the 2020 Plan and invited these agencies to participate in the development of the 2020 Plan. The City provided a notice of the public hearing to the same agencies regarding the time, date, and place of the public hearing. The City published a newspaper notification of the public hearing, once a week for two successive weeks, and made both hard copies and electronic copies of the plan available.

To encourage reduced demand consumption, Hemet’s UWMP also included a Water Shortage Contingency Plan, which prohibits “watering to excess, which allows water to run off the landscaped area or allowed the landscape to become supersaturated” as a permanent water waste measure.<sup>9</sup> The proposed rebate program provides residents and commercial property owners with an incentive to be better stewards of their water consumption.

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<sup>8</sup> EPA, [A Water-Smart Solution for Large Landscapes](#).

<sup>9</sup> City of Hemet, [2020 Urban Water Management Plan](#), page 8-12.



**City of Hemet – [Municipal Code Chapter 82 - Article III - Division 3](#):** The City established its first Water Conservation Plan Ordinance in 1991 and amended the ordinance in 2015 under Urgency [Ordinance No.1894](#) to comply with new water restrictions during the drought. The Code established water waste prevention measures and staged water supply shortage reduction actions to prevent any water-use practices that the City deems as “wasteful”. The adoption of Ordinance No.1894 was part of a comprehensive water shortage planning effort to manage the City’s response to any water supply challenges it may encounter.

More recently, in April 2022, the City proposed Ordinance No. 1996, which updated the City’s Water Conservation Plan under Municipal Code Division 3, Section 82.<sup>10</sup> This revision will align the City with other local agencies and their water conservation programs along with setting the six Water Shortage Contingency Plan Levels which were adopted in the City’s Urban Water Management Plan. The new ordinance establishes permanent water conservation requirements for all customers, such as (1) limiting irrigation between the hours of 6:00 pm and 6:00 am; (2) prohibiting the watering or irrigation of any lawn, landscape, or other vegetated area with potable water using a hose watering device that is not continuously attended is prohibited; and (3) prohibiting the watering or irrigating any lawn, landscape or other vegetated area during rain events or within forty-eight (48) hours after a rain event in which 0.5-inches or greater accumulated rain has fallen in the previous 24-hour period. The proposed rebate program will allow residents and commercial property owners to more easily adjust watering habits to adhere to the new municipal code targeting water conservation.

**Evaluation Criterion C – Implementation and Results**

The City has the experience and ability to launch the Landscape Irrigation Controller Rebate Program quickly. The City has developed an anticipated 24-month project period schedule, including major tasks, milestones, and dates, as outlined below and in the Technical Project Description section.

*Table 1. Estimated Project Schedule*

<b>Milestones/Tasks</b>	<b>Estimated Timing</b>
<b>Council Acceptance of Grant</b>	1 month
<b>Develop and Update Marketing Materials</b>	2 months (months 2-3)
<b>Advertise Program</b>	On-going (months 3-21)
<b>Approve Rebate Applications</b>	On-going (months 3-21)
<b>Monitor and Project Close Out</b>	On-going (months 4-24)
<b>Project Close Out</b>	3 months (months 22-24)

The proposed project will not require permits or engineering and design work. The City does not need to create new policies or administrative actions to implement this project and can

<sup>10</sup> Appendix A: Ordinance No. 1997.

leverage the established policies and administrative procedures of previously successful rebate programs.

The proposed project does not have the potential to cause a significant effect on the environment or a reasonably foreseeable indirect physical change in the environment and, therefore, is not subject to the California Environmental Quality Act (CEQA), as defined by CEQA Guidelines Section 15378.

#### Evaluation Criterion D – Nexus to Reclamation

*Is the proposed project connected to a Reclamation project or activity? If so, how?*

The proposed project is not connected to a Reclamation project or activity.

*Does the applicant receive Reclamation project water?*

The City does not receive Reclamation project water. The City can purchase treated, imported water from the Metropolitan Water District of Southern California (MWD) through the Eastern Municipal Water District. MWD imports water from the Colorado River through the Colorado River Aqueduct, owned and operated by MWD, and the State Water Project which utilizes the California Aqueduct for transmission to Southern California.

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

The proposed project is not on Reclamation project lands or involves Reclamation facilities.

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

There are multiple Reclamation projects in the San Jacinto Basin including other WaterSMART projects.

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

The proposed project will reduce the demand for water thereby reducing groundwater pumping in the San Jacinto Basin and leaving more water in this aquifer. The proposed project is anticipated to save 12.58 AF annually.

#### Evaluation Criterion E – Presidential and Department of the Interior Priorities

The proposed rebate program directly supports citywide climate change efforts and benefits disadvantaged communities and tribes.

##### *Climate Change*

On September 11, 2018, the City of Hemet adopted a [Climate Action Plan \(CAP\)](#) in a collaboration with the Western Riverside Council of Governments (WRCOG) to meet the goals of California’s Global Warming Solutions Act of 2006 (Assembly Bill 32 or AB 32). One of the many goals to which the City committed through the CAP was to “reduce water consumption in new developments by 20 percent through low flush toilets, landscape ordinance, incentive programs, on-site stormwater capture, and other similar programs.”<sup>11</sup> Increasing landscape irrigation efficiency is an effective way to reduce overall residential water use since

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<sup>11</sup> [City of Hemet Climate Action Plan](#), page 13.

homeowners use up to half of their water outdoors. Given the most recent update from the [US Drought Monitor](#), a weekly report from the National Oceanic and Atmospheric Administration (NOAA), the U.S. Department of Agriculture, and the University of Nebraska, reporting that 93 percent of California is now in a severe drought, cities and water purveyors across the state are seeking ways to encourage reduced water consumption as supplies increasingly become limited. This rebate program empowers Hemet residents to be part of the general water conservation effort to strengthen or elongate water supply sustainability.

#### *Disadvantaged or Underserved Communities*

The proposed rebate program will benefit residential and commercial water customers in the City of Hemet. The City of Hemet is a low-income and economically disadvantaged community. According to the 2019 5-Year American Community Survey, the City of Hemet has a mean per capita income of \$19,814.<sup>12</sup> Hemet's per capita income is only 54 percent of the average per capita income in California (\$36,955) and 59 percent of the average per capita income in the United States (\$34,103).<sup>13</sup> California's State Water Resources Control Board Intended Use Plan defines communities with an average household income of less than 60 percent of the statewide average as disadvantaged, bearing a higher cost burden that can result in prohibitive water rates.<sup>14</sup> In addition, the unemployment rate in Hemet is 13 percent, much higher than the state average of 6 percent unemployment and the United States average of 5 percent.<sup>15</sup>

Further examination using California's Office of Environmental Health Hazard Assessments' [CalEnviroScreen 4.0](#) tool, reveals that census tracts within the City of Hemet experience a higher burden of pollution and socioeconomic stressors compared to all other census tracts in the State. The tool indicates how disadvantaged a community is through a score of 1-100, where a high score indicates a higher burden. The overall CalEnviroScreen community scores are driven by indicators, such as environmental exposure indicators, environmental effect indicators, sensitive population indicators, and socio-economic factor indicators.

According to the CalEnviroScreen, the City of Hemet encompasses several census tracts, with varying levels of pollution burden and population characteristics that can be seen in Figure 2. Census Tract 6065043401, located in the heart of Hemet, has the highest score, and is depicted in Figure 2 as the darkest red tract. The overall CalEnviroScreen score for this tract is 81<sup>st</sup> percentile, 53<sup>rd</sup> percentile for pollution burden, and 93<sup>rd</sup> percentile in population characteristics in the State. This tract experiences high levels of pollutant exposure and is in the 94<sup>th</sup> percentile for ozone exposure and 90<sup>th</sup> percentile for lead exposure from housing. It also has high levels of sensitive populations, which is defined by the California Office of Environmental Health Hazard Assessment as populations with physiological conditions that result in increased vulnerability to pollutants. Compared to the rest of California, this tract is in the 93<sup>rd</sup> percentile for poverty and

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<sup>12</sup> 2019 ACS 5-Year Estimates: [Mean Income in the Past 12 months](#) (\$1902).

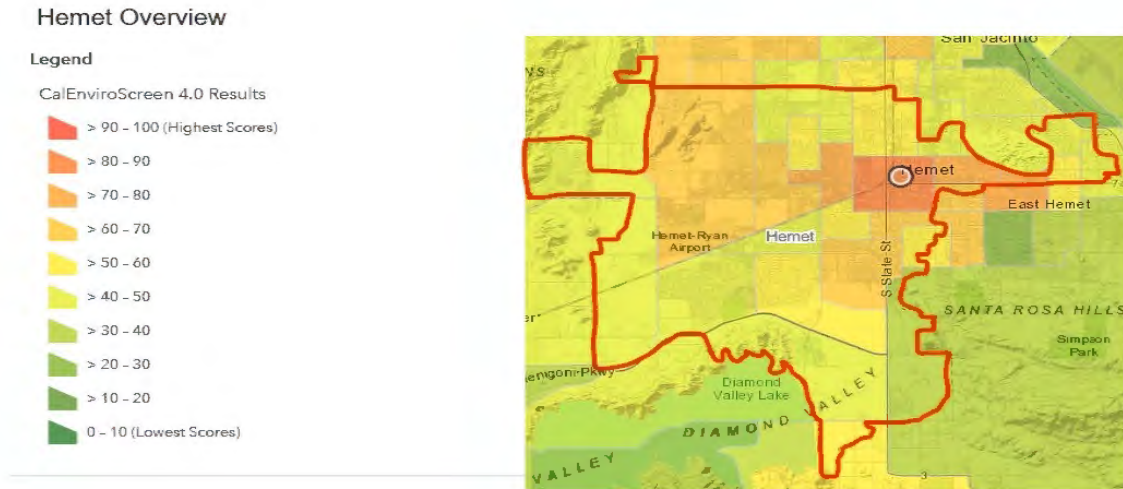
<sup>13</sup> Ibid.

<sup>14</sup> State of California, [2021-22 Intended Use Plan](#), page 14.

<sup>15</sup> Appendix B: EJSscreen Standard Report, Generated April 5, 2022.

99<sup>th</sup> percentile for unemployment meaning it has some of the very highest poverty and unemployment rates in the entire state. The CalEnviroScreen 4.0 report on Census Tract 6065043401 can be found in Appendix C.

Figure 2. CalEnviroScreen 4.0 Scores for the City of Hemet



The proposed rebate project will reduce the cost-barriers often associated with installing water-saving technologies, such as WBICs. Not only will the rebates reduce the up-front cost of smart controllers for households in an economically disadvantaged community, but the WBICs will also reduce the longer-term cost burden of water utility bills by generating ongoing water conservation savings. These cost savings may be especially important for the elderly who are more likely to be living on a fixed income, vulnerable to economic insecurity, and negatively impacted by high utility costs and rising prices. Nationally, roughly 1 in 3 adults over the age of 64 are economically insecure.<sup>16</sup> Approximately 22 percent of the population in Hemet is over the age of 64, compared to the state average of 14 percent and a national average of 16 percent.<sup>17</sup>

The City will conduct an extensive public outreach campaign to highlight the benefits of this project and encourage all City customers to adopt advanced water management practices by installing WBICs. Outreach will include digital media as well as hard-copy flyers and notices in monthly water bills. This multipronged outreach strategy will help the City reach the diverse demographics of the community.

### *Tribal Benefits*

The Hemet-San Jacinto Watermaster (Watermaster) is a judicial creation of the Superior Court of the State of California in and for the County of Riverside through the Stipulated Judgment entered on April 18, 2013 (Riverside County Superior Court Case No. RIC 1207274). The Stipulated Judgment declares individual rights of Eastern Municipal Water District, Lake Hemet

<sup>16</sup> Kaiser Family Foundation, [How Many Seniors Live In Poverty?](#)

<sup>17</sup> Appendix B: EJSscreen Standard Report, Generated April 5, 2022.

Municipal Water District, City of Hemet, City of San Jacinto, and other private groundwater pumpers to groundwater in the Canyon Subbasin, the San Jacinto Upper Pressure Subbasin downstream to Bridge Street, and the Hemet Subbasin. The basins mentioned above are collectively called the Management Area and are located in the San Jacinto Valley in Riverside County, California. Eastern and Lake Hemet individually possess permitted and Pre-1914 Surface Water Rights to store, divert, and recharge Surface Water from the San Jacinto River and its tributaries.

The Stipulated Judgment further imposes a Physical Solution to achieve the optimum, reasonable, and beneficial use of the waters of the Management Area. The Stipulated Judgment also recognizes the Tribal Water Rights of the Soboba Band of Luiseno Indians determined through a separate settlement among the Soboba Tribe, United States, Eastern, Lake Hemet, and Metropolitan Water District of Southern California.

## Project Budget

### Funding Plan

The Table below summarizes the funding sources for the Project. The non-Federal share for the project (\$100,052) will come from the City's Water Enterprise Fund.

No funding partners will provide funding. As such, no letters of commitment are provided.

*Overlap or Duplication of Effort Statement:* No federal partners for the project have requested or received funding. There are no other pending funding requests.

Funding Sources	Amount
<b>Non-Federal Entities</b>	\$100,052
City of Hemet – Water Enterprise Fund	
<b>Federal Entities</b>	\$100,000
Requested WaterSMART Small-Scale Funding	
<b>Total Project Funding</b>	<b>\$200,052</b>

### Budget Proposal

Budget Item Description	\$/Unit	Quantity	Quantity Type	Total Cost
<b>Direct Costs</b>				
<b>Salaries and Wages</b>				<b>\$11,457</b>
Project Director (Water/Wastewater Superintendent)	\$100,789	2	percent	\$2,016
Field Support (Water Conservation Specialist)	\$60,685	4	percent	\$2,427
Field Support (Customer Service Representative)	\$52,328	4	percent	\$2,093
Rebate Administrator (Water Administrative Staff)	\$65,852	4	percent	\$2,634
Outreach and Marketing (Assistant to the City Manager)	\$114,310	2	percent	\$2,286
<b>Fringe Benefits</b>				<b>\$8,595</b>
Project Director (Water/Wastewater Superintendent)	\$71,962	2	percent	\$1,439
Field Support (Water Conservation Specialist)	\$45,950	4	percent	\$1,838
Field Support (Customer Service Representative)	\$41,807	4	percent	\$1,672
Rebate Administration (Water Administrative Staff)	\$54,116	4	percent	\$2,165

Outreach and Marketing (Assistant to the City Manager)	\$74,050	2	percent	\$1,481
<b>Equipment</b>	<i>None</i>			
<b>Travel</b>	<i>None</i>			
<b>Supplies and Materials</b>	<i>None</i>			
<b>Contractual/Construction</b>	<i>None</i>			
<b>Environmental and Regulatory Compliance Costs</b>	<i>None</i>			
<b>Third-Party In-Kind Contributions</b>	<i>None</i>			
<b>Other</b>				<b>\$180,000</b>
Rebate Program - Residential	\$200/rebate	500	rebate	\$100,000
Rebate Program - Commercial	\$4,000/rebate	20	rebate	\$80,000
<b>Total Direct Costs</b>				<b>\$200,052</b>
<b>Indirect Costs</b>				<i>None</i>
<b>TOTAL ESTIMATED PROJECT COSTS</b>				<b>\$200,052</b>

### Budget Narrative

#### Salary and Wages - \$11,457

The City of Hemet personnel will be actively involved in the development and implementation of the proposed Rebate Project. The City will 100 percent fund staff time spent supporting this project. Costs associated with personnel were calculated based on a percentage of time salaried employees will spend implementing the project based on previous experience implementing rebate programs.

The City of Hemet's Water/Wastewater Superintendent will act as the **Project Director** and will be responsible for general oversight and management of the Project. The Project Director will provide the strategic vision for the Rebate Program and fulfill reporting requirements. The City anticipates the Superintendent will spend 2 percent of their time on project oversight and grant reporting requirements and the position's base salary is \$100,789. This estimate reflects the amount of time that was spent to run previous rebate programs offered by the city. The Project Director will be responsible for: (1) fulfilling grant reporting and compliance requirements, (2) training staff on the rebate program, (3) approving marketing materials, (4) approving rebate applications, and (5) issuing rebate checks.  $\$100,789 \times .02 = \$2,016$

The City of Hemet's Conservation Specialist will act as **Field Support** and will be responsible for conducting spot checks on properties that received rebates to ensure proper installation and discuss water conservation strategies. The Conservation Specialists' base salary is \$60,685 annually and it is anticipated that approximately 4 percent of their time is on spot checks and conservation consulting.  $\$60,685 \times .04 = \$2,427$

The City of Hemet's Customer Service Representative will act as **Field Support** and will be responsible for conducting spot checks on properties that received rebates to ensure proper installation and discuss water conservation strategies. The Customer Service Representative's



base salary is \$52,328 annually and it is anticipated that approximately 4 percent of their time is on spot checks and conservation consulting.  $\$52,328 \times .04 = \$2,093$

The City's Water Administrative Staff will act as the **Rebate Administrator** and will be responsible for assisting customers with rebate applications, receiving rebate applications, and answering customer questions about the rebate program. The Administrative Staff's base salary is \$65,852 annually and it is anticipated that approximately 4 percent of their time will be spent assisting rebate customers.  $\$65,852 \times .04 = \$2,634$

The Assistant to the City Manager will act as the projects **Outreach and Marketing Coordinator**. This position will be responsible for creating promotional material, flyers, advertisements, website updates, social media posts, and community outreach in support of raising awareness for the City's rebate program. The Assistant to the City Manager's base salary is \$114,310 annually and it is anticipated that 2 percent of their time will be spent promoting the project.  $\$114,310 \times .02 = \$2,286$

#### Fringe Benefits - \$8,595

Fringe benefits include CalPERS retirement, workman compensation, longevity and bilingual benefits (as applicable), and health insurance costs. Fringe benefits were calculated for each staff participating in this project.

The City of Hemet's Water/Wastewater Superintendents' (**Project Director**) annual fringe benefits total \$71,962. This position is dedicating 2 percent of their time to the project which equates to \$1,439 over the course of the project.

The City of Hemet's Conservation Specialists' (**Field Support**) annual fringe benefits total \$45,950. This position is dedicating 4 percent of their time to the project which equates to \$1,838 over the course of the project.

The City of Hemet's Customer Service Representatives' (**Field Support**) annual fringe benefits total \$41,807. This position is dedicating 4 percent of their time to the project which equates to \$1,672 over the course of the project.

The City's Water Administrative Staff (**Rebate Administrator**) annual fringe benefits total \$54,116. This position is dedicating 4 percent of their time to the project which equates to \$2,165 over the course of the project.

The Assistant to the City Managers' (**Outreach and Marketing Coordinator**) annual fringe benefits total \$74,050. This position is dedicating 2 percent of their time to the project which equates to \$1,481 over the course of the project.

Travel - Not Applicable.

Equipment - Not Applicable.

Materials and Supplies - Not Applicable.

Contractual - Not Applicable.

**Environmental and Regulatory Compliance Costs** - The City does not anticipate any environmental or regulatory costs related to this program as projects will only occur on already developed properties. All program participants must adhere to all applicable federal, state, and local laws.

Third-Party In-Kind Contributions - Not Applicable.

**Other Expenses** - \$180,000

City of Hemet residential property owners within the eligible service will be able to receive a rebate of up to \$200 for installing WBICs. The City anticipates providing 500 residential property rebates. City of Hemet commercial property owners are eligible to receive a rebate of up to \$4,000 and anticipates providing 20 commercial property rebates.

If the WBIC purchased is cheaper than the maximum rebate amount, the residential or commercial property will only receive a rebate for the price of the controller purchased. To receive a rebate, property owners must fill out an application and show receipts.

A total of \$180,000 will be spent on rebates for WBICs. It is anticipated a total of \$100,000 will be spent on residential rebates and \$80,000 on commercial rebates.

Indirect Costs - Not Applicable.

## **Environmental and Cultural Resources Compliance**

There are no known environmental or cultural resource compliance issues associated with this project.

## **Required Permits or Approvals**

There are no known required permits or approvals for this project.

## **Unique Entity Identifier and System for Awards Management**

The registration for Hemet, City of / 094715349 / DJBVYNK4LEK8 / 4UDC4 is active in the U.S. federal government's System for Award Management (SAM) as of January 5, 2022.

## **Official Resolution**

The proposed project is set to appear on City Council Agenda on April 26, 2022. The City will submit the executed Resolution within 30 days of the April 28, 2022 grant deadline.



CITY OF HEMET  
HEMET, CALIFORNIA  
ORDINANCE NO. 1997

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**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF HEMET, CALIFORNIA, AMENDING DIVISION 3, "WATER CONSERVATION PLAN," OF THE CITY 'S MUNICIPAL CODE.**

**WHEREAS**, the City of Hemet owns and operates a water production and distribution system that provides potable drinking water to customers throughout its service area. The City of Hemet has over 9,000 water customer accounts and serves a population over 30,000; and,

**WHEREAS**, to comply with the California Water Code Division 6 Conservation, Development, and Utilization of State Water Resources and to assure an adequate water supply for the community, the city is required to adopt a mandatory water conservation plan; and,

**WHEREAS**, California Legislature passed AB 1668(Friedman) and SB 606 (Hertzberg), that lays out a new long-term water conservation framework for California; and,

**WHEREAS** the City recognizes a need for the revision of the City's current "Water Conservation Plan," as set forth in Chapter 82, Article III, Division 3 of the Municipal Code; and,

**WHEREAS**, revisions to the Water Conservation Ordinance will align the city with other local agencies and their water conservation programs, along with setting the six

1 Water Shortage Contingency Plan Levels which were previously adopted in the City's  
2 Urban Water Management Plan in 2021

3 **WHEREAS**, the City last revised the existing Water Conservation Plan in 2015.

4 **NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF HEMET DOES**  
5 **DETERMINE, FIND AND RESOLVE AS FOLLOWS:**

6 **SECTION 1: ADD new Section 82-127 (d) "Declaration of Policy" to read as**  
7 **follows:**

8 (d) It is declared that the City shall, for the general public health, safety and welfare,  
9 to comply with the California Water Code Division 6 Conservation, Development, and  
10 Utilization of State Water Resources and to assure an adequate water supply for the  
11 community, requires a mandatory water conservation plan to be authorized.  
12

13 **SECTION 2 –AMEND Section 82-129 "Effective Date of Plan" to read as set forth**  
14 **in bold italic:**

15 This division shall be effective upon its adoption. Specific water conservation phases  
16 described in this division shall be effective by subsequent action of the city council in the  
17 case of a water supply shortage ***or by executive action of the City Manager as***  
18 ***recommended by the Public Works Director or Water/ Wastewater Superintendent***  
19 ***in the case of an emergency water shortage.***  
20

21 **SECTION 3 – ADD new Section 82-130 "Purpose" as follows:**

22 This water conservation ordinance is to minimize the effects of a water shortage to  
23 the water customers of the city, to comply with California Water Code, and to significantly  
24 reduce the delivery and consumption of water, thereby extending the period that water  
25 may be supplied or delivered to the distribution system of the City.  
26

27 **SECTION 4 – DELETE existing Section 82-131 "Implementation of division;**  
28

1 **water conservation commission” and replace with Section 82-131 “Implementation**  
2 **of division” to read as follows:**

3 The City Manager, Public Works Director, Water/Wastewater Superintendent or  
4 other designated City representative is hereby authorized and directed to implement the  
5 provisions of this division as approved by the City Council.  
6

7 **SECTION 5 – Section 82-132 through Section 82-136 are hereby deleted in their**  
8 **entirety and the following Sections 82-132 through Section 82-144 are hereby**  
9 **added:**

10 **Sec. 82-132. - Definitions.**

11 The following words, terms, and phrases, when used in this division, shall have the  
12 meanings ascribed to them in this section, except where the context clearly indicates a  
13 different meaning:  
14

15 **AWSDA** means Annual Water Supply and Demand Assessment

16 **City** means the City of Hemet

17 **CII** means Commercial, Industrial and Institutional customers

18 **Customer** means any person or persons, corporation, public or private entity,  
19 governmental agency or institution or any other user of water provided by the City.  
20

21 **Landscape Irrigation System** means a system with controllers, valves, pipes,  
22 hoses, spray heads or sprinkling devices that are operated by hand or through an  
23 automated system used to water outdoor landscaping.

24 **Water Shortage Contingency Plan Stages** means the established actions and  
25 procedures for managing water supply and demands during water shortages.

26 **Sec. 82-133. – Permanent Water Conservation Requirements.**

27 The following water efficiency requirements shall continuously apply to all existing  
28

1 customers regardless of city or statewide drought status:

2 (a) Hosing down driveways and other hard surfaces, is prohibited except for health  
3 or sanitary reasons and then only by use of a hand-held bucket or similar container, a  
4 hand-held hose equipped with a positive water shut-off device or a low-volume, high-  
5 pressure cleaning machine equipped to recover and recycle any water used.  
6

7 (b) No customer of the water division shall permit water to leak or runoff from any  
8 property where conditions may be corrected or reasonably modified to prevent such  
9 leakage or runoff.

10 (c) Property owners are only allowed to irrigate landscape between the hours of 6:00  
11 p.m. and 6:00 a.m. This provision does not apply when:

12 (1) Manually watering landscape with a hose containing a positive shut-off device  
13 attached.  
14

15 (2) During the establishment period for new landscape.

16 (3) For very short periods of time for the purpose of adjusting or repairing an irrigation  
17 system.

18 (d) The watering or irrigating of any lawn, landscape or other vegetated area with  
19 potable water using a hose watering device that is not continuously attended is prohibited.  
20

21 (e) Use of decorative fountains, unless they are equipped with a recirculating system,  
22 are prohibited.

23 (f) Where potable water is used for commercial cooling systems, such as chillers,  
24 cooling towers, and building air conditioning systems, the water must be recirculated to  
25 the maximum extent feasible.

26 (g) Water shall not be allowed to run while washing vehicles. A hand-held bucket or  
27 similar container and/or a hand-held hose equipped with a positive water shut-off device  
28

1 shall be allowed.

2 (h) Watering or irrigating any lawn, landscape or other vegetated area during rain  
3 events or within forty-eight (48) hours after a rain event in which 0.5-inches or greater  
4 accumulated rain has fallen in the previous 24-hour period, is prohibited.

5 (i) Operators of hotels and motels shall post notices in each guest room urging guests  
6 to conserve water, and shall provide guests with the option of choosing not to have towels  
7 and linens laundered daily. Notice of this option shall be displayed in each guestroom  
8 using clear and easily understood language. The City shall provide appropriate language  
9 upon request.

10 (j) Restaurants or other public places where food is served shall only serve water to  
11 their customers upon request.

12  
13 **Sec. 82-134. – Obligation to fix leaks, breaks, or malfunctions.**

14 Excessive waste, loss or escape of water through breaks, leaks or other malfunctions  
15 in the water user's plumbing, irrigation, or distribution system shall be repaired in a timely  
16 manner.

17 (a) Minor exterior leaks shall be repaired within seven (7) business days of the  
18 property owner receiving written notice of the leak by the City.

19 (b) All substantial exterior leaks as identified by the City's Water Division personnel  
20 shall be repaired within forty-eight (48) hours of written notification from the City, unless  
21 other arrangements are made with the City's Water Division in writing.

22 (c) The City may shut off the water supply to a property when repair of exterior leaks  
23 have not been timely made after prior written notice from the City as set forth in 82-134(b)  
24 above, and are causing the continual and excessive waste of water to exist and discharges  
25 from the property.  
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1           **Sec. 82-135. – Requirements for new landscape.**

2           All landscaping and irrigation shall comply with the City of Hemet Municipal Code  
3 Chapter 90 - Zoning, Article XLVIII. - Landscaping and Irrigation.

4           **Sec. 82-136. – Enforcement of water wasting.**

5           Shall be in accordance with the City of Hemet Municipal Code Chapter I Article II.

6           **Sec. 82-137. - Appeals.**

7           Right to an administrative hearing and waiver of advance deposit shall be in  
8 accordance with City of Hemet Municipal Code Chapter I Article II Section 1-27.

9           **Sec. 82-138. - Variances.**

10           General variance criteria. No relief shall be granted unless the customer  
11 demonstrates maximum practical water reduction, including, but not limited to, the  
12 installation of low flow showerheads, toilets, water conserving devices on all faucets,  
13 installation of irrigation controllers with rain shutoff features, and the repair of all leaks. All  
14 requests for Variances shall be submitted in writing to the City Manager or their designee.  
15 Upon review, the City Water/Wastewater Superintendent or his designated representative  
16 may require a water audit to verify conditions.

17           (a) Residential variance criteria. A variance may be granted to provide relief to a  
18 residential customer that reflects changes in circumstances, such as:

19           (1) Irrigation of new plantings, when their installation occurred prior to adoption of  
20 water use restrictions.

21           (2) Medical conditions as certified by a physician or other medical professional.

22           (3) Abatement of health or safety hazards.

23           (4) Change of the occupancy or number of occupants of the residence.

24           (5) Other circumstances submitted in writing by the customer, and as may be  
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1 warranted based on the determination of the City Manager, Public Works Director, or  
2 Water/Wastewater Superintendent.

3 (b) Commercial, Industrial, Institutional (CII) variance criteria. A variance may be  
4 granted to provide relief to a CII customer to reflect changes in circumstances which have  
5 occurred, such as:

6  
7 (1) Irrigation of new plantings, when their installation occurred prior to adoption of  
8 mandatory water use restrictions.

9 (2) Increased in the number of employees.

10 (3) Production of new products which require an increase in process water.

11 (4) Increase in business activities.

12 (5) Abatement of health or safety hazards.

13  
14 (6) Other information submitted in writing by the customer, and as may be warranted  
15 based on the determination of the City Manager, Public Works Director, or  
16 Water/Wastewater Superintendent.

17 **Sec. 82-139. – Water shortage.**

18 A water shortage may exist based upon the occurrence of one or more of the  
19 following conditions:

20 (1) A major failure of any or all supply, storage or distribution facilities of the city water  
21 and reservoir system that decreases the City's ability to meet customer maximum daily  
22 water demand through its own sources or through interconnects with other water agencies.

23 (2) A water supply shortage due to the inability of the City to meet acceptable water  
24 quality standards mandated by the State health department.

25 (3) A general water supply shortage due to increased demand or limited supplies  
26 from either the City's own sources or other regional sources.  
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1 (4) A significant decline in the underground aquifer which the City relies upon and as  
2 measured by the height of water in the City's wells.

3 (5) A complete long-term power failure of all electrical connections from the electrical  
4 provider in which the City may not be able to replace through backup generators or other  
5 means.  
6

7 **Sec. 82-140. – Emergency Water Shortage Response.**

8 (a) The City Manager may invoke emergency water shortage restrictions when a  
9 major failure occurs, whether temporary or permanent, in the supply, the water quality, the  
10 distribution lines, or the reservoirs of the city's water system or;

11 (b) When the Governor and State Water Board find and declares that an emergency  
12 exists due to severe drought conditions and that adoption of proposed emergency  
13 regulations is necessary to address the emergency.  
14

15 **Sec. 82-141. - Water Shortage Contingency.**

16 This section establishes six Water Shortage Contingency Plan Levels to be  
17 implemented in the case of an emergency water shortage. During times of a water  
18 shortage and based on the severity of the water shortage, the City Council shall direct the  
19 City Manager, the Public Works Director, the Water/Wastewater Superintendent or a  
20 designated City representative to implement the provisions of this division.  
21

22 To provide a consistent regional and statewide approach for conveying the relative  
23 severity of water supply shortage conditions, the 2018 Water Conservation Legislation  
24 mandates that water suppliers plan for six standard Water Shortage Contingency Plan  
25 Levels that correspond to progressive reductions of up to 10, 20, 30, 40, 50 percent, and  
26 greater than 50 percent from the normal reliability condition. Each shortage condition  
27 should correspond to additional actions water suppliers would implement to meet the  
28

1 severity of the impending shortages. For each declared water supply shortage level,  
2 customers will be required to reduce consumption by the percentage specified in the  
3 corresponding Water Shortage Contingency Plan Level listed in Table 1, below.

4 (a) Water Shortage Contingency Plan Levels shall be implemented and shall  
5 continue as necessary, with additional mandatory water use restrictions enacted if the  
6 target water savings are not achieved within thirty (30) calendar days of the declared water  
7 shortage.  
8

9 (b) For each of the State's standard shortage levels (also called "stages"), Table 1  
10 summarizes the water shortage range (i.e., percent shortage from normal supplies) and a  
11 brief narrative description of the corresponding water shortage condition. These water  
12 shortage stages apply to both foreseeable and unforeseeable water supply shortage  
13 conditions. Table 1 presents the City's reorganized stages, which align with the State's  
14 current standard stages.  
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**Table 1. Water Shortage Contingency Plan Levels**

Shortage Level	Percent Shortage Range	Water Shortage Condition Definition	Shortage Response Actions
1	Up to 10%	Adequate supply is currently available. To protect and preserve water supply, the elimination of wasteful water uses is encouraged.	Voluntary conservation. See Demand Reduction Actions
2	Up to 20%	There is sufficient uncertainty concerning water supply, either based upon AWSDA findings or unforeseeable event, to lead to the conclusion that supply may not adequately meet normal demand in the current or upcoming years.	Mandatory Conservation. See Demand Reduction Actions
3	Up to 30%	Definable events, including but not limited to AWSDA findings, lead to a reasonable conclusion that in the current and/or upcoming water years, water supplies may not be adequate to meet all customer water demands. Or, previous water conservation target has not been met, therefore further action is necessary.	Mandatory conservation. See Demand Reduction Actions
4	Up to 40%	Definable events, including but not limited to AWSDA findings, lead to a firm conclusion that in the current water year, water supplies will not be adequate to meet customers' water demands; and/or previous water conservation target has not been met, therefore further action is necessary to reduce water demand.	Mandatory conservation. See Demand Reduction Actions
5	Up to 50%	Definable events, including but not limited to AWSDA findings, lead to a firm conclusion that water supplies are considerable inadequate to meet customers' water demands; and/or previous water conservation target has not been met, therefore further action is necessary to reduce water demand.	Mandatory conservation. See Demand Reduction Actions
6	>50%	Definable events, including but not limited to AWSDA findings, have severely compromised water supplies in the current water year, and/or earlier stages have been in effect and the reduction goal is not being meet, therefore further action is necessary to reduce water demand.	Mandatory conservation. See Demand Reduction Actions

Notes: AWSDA = Annual Water Supply and Demand Assessment

1           **Sec. 82-142. - Shortage Response Actions and Effectiveness.**

2           The City will track progress toward water use reduction goals through a comparative  
3 analysis of total monthly water production volumes between comparable months such as  
4 July of the current year with July of the previous year. The analysis will compare the  
5 drought month production for a specific month with the previous non-drought month  
6 production in the previous year to obtain a percent reduction. The City will increase or  
7 decrease its public outreach efforts based on observed usage reduction. The Demand  
8 Reduction Actions discussed in section 82-144 may be considered as tools that allow the  
9 City to respond to water shortage conditions. The City will adjust response actions to  
10 demands and available water.  
11

12           **Sec. 82-143. - Demand Reduction.**

13           (a) The City may request that its customers reduce their water demands in response  
14 to any water shortage stage through public outreach. During water shortage conditions,  
15 the City plans to reduce demand by implementing the actions in Section 82-144. Demand  
16 reduction actions are organized by the triggering water shortage level. The City will  
17 continue to use these actions in the lower stages unless otherwise noted.  
18

19           (b) If the residential customer's usage amount reaches an amount equal to or below  
20 the State standard for residential indoor water use as adopted by the California State  
21 Legislature (through AB 1668, Friedman-2018.), then no further water conservation is  
22 required for residential customers.  
23

24           **Sec. 82-144. - Demand Reduction Actions.**

25           (a) **Shortage Level 1 – Voluntary Conservation.** In order to achieve an overall  
26 system-wide reduction goal of up to ten-percent (10%), all potable water customers of the  
27 City are requested to:  
28

1 (1) Protect and preserve water supply and eliminate wasteful water use.

2 (b) **Shortage Level 2 – Mandatory Compliance Water Shortage Watch.** The City  
3 Council may, by resolution, declare a Shortage Level 2 upon recommendation by the City  
4 Manager based on water supply and delivery projections by the Water/Wastewater  
5 Superintendent that an overall system-wide reduction of up to twenty-percent (20%) is  
6 necessary, taking into consideration projections and estimates made by the  
7 Water/Wastewater Superintendent pertaining to the City's water supply. In order to  
8 achieve an overall system-wide reduction of up to twenty-percent (20%), the following  
9 prohibitions shall be enacted:  
10

11 (1) Protect and preserve water supply and eliminate wasteful water use.

12 (2) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the  
13 persons it serves to no more than once every other day. Even numbered property  
14 addresses may only water on even dates of the month and odd numbered property  
15 addresses may only water on odd dates of the month.  
16

17 (3) Any use of water from a fire hydrant except for fighting fires or essential  
18 construction needs and system flushing, as determined by the City's Water Division, shall  
19 be prohibited  
20

21 (c) **Shortage Level 3 – Mandatory Compliance – Water Shortage Warning.** The  
22 City Council may, by resolution, declare a Shortage Level 3 upon recommendation by the  
23 City Manager based on water supply and delivery projections by the Water/Wastewater  
24 Superintendent that an overall system-wide reduction of thirty-percent (30%) is necessary,  
25 taking into consideration projections and estimates made by the Water/Wastewater  
26 Superintendent pertaining to the City's water supply. In order to achieve an overall system-  
27 wide reduction of up to thirty-percent (30%), the following prohibitions shall be enacted:  
28



1 (1) Any activities enacted during lower Shortage Levels.

2 (2) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the  
3 persons it serves to no more than two times per calendar week. Even numbered property  
4 addresses may water on Mondays and Thursdays. Odd numbered property addresses  
5 may water on Tuesdays and Fridays.  
6

7 (3) Planting of any new landscaping, except for drought resistant landscaping shall  
8 be curtailed until all Shortage Levels have been rescinded.

9 (d) **Shortage Level 4 – Mandatory Compliance – Significant Water Shortage.**

10 The City Council may, by resolution, declare a Shortage Level 4 upon recommendation  
11 by the City Manager based on water supply and delivery projections by the  
12 Water/Wastewater Superintendent that an overall system-wide reduction of forty-percent  
13 (40%) is necessary, taking into consideration projections and estimates made by the  
14 Water/Wastewater Superintendent pertaining to the City's water supply. In order to  
15 achieve an overall system-wide reduction of forty-percent (40%), the following prohibitions  
16 shall be enacted:  
17

18 (1) Any activities enacted during lower Shortage Levels.

19 (2) The refilling or initial filling of any swimming pool is prohibited, unless required for  
20 public health and safety purposes.  
21

22 (3) Watering of any residential, commercial, industrial area lawn with potable water,  
23 at any time day or night is prohibited. An exception will be made to permit drip irrigation  
24 for established perennial plants, home- and commercial-orchards and trees using  
25 automatic time-controlled water application.

26 (4) 'Will Serve' letters will not automatically be issued by the City. Projects may/or  
27 may not be approved individually based upon overall impact to the City of Hemet water  
28

1 supply requirements.

2 (4) Car washing is prohibited, unless using a commercial carwash that recycles  
3 water.

4 (e) **Shortage Level 5 – Mandatory Compliance – Critical Water Shortage.** The  
5 City Council may, by resolution, declare a Conservation Stage 5 upon recommendation  
6 by the City Manager based on water supply and delivery projections by the  
7 Water/Wastewater Superintendent that an overall system-wide reduction of up to fifty-  
8 percent (50%) is necessary, taking into consideration projections and estimates made by  
9 the Water/Wastewater Superintendent pertaining to the City's water supply. In order to  
10 achieve an overall system-wide reduction of up to fifty-percent (50%), the following  
11 prohibitions shall be enacted:  
12

13 (1) Any activities prohibited during lower Shortage Levels.

14 (2) The use of potable water for construction activities and uses such as dust  
15 suppression or process waters, however use of recycled water for construction activities  
16 shall be exempt from this restriction.  
17

18 (3) The filling of swimming pools, wading pools, spas, ornamental ponds, and  
19 fountains.

20 (f) **Shortage Level 6 – Mandatory Compliance – Emergency Water Shortage.**  
21 The City Council may, by resolution, declare a Conservation Stage 3 upon  
22 recommendation by the City Manager based on water supply and delivery projections by  
23 the Water/Wastewater Superintendent that an overall system-wide reduction of over fifty-  
24 percent (50%) is necessary, taking into consideration projections and estimates made by  
25 the Public Works Superintendent pertaining to the City's water supply. In order to achieve  
26 an overall system-wide reduction of over fifty-percent (50%), the following activities shall  
27  
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1 be enacted:

2 (1) Any activities prohibited during lower Shortage Levels.

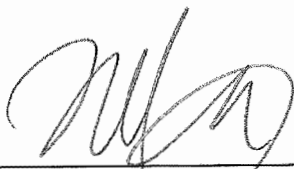
3 (2) All landscape watering and non-essential outdoor water use for all customers.

4 (g) The City Council shall have the authority to prohibit other activities and water uses  
5 upon the recommendation of the City Manager, Public Works Director or  
6 Water/Wastewater Superintendent where that such additional measures are necessary in  
7 order to achieve an overall system-wide reduction regarding each stage reduction of water  
8 usage.  
9


10 **SECTION 6 –Renumber Sections 82-137 through 82-140 to Sections 82-145**  
11 **through 82-149 of Chapter 82, and authorize the City Attorney to make any**  
12 **additional corrections regarding numbering as may be appropriate.**  
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**INTRODUCED** at the regular meeting of Hemet City Council on March 22, 2022.  
**APPROVED AND ADOPTED** this 12<sup>th</sup> day of April, 2022.

  
\_\_\_\_\_  
Malcolm Lienthal, Mayor

**ATTEST:**


  
\_\_\_\_\_  
John Paul Maier, City Clerk

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State of California )  
County of Riverside )  
City of Hemet )

I, John Paul Maier, City Clerk of the City of Hemet, do hereby certify that the foregoing Ordinance is the actual Ordinance adopted by the City Council of the City of Hemet and was passed at a regular meeting of the City Council on the 12<sup>th</sup> day of April, 2022

AYES: Council Members: Krupa, Brown, Males, Mayor Pro Tem Meyer, Mayor Lilienthal  
NOES: Council Members: None.  
ABSTAIN: Council Members: None.  
ABSENT: Council Members: None.

  
\_\_\_\_\_  
John Paul Maier, City Clerk

## Appendix D: Letters of Support

April 4, 2022

United States Bureau of Reclamation  
Water Resources and Planning Office  
Ms. Robin Graber  
Mail Code: 86-6300  
P.O. Box 25007  
Denver, CO 80225

**Subject: Support for City of Hemet Grant Application**

Dear Ms. Graber:

On behalf of Eastern Municipal Water District (EMWD), we would like to express our support for the City of Hemet's grant application with the United States Bureau of Reclamation to support its Landscape Irrigation Controller Rebate Program.

This program would support the City's efforts to expand its smart irrigation controller program to local residents and businesses. Through the implementation of this program, the City would further create a culture of water use efficiency, which would result in reduced groundwater pumping and also further the City's efforts to adapt to the water supply variabilities resulting from climate change and drought.

EMWD has provided similar programs for the customers in its service area and the program has been well-received. The City's program could further enhance regional outdoor water use efficiency efforts.

EMWD supports the City's continued efforts to seek grant funding to reduce costs to its ratepayers. Should you have any questions, please contact me at 951-928-6130 or [mouawadj@emwd.org](mailto:mouawadj@emwd.org).

Sincerely,



Joe Mouawad, P.E.  
General Manager



**Hemet-San Jacinto  
Watermaster**

1315 Corona Pointe Court, Suite 202  
Corona, CA 92879

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*Watermaster Board*

*Chair*

Linda Krupa

*Vice-Chair*

Steve Pastor

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David Slawson

*Advisor*

Behrooz Mortazavi

*Legal Counsel*

Lagerlof, LLC

March 29, 2022

Bureau of Reclamation Water Resources and Planning Office

Ms. Robin Graber

Mail Code: 86-6300

P.O. Box 25007

Denver, CO 80225

[rgraber@usbr.gov](mailto:rgraber@usbr.gov)

**Re:** Support of City of Hemet's Application for WaterSMART Small-Scale Water Efficiency Grant: Landscape Irrigation Controller Rebate Program

Dear Ms. Graber,

Hemet-San Jacinto Watermaster (Watermaster) is pleased to voice support for the City of Hemet's (City) proposal for funding from the U.S. Bureau of Reclamation for the Landscape Irrigation Controller Rebate Program.

The City's Landscape Irrigation Controller Rebate Program builds on the City's efforts to conserve, better manage, and make more efficient use of its groundwater supply. The Program will provide rebates to residential and commercial customers who upgrade their irrigation controller to a weather-based irrigation controller (WBIC). By using local weather data and landscape conditions to tailor watering schedules, WBICs determine when and how much to water, achieving a water-efficient irrigation schedule. This program will help the city adapt and mitigate the effects of climate change, while being mindful stewards of water resources during a prolonged drought.

The Watermaster, a judicial organization in the County of Riverside, was formed by a Judgment entered on April 18, 2013, at the Riverside County Superior Court. The Watermaster is responsible for the implementation of the Physical Solution imposed by the Judgment in the western portion of Riverside County within the San Jacinto River Watershed including the Cities of San Jacinto and Hemet, as well as the unincorporated areas of Winchester, Valle Vista, and Cactus Valley. Use of the WBICs by the City customers will enhance more efficient use of groundwater resources in the Hemet-San Jacinto area.





**Hemet-San Jacinto  
Watermaster**

1315 Corona Pointe Court, Suite 202  
Corona, CA 92879

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*Watermaster Board*

Thank you for considering the City of Hemet's Landscape Irrigation Controller Rebate Program for U.S. Bureau of Reclamation funding.

*Chair*

Linda Krupa

*Vice-Chair*

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Behrooz Mortazavi

*Legal Counsel*

Lagerlof, LLC

Sincerely,

Behrooz Mortazavi, Ph.D., P.E.

Advisor

Hemet - San Jacinto Watermaster

Behrooz@h2oengineers

714-794-5520